

**YPSILANTI  
COMMUNITY  
SCHOOLS**



**2025 -  
2026**

**K - 12  
COURSE  
CATALOG**

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# Table of Contents

<b>K-5 Course Catalog</b>	<b>4</b>
Reading	4
Writing	7
Mathematics	11
Science	14
Social Studies	17
Music	20
Art Education	24
Physical Education	28
World Language Education	31
<b>6 - 8 Course Catalog</b>	<b>35</b>
English Language Arts	35
Mathematics	37
Science	38
Social Studies	40
Physical Education	42
Music	45
Art	47
Living Skills	48
Technology & STEM	49
Health	49
Applied Engineering & Technology	50
Reading Intervention	50
Technology	50
Academic Enrichment	51
Advisory	52
World Languages	53
<b>9-12 YCHS ACTech/STEMM Course Catalog</b>	<b>55</b>
English Language Arts	55
Mathematics	62
Science	67
Social Studies	71
Physical Education	74
World Language	77
Visual Arts	78
Vocal Music	80
Instrumental Music	81
Communication & Theater Art	82

Student Support Services	82
Special Preparation	86
College and Career Readiness/Support	86
Technology, Engineering, & Manufacturing	87
Business	92
Career-Related Programme Core	93
Career & Technical Education	94
Other Courses	101
Dual Enrollment	103
Washtenaw Community College Dual Enrollment Courses	103
<b>9-12 ACCE Course Catalog</b>	<b>107</b>
English Language Arts	107
Mathematics	109
Science	111
Social Studies	112
World Languages	114
Art	116
Drama	116
Physical Education & Health	117
Music	118
CTE	118
Engineering	120
College & Career Readiness	120
Skill Building, Advisory, & Seminar	121
WCC Courses	121

# K-5 Course Catalog

## Reading

### Reading KG

**Course Number: RDGKG**  
**SCED: 01028**

Language Arts (kindergarten) courses engage students in activities to develop their language arts skills (**reading**, writing, listening, and speaking). This course content emphasizes storytelling or reading aloud and evoking a written, oral, or pictorial response. Specific content depends upon state standards for kindergarten and our focus on the use of priority standards.

### IBPYP Reading KG

**Course Number: RDGKGPYP**  
**SCED: 01028**

Language Arts (kindergarten) courses engage students in activities to develop their language arts skills (reading, writing, listening, and speaking). This course content emphasizes storytelling or reading aloud and evoking a written, oral, or pictorial response. Specific content depends upon state standards for kindergarten and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### YC2S Reading KG

**Course Number: RDGKGOL**  
**SCED: 01028**

Language Arts (kindergarten) courses engage students in activities to develop their language arts skills (**reading**, writing, listening, and speaking). This course content emphasizes storytelling or reading aloud and evoking a written, oral, or pictorial response. Specific content depends upon state standards for kindergarten and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

### Reading 1

**Course Number: RDG01**  
**SCED: 01029**

Language Arts (grade 1) courses include the four aspects of language use: **reading**, writing, speaking, and listening. This course emphasizes recognition of and response to various types of text, extension of vocabulary and writing skills, and the connection of language to the expression of ideas. Specific content depends upon state standards for grade 1 and our focus on the use of priority standards.

### IBPYP Reading 1

**Course Number: RDG01PYP**  
**SCED: 01029**

Language Arts (grade 1) courses include the four aspects of language use: reading, writing, speaking, and listening. This course emphasizes recognition of and response to various types of text, extension of vocabulary and writing skills, and the connection of language to the expression of ideas. Specific content depends upon state standards for grade 1 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Reading 1**

**Course Number: RDG01OL**  
**SCED: 01029**

Language Arts (grade 1) courses include the four aspects of language use: **reading**, writing, speaking, and listening. This course emphasizes recognition of and response to various types of text, extension of vocabulary and writing skills, and the connection of language to the expression of ideas. Specific content depends upon state standards for grade 1 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

### **Reading 2**

**Course Number: RDG02**  
**SCED: 01030**

Language Arts (grade 2) courses include the four aspects of language use: **reading**, writing, speaking, and listening. This course builds on students' skills in independent reading and writing by increasing reading and writing fluency, vocabulary, and recognition of word and language patterns. They may also introduce or reinforce the rules of grammar. Specific content depends upon state standards for grade 2 and our focus on the use of priority standards.

### **IBPYP Reading 2**

**Course Number: RDG02PYP**  
**SCED: 01030**

Language Arts (grade 2) courses include the four aspects of language use: reading, writing, speaking, and listening. This course builds on students' skills in independent reading and writing by increasing reading and writing fluency, vocabulary, and recognition of word and language patterns. They may also introduce or reinforce the rules of grammar. Specific content depends upon state standards for grade 2 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Reading 2**

**Course Number: RDG02OL**  
**SCED: 01030**

Language Arts (grade 2) courses include the four aspects of language use: **reading**, writing, speaking, and listening. This course builds on students' skills in independent reading and writing by increasing reading and writing fluency, vocabulary, and recognition of word and language patterns. They may also introduce or reinforce the rules of grammar. Specific content depends upon state standards for grade 2 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

### **Reading 3**

**Course Number: RDG03**  
**SCED: 01031**

Language Arts (grade 3) courses include the four aspects of language use: **reading**, writing, speaking, and listening. This course emphasizes independent reading and writing in a variety of assignments. Some emphasis may also be placed on presentation or oral communication skills. Specific content depends upon state standards for grade 3 and our focus on the use of priority standards.

### **IBPYP Reading 3**

**Course Number: RDG03PYP**  
**SCED: 01031**

Language Arts (grade 3) courses include the four aspects of language use: reading, writing, speaking, and listening. This course emphasizes independent reading and writing in a variety of assignments. Some emphasis may also be placed on presentation or oral communication skills. Specific content depends upon state standards for grade 3 and our focus on the use of priority standards.

standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Reading 3**

**Course Number: RDG03OL**  
**SCED: 01031**

Language Arts (grade 3) courses include the four aspects of language use: **reading**, writing, speaking, and listening. This course emphasizes independent reading and writing in a variety of assignments. Some emphasis may also be placed on presentation or oral communication skills. Specific content depends upon state standards for grade 3 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

### **Reading 4**

**Course Number: RDG04**  
**SCED: 01032**

Language Arts (grade 4) courses include the four aspects of language use: **reading**, writing, speaking, and listening. This course emphasizes independent reading and writing in a variety of assignments, and requires students to respond to different material in different ways. Grammar and usage of the English language may also be emphasized. Specific content depends upon state standards for grade 4 and our focus on the use of priority standards.

### **IBPYP Reading 4**

**Course Number: RDG04PYP**  
**SCED: 01032**

Language Arts (grade 4) courses include the four aspects of language use: reading, writing, speaking, and listening. This course emphasizes independent reading and writing in a variety of assignments, and requires students to respond to different material in different ways. Grammar and usage of the English language may also be emphasized. Specific content depends upon state standards for grade 4 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Reading 4**

**Course Number: RDG04OL**  
**SCED: 01032**

Language Arts (grade 4) courses include the four aspects of language use: **reading**, writing, speaking, and listening. This course emphasizes independent reading and writing in a variety of assignments, and requires students to respond to different material in different ways. Grammar and usage of the English language may also be emphasized. Specific content depends upon state standards for grade 4 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

### **Reading 5**

**Course Number: RDG05**  
**SCED: 01033**

Language Arts (grade 5) course includes the four aspects of language use: **reading**, writing, speaking, and listening. This course extends students' skills in composition, writing for particular purposes or audiences, distinguishing meaning and literary functions in texts, and fluency in reading. Specific content depends upon state standards for grade 5 and our focus on the use of priority standards.

### **IBPYP Reading 5**

**Course Number: RDG05PYP**  
**SCED: 01033**

Language Arts (grade 5) course includes the four aspects of language use: reading, writing, speaking, and listening. This course extends students' skills in composition, writing for particular

purposes or audiences, distinguishing meaning and literary functions in texts, and fluency in reading. Specific content depends upon state standards for grade 5 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Reading 5**

**Course Number: RDG05OL**  
**SCED: 01033**

Language Arts (grade 5) course includes the four aspects of language use: **reading**, writing, speaking, and listening. This course extends students' skills in composition, writing for particular purposes or audiences, distinguishing meaning and literary functions in texts, and fluency in reading. Specific content depends upon state standards for grade 5 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

## **Writing**

### **Writing KG**

**Course Number: WRIKG**  
**SCED: 01130**

Language Arts (kindergarten) courses engage students in activities to develop their language arts skills (reading, **writing**, listening, and speaking). This writing (kindergarten) course engages students in activities to develop their writing skills. Course content may emphasize storytelling or personal expression. This course content emphasizes storytelling or reading aloud and evoking a written, oral, or pictorial response. Specific content depends upon state standards for kindergarten and our focus on the use of priority standards.

### **IBPYP Writing KG**

**Course Number: WRIKGPYP**  
**SCED: 01130**

Language Arts (kindergarten) courses engage students in activities to develop their language arts skills (reading, writing, listening, and speaking). This writing (kindergarten) course engages students in activities to develop their writing skills. Course content may emphasize storytelling or personal expression. This course content emphasizes storytelling or reading aloud and evoking a written, oral, or pictorial response. Specific content depends upon state standards for kindergarten and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Writing KG**

**Course Number: WRIKGOL**  
**SCED: 01130**

Language Arts (kindergarten) courses engage students in activities to develop their language arts skills (reading, **writing**, listening, and speaking). This writing (kindergarten) course engages students in activities to develop their writing skills. Course content may emphasize storytelling or personal expression. This course content emphasizes storytelling or reading aloud and evoking a written, oral, or pictorial response. Specific content depends upon state standards for kindergarten and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

### **Writing 1**

**Course Number: WRI01**  
**SCED: 01131**

Language Arts (grade 1) courses include the four aspects of language use: reading, **writing**, speaking, and listening. This course emphasizes recognition of and response to various types of text, extension of vocabulary and writing skills, and the connection of language to the expression of

ideas. Specific content depends upon state standards for grade 1 and our focus on the use of priority standards.

### **IBPYP Writing 1**

**Course Number: WRI01PYP**  
**SCED: 01131**

Language Arts (grade 1) courses include the four aspects of language use: reading, writing, speaking, and listening. This course emphasizes recognition of and response to various types of text, extension of vocabulary and writing skills, and the connection of language to the expression of ideas. Specific content depends upon state standards for grade 1 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Writing 1**

**Course Number: WRI01OL**  
**SCED: 01131**

Language Arts (grade 1) courses include the four aspects of language use: reading, **writing**, speaking, and listening. This course emphasizes recognition of and response to various types of text, extension of vocabulary and writing skills, and the connection of language to the expression of ideas. Specific content depends upon state standards for grade 1 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

### **Writing 2**

**Course Number: WRI02**  
**SCED: 01132**

Language Arts (grade 2) courses include the four aspects of language use: reading, **writing**, speaking, and listening. The writing (grade 2) course focuses on writing skills and builds students' skills in independent writing by increasing writing fluency, vocabulary, and recognition of word and language patterns. This course builds on students' skills in independent reading and writing by increasing reading and writing fluency, vocabulary, and recognition of word and language patterns. They may also introduce or reinforce the rules of grammar. Specific content depends upon state standards for grade 2 and our focus on the use of priority standards.

### **IBPYP Writing 2**

**Course Number: WRI02PYP**  
**SCED: 01132**

Language Arts (grade 2) courses include the four aspects of language use: reading, writing, speaking, and listening. The writing (grade 2) course focuses on writing skills and builds students' skills in independent writing by increasing writing fluency, vocabulary, and recognition of word and language patterns. This course builds on students' skills in independent reading and writing by increasing reading and writing fluency, vocabulary, and recognition of word and language patterns. They may also introduce or reinforce the rules of grammar. Specific content depends upon state standards for grade 2 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Writing 2**

**Course Number: WRI02OL**  
**SCED: 01132**

Language Arts (grade 2) courses include the four aspects of language use: reading, **writing**, speaking, and listening. The writing (grade 2) course focuses on writing skills and builds students' skills in independent writing by increasing writing fluency, vocabulary, and recognition of word and language patterns. This course builds on students' skills in independent reading and writing by increasing reading and writing fluency, vocabulary, and recognition of word and language patterns. They may also introduce or reinforce the rules of grammar. Specific content depends upon state



standards for grade 2 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

### **Writing 3**

**Course Number: WRI03**  
**SCED: 01133**

Language Arts (grade 3) courses include the four aspects of language use: reading, **writing**, speaking, and listening. The writing (grade 3) course focuses on writing skills and emphasizes independent writing in a variety of assignments. This course emphasizes independent reading and writing in a variety of assignments. Some emphasis may also be placed on presentation or oral communication skills. Specific content depends upon state standards for grade 3 and our focus on the use of priority standards.

### **IBPYP Writing 3**

**Course Number: WRI03PYP**  
**SCED: 01133**

Language Arts (grade 3) courses include the four aspects of language use: reading, writing, speaking, and listening. The writing (grade 3) course focuses on writing skills and emphasizes independent writing in a variety of assignments. This course emphasizes independent reading and writing in a variety of assignments. Some emphasis may also be placed on presentation or oral communication skills. Specific content depends upon state standards for grade 3 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Writing 3**

**Course Number: WRI03OL**  
**SCED: 01133**

Language Arts (grade 3) courses include the four aspects of language use: reading, **writing**, speaking, and listening. The writing (grade 3) course focuses on writing skills and emphasizes independent writing in a variety of assignments. This course emphasizes independent reading and writing in a variety of assignments. Some emphasis may also be placed on presentation or oral communication skills. Specific content depends upon state standards for grade 3 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

### **Writing 4**

**Course Number: WRI04**  
**SCED: 01134**

Language Arts (grade 4) courses include the four aspects of language use: reading, **writing**, speaking, and listening. The writing (grade 4) course focuses on writing skills and emphasizes independent writing in a variety of assignments and requires students to respond to different materials in different ways. This course emphasizes independent reading and writing in a variety of assignments, and requires students to respond to different material in different ways. Grammar and usage of the English language may also be emphasized. Specific content depends upon state standards for grade 4 and our focus on the use of priority standards.

### **IBPYP Writing 4**

**Course Number: WRI04PYP**  
**SCED: 01134**

Language Arts (grade 4) courses include the four aspects of language use: reading, writing, speaking, and listening. The writing (grade 4) course focuses on writing skills and emphasizes independent writing in a variety of assignments, and requires students to respond to different materials in different ways. This course emphasizes independent reading and writing in a variety of assignments, and requires students to respond to different material in different ways. Grammar and usage of the English language may also be emphasized. Specific content depends upon state

standards for grade 4 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

#### **YC2S Writing 4**

**Course Number: WRI04OL**  
**SCED: 01134**

Language Arts (grade 4) courses include the four aspects of language use: reading, **writing**, speaking, and listening. The writing (grade 4) course focuses on writing skills and emphasizes independent writing in a variety of assignments and requires students to respond to different materials in different ways. This course emphasizes independent reading and writing in a variety of assignments, and requires students to respond to different material in different ways. Grammar and usage of the English language may also be emphasized. Specific content depends upon state standards for grade 4 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

#### **Writing 5**

**Course Number: WRI 05**  
**SCED: 01135**

Language Arts (grade 5) course includes the four aspects of language use: reading, **writing**, speaking, and listening. The writing (grade 5) course focuses on writing skills and may extend students' skills in writing for particular purposes or audiences, distinguishing meaning and literary functions in texts, and fluency in writing. This course extends students' skills in composition, writing for particular purposes or audiences, distinguishing meaning and literary functions in texts, and fluency in reading. Specific content depends upon state standards for grade 5 and our focus on the use of priority standards.

#### **IBPYP Writing 5**

**Course Number: WRI 05PYP**  
**SCED: 01135**

Language Arts (grade 5) course includes the four aspects of language use: reading, writing, speaking, and listening. The writing (grade 5) course focuses on writing skills and may extend students' skills in writing for particular purposes or audiences, distinguishing meaning and literary functions in texts, and fluency in writing. This course extends students' skills in composition, writing for particular purposes or audiences, distinguishing meaning and literary functions in texts, and fluency in reading. Specific content depends upon state standards for grade 5 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

#### **YC2S Writing 5**

**Course Number: WRI 05OL**  
**SCED: 01135**

Language Arts (grade 5) course includes the four aspects of language use: reading, **writing**, speaking, and listening. The writing (grade 5) course focuses on writing skills and may extend students' skills in writing for particular purposes or audiences, distinguishing meaning and literary functions in texts, and fluency in writing. This course extends students' skills in composition, writing for particular purposes or audiences, distinguishing meaning and literary functions in texts, and fluency in reading. Specific content depends upon state standards for grade 5 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

## Mathematics

### Mathematics KG

**Course Number: MATKG**  
**SCED: 02030**

The mathematics (kindergarten) course introduces and reinforces basic concepts of mathematics such as counting whole numbers and understanding patterns, time, and money. Specific content depends upon state standards for kindergarten and our focus on the use of priority standards.

### IBPYP Mathematics KG

**Course Number: MATKGPYP**  
**SCED: 02030**

The mathematics (kindergarten) course introduces and reinforces basic concepts of mathematics such as counting whole numbers and understanding patterns, time, and money. Specific content depends upon state standards for kindergarten and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### YC2S Mathematics KG

**Course Number: MATKGOL**  
**SCED: 02030**

The mathematics (kindergarten) course introduces and reinforces basic concepts of mathematics such as counting whole numbers and understanding patterns, time, and money. Specific content depends upon state standards for kindergarten and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

### Mathematics 1

**Course Number: MAT01**  
**SCED: 02031**

The mathematics (grade 1) course helps build a conceptual foundation in number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. This course requires students to develop their numerical fluency and to make calculation predictions. Specific content depends upon state standards for grade 1 and our focus on the use of priority standards.

### IBPYP Mathematics 1

**Course Number: MAT01PYP**  
**SCED: 02031**

The mathematics (grade 1) course helps build a conceptual foundation in number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. This course requires students to develop their numerical fluency and to make calculation predictions. Specific content depends upon state standards for grade 1 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### YC2S Mathematics 1

**Course Number: MAT01OL**  
**SCED: 02031**

The mathematics (grade 1) course helps build a conceptual foundation in number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. This course requires students to develop their numerical fluency and to make calculation predictions. Specific content depends upon state standards for grade 1 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

## **Mathematics 2**

**Course Number: MAT02  
SCED: 02032**

The mathematics (grade 2) course continues to build a conceptual foundation in number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. This course requires students to develop their numerical fluency, particularly in addition and subtraction, and to solve problems using those operations as well as estimation. Specific content depends upon state standards for grade 2 and our focus on the use of priority standards.

## **IBPYP Mathematics 2**

**Course Number: MAT02PYP  
SCED: 02032**

The mathematics (grade 2) course continues to build a conceptual foundation in number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. This course requires students to develop their numerical fluency, particularly in addition and subtraction, and to solve problems using those operations as well as estimation. Specific content depends upon state standards for grade 2 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

## **YC2S Mathematics 2**

**Course Number: MAT02OL  
SCED: 02032**

The mathematics (grade 2) course continues to build a conceptual foundation in number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. This course requires students to develop their numerical fluency, particularly in addition and subtraction, and to solve problems using those operations as well as estimation. Specific content depends upon state standards for grade 2 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

## **Mathematics 3**

**Course Number: MAT03  
SCED: 02033**

The mathematics (grade 3) course emphasizes number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. This course requires students to improve their numerical fluency, adding multiplication and division to addition and subtraction operations, using whole numbers and parts (quarters, thirds, halves), and estimation. Specific content depends upon state standards for grade 3 and our focus on the use of priority standards.

## **IBPYP Mathematics 3**

**Course Number: MAT03PYP  
SCED: 02033**

The mathematics (grade 3) course emphasizes number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. This course requires students to improve their numerical fluency, adding multiplication and division to addition and subtraction operations, using whole numbers and parts (quarters, thirds, halves), and estimation. Specific content depends upon state standards for grade 3 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Mathematics 3****Course Number: MAT03OL  
SCED: 02033**

The mathematics (grade 3) course emphasizes number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. This course requires students to improve their numerical fluency, adding multiplication and division to addition and subtraction operations, using whole numbers and parts (quarters, thirds, halves), and estimation. Specific content depends upon state standards for grade 3 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**Mathematics 4****Course Number: MAT04  
SCED: 02034**

This mathematics (grade 4) course emphasizes number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. Course content includes activities that help students increase operational fluency, make connections between abstract symbols and concrete events or concepts, or present conclusions based on data. Specific content depends upon state standards for grade 4 and our focus on the use of priority standards.

**IBPYP Mathematics 4****Course Number: MAT04PY  
SCED: 02034**

This mathematics (grade 4) course emphasizes number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. Course content includes activities that help students increase operational fluency, make connections between abstract symbols and concrete events or concepts, or present conclusions based on data. Specific content depends upon state standards for grade 4 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Mathematics 4****Course Number: MAT04  
SCED: 02034**

This mathematics (grade 4) course emphasizes number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. Course content includes activities that help students increase operational fluency, make connections between abstract symbols and concrete events or concepts, or present conclusions based on data. Specific content depends upon state standards for grade 4 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**Mathematics 5****Course Number: MAT05  
SCED: 02035**

The mathematics (grade 5) course emphasizes number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. Course content includes activities that help students increase operational fluency, make connections between abstract symbols and concrete events or concepts, or present their mathematical reasoning. Specific content depends upon state standards for grade 5 and our focus on the use of priority standards.

**IBPYP Mathematics 5****Course Number: MAT05PYP  
SCED: 02035**

The mathematics (grade 5) course emphasizes number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. Course content includes activities that help students increase operational fluency, make connections between abstract symbols and concrete events or concepts, or present their mathematical reasoning. Specific content depends upon state standards for grade 5 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Mathematics 5****Course Number: MAT05OL  
SCED: 02035**

The mathematics (grade 5) course emphasizes number, operation, and quantitative reasoning; patterns, relationships, and algebraic thinking; geometry and spatial reasoning; and measurement. Course content includes activities that help students increase operational fluency, make connections between abstract symbols and concrete events or concepts, or present their mathematical reasoning. Specific content depends upon state standards for grade 5 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**Science****Science KG****Course Number: SCIKG  
SCED: 03230**

The science (kindergarten) course encourages students to observe and describe properties of organisms, systems, and the environment. Students raise questions, identify patterns, and record observations. Specific content depends upon state standards for kindergarten and our focus on the use of priority standards.

**IBPYP Science KG****Course Number: SCIKGPYP  
SCED: 03230**

The science (kindergarten) course encourages students to observe and describe properties of organisms, systems, and the environment. Students raise questions, identify patterns, and record observations. Specific content depends upon state standards for kindergarten and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Science KG****Course Number: SCIKGOL  
SCED: 03230**

The science (kindergarten) course encourages students to observe and describe properties of organisms, systems, and the environment. Students raise questions, identify patterns, and record observations. Specific content depends upon state standards for kindergarten and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**Science 1****Course Number: SCI01  
SCED: 03231**

The science (grade 1) course allows students to identify interactions and patterns in objects and events and to record observations in written or visual form. Students investigate systems of living organisms and the environment. Specific content depends upon state standards for grade 1 and our

focus on the use of priority standards.

### **IBPYP Science 1**

**Course Number: SCI01PYP**  
**SCED: 03231**

The science (grade 1) course allows students to identify interactions and patterns in objects and events and to record observations in written or visual form. Students investigate systems of living organisms and the environment. Specific content depends upon state standards for grade 1 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Science 1**

**Course Number: SCI010L**  
**SCED: 03231**

The science (grade 1) course allows students to identify interactions and patterns in objects and events and to record observations in written or visual form. Students investigate systems of living organisms and the environment. Specific content depends upon state standards for grade 1 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

### **Science 2**

**Course Number: SCI02**  
**SCED: 03232**

The science (grade 2) course continues to introduce students to basic scientific processes and principles. Course content includes identification of patterns, classification and sequencing, or manipulation of systems to observe interactions between parts and record the effects of change. Specific content depends upon state standards for grade 2 and our focus on the use of priority standards.

### **IBPYP Science 2**

**Course Number: SCI02PYP**  
**SCED: 03232**

The science (grade 2) course continues to introduce students to basic scientific processes and principles. Course content includes identification of patterns, classification and sequencing, or manipulation of systems to observe interactions between parts and record the effects of change. Specific content depends upon state standards for grade 2 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Science 2**

**Course Number: SCI020L**  
**SCED: 03232**

The science (grade 2) course continues to introduce students to basic scientific processes and principles. Course content includes identification of patterns, classification and sequencing, or manipulation of systems to observe interactions between parts and record the effects of change. Specific content depends upon state standards for grade 2 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

### **Science 3**

**Course Number: SCI03**  
**SCED: 03233**

The science (grade 3) course involves observation, measurement, and description of simple systems. Course content may include the scientific process; life and environmental science; and physical, earth, and space science. Specific content depends upon state standards for grade 3 and our focus on the use of priority standards.

**IBPYP Science 3****Course Number: SCI03PYP  
SCED: 03233**

The science (grade 3) course involves observation, measurement, and description of simple systems. Course content may include the scientific process; life and environmental science; and physical, earth, and space science. Specific content depends upon state standards for grade 3 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Science 3****Course Number: SCI03OL  
SCED: 03233**

The science (grade 3) course involves observation, measurement, and description of simple systems. Course content may include the scientific process; life and environmental science; and physical, earth, and space science. Specific content depends upon state standards for grade 3 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**Science 4****Course Number: SCI04  
SCED: 03234**

The science (grade 4) course typically explores complex systems, such as plant and animal adaptation, forces and motion, and physical and chemical changes in matter, or content consistent with state academic standards. Students identify causes and effects of change, make predictions, and gather data from multiple sources. Specific content depends upon state standards for grade 4 and our focus on the use of priority standards.

**IBPYP Science 4****Course Number: SCI04PYP  
SCED: 03234**

The science (grade 4) course typically explores complex systems, such as plant and animal adaptation, forces and motion, and physical and chemical changes in matter, or content consistent with state academic standards. Students identify causes and effects of change, make predictions, and gather data from multiple sources. Specific content depends upon state standards for grade 4 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Science 4****Course Number: SCI04OL  
SCED: 03234**

The science (grade 4) course typically explores complex systems, such as plant and animal adaptation, forces and motion, and physical and chemical changes in matter, or content consistent with state academic standards. Students identify causes and effects of change, make predictions, and gather data from multiple sources. Specific content depends upon state standards for grade 4 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**Science 5****Course Number: SCI05  
SCED: 03235**

The science (grade 5) course builds on the study of various systems. The course includes identification and description of cycles, comparisons of forms of matter and energy, forces, or content consistent with state academic standards. Students make comparisons and interpret and analyze information. Specific content depends upon state standards for grade 5 and our focus on the use of priority standards.



**IBPYP Science 5****Course Number: SCI05PYP  
SCED: 03235**

The science (grade 5) course builds on the study of various systems. The course includes identification and description of cycles, comparisons of forms of matter and energy, forces, or content consistent with state academic standards. Students make comparisons and interpret and analyze information. Specific content depends upon state standards for grade 5 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Science 5****Course Number: SCI05OL  
SCED: 03235**

The science (grade 5) course builds on the study of various systems. The course includes identification and description of cycles, comparisons of forms of matter and energy, forces, or content consistent with state academic standards. Students make comparisons and interpret and analyze information. Specific content depends upon state standards for grade 5 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**Social Studies****Social Studies KG****Course Number: SOCKG  
SCED: 04430**

Social Studies (kindergarten) courses generally provide initial foundations in the social studies disciplines: history, geography, civics and government, and economics. Specific content depends upon state standards for kindergarten and our focus on the use of priority standards.

**IBPYP Social Studies KG****Course Number: SOCKGPYP  
SCED: 04430**

Social Studies (kindergarten) courses generally provide initial foundations in the social studies disciplines: history, geography, civics and government, and economics. Specific content depends upon state standards for kindergarten and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Social Studies KG****Course Number: SOCKGOL  
SCED: 04430**

Social Studies (kindergarten) courses generally provide initial foundations in the social studies disciplines: history, geography, civics and government, and economics. Specific content depends upon state standards for kindergarten and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**Social Studies 1****Course Number: SOC01  
SCED: 04431**

The Social Studies (grade 1) course develops foundational skills in the social studies disciplines: history, geography, civics and government, and economics. These disciplines are often taught together and organized around a theme. Specific content depends upon state standards for grade 1 and our focus on the use of priority standards.

**IBPYP Social Studies 1****Course Number: SOC01PYP  
SCED: 04431**

The Social Studies (grade 1) course develops foundational skills in the social studies disciplines: history, geography, civics and government, and economics. These disciplines are often taught together and organized around a theme. Specific content depends upon state standards for grade 1 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Social Studies 1****Course Number: SOC010L  
SCED: 04431**

The Social Studies (grade 1) course develops foundational skills in the social studies disciplines: history, geography, civics and government, and economics. These disciplines are often taught together and organized around a theme. Specific content depends upon state standards for grade 1 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**Social Studies 2****Course Number: SOC02  
SCED: 04432**

The Social Studies (grade 2) course helps our students reach greater understanding of the social studies disciplines: history, geography, civics and government, and economics. Courses often offer study of these disciplines in an integrated fashion, through the context of a specific theme or discipline, such as state-based social studies or the history of a people. Specific content depends upon state standards for grade 2 and our focus on the use of priority standards.

**IBPYP Social Studies 2****Course Number: SOC02PYP  
SCED: 04432**

The Social Studies (grade 2) course helps our students reach greater understanding of the social studies disciplines: history, geography, civics and government, and economics. Courses often offer study of these disciplines in an integrated fashion, through the context of a specific theme or discipline, such as state-based social studies or the history of a people. Specific content depends upon state standards for grade 2 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Social Studies 2****Course Number: SOC020L  
SCED: 04432**

The Social Studies (grade 2) course helps our students reach greater understanding of the social studies disciplines: history, geography, civics and government, and economics. Courses often offer study of these disciplines in an integrated fashion, through the context of a specific theme or discipline, such as state-based social studies or the history of a people. Specific content depends upon state standards for grade 2 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**Social Studies 3****Course Number: SOC03  
SCED: 04433**

The Social Studies (grade 3) course builds on previous knowledge and introduces concepts in the social studies disciplines: history, geography, civics and government, and economics. Instruction of the disciplines is often integrated for instructional purposes. Students may study these disciplines through the context of a specific theme or discipline, such as state-based social studies or U.S. history. Specific content depends upon state standards for grade 3 and our focus on the use of

priority standards.

### **IBPYP Social Studies 3**

**Course Number: SOC03PYP**  
**SCED: 04433**

The Social Studies (grade 3) course builds on previous knowledge and introduces concepts in the social studies disciplines: history, geography, civics and government, and economics. Instruction of the disciplines is often integrated for instructional purposes. Students may study these disciplines through the context of a specific theme or discipline, such as state-based social studies or U.S. history. Specific content depends upon state standards for grade 3 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Social Studies 3**

**Course Number: SOC03OL**  
**SCED: 04433**

The Social Studies (grade 3) course builds on previous knowledge and introduces concepts in the social studies disciplines: history, geography, civics and government, and economics. Instruction of the disciplines is often integrated for instructional purposes. Students may study these disciplines through the context of a specific theme or discipline, such as state-based social studies or U.S. history. Specific content depends upon state standards for grade 3 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

### **Social Studies 4**

**Course Number: SOC04**  
**SCED: 04434**

The Social Studies (grade 4) course continues to develop skills in history, geography, civics and government, and economics. Although the four disciplines are typically integrated, these courses may take a more discipline-specific approach, such as concentrating on U.S. history, state-specific history, or civic engagement for periods of time. Specific content depends upon state standards for grade 4 and our focus on the use of priority standards.

### **IBPYP Social Studies 4**

**Course Number: SOC04PYP**  
**SCED: 04434**

The Social Studies (grade 4) course continues to develop skills in history, geography, civics and government, and economics. Although the four disciplines are typically integrated, these courses may take a more discipline-specific approach, such as concentrating on U.S. history, state-specific history, or civic engagement for periods of time. Specific content depends upon state standards for grade 4 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Social Studies 4**

**Course Number: SOC04OL**  
**SCED: 04434**

The Social Studies (grade 4) course continues to develop skills in history, geography, civics and government, and economics. Although the four disciplines are typically integrated, these courses may take a more discipline-specific approach, such as concentrating on U.S. history, state-specific history, or civic engagement for periods of time. Specific content depends upon state standards for grade 4 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**Social Studies 5****Course Number: SOC05  
SCED: 04435**

The Social Studies (grade 5) course continues to develop skills in history, geography, civics and government, and economics. These courses may be more discipline-specific (dividing up state history, U.S. history, geography, government, and so on). Specific content depends upon state standards for grade 5 and our focus on the use of priority standards.

**IBPYP Social Studies 5****Course Number: SOC05PYP  
SCED: 04435**

The Social Studies (grade 5) course continues to develop skills in history, geography, civics and government, and economics. These courses may be more discipline-specific (dividing up state history, U.S. history, geography, government, and so on). Specific content depends upon state standards for grade 5 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Social Studies 5****Course Number: SOC050L  
SCED: 04435**

The Social Studies (grade 5) course continues to develop skills in history, geography, civics and government, and economics. These courses may be more discipline-specific (dividing up state history, U.S. history, geography, government, and so on). Specific content depends upon state standards for grade 5 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**Music****Music KG****Course Number: MUSKG  
SCED: 05130**

The Music (kindergarten) course provides developmentally appropriate activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. This specific course content conforms to any existing state standards for kindergarten and our focus on the use of priority standards.

**IBPYP Music KG****Course Number: MUSKGPYP  
SCED: 05130**

The Music (kindergarten) course provides developmentally appropriate activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. This specific course content conforms to any existing state standards for kindergarten and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YCS2 Music KG****Course Number: MUSKGOL  
SCED: 05130**

The Music (kindergarten) course provides developmentally appropriate activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. This specific course content conforms to any existing state standards for kindergarten and our focus on the use of priority standards. We use the Quavers Music Curriculum.

**Music 1****Course Number: MUS01  
SCED: 05131**

The Music (grade 1) course provides activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. The course content involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. This specific course content conforms to any existing state standards for grade 1 and our focus on the use of priority standards.

**IBPYP Music 1****Course Number: MUS01PYP  
SCED: 05131**

The Music (grade 1) course provides activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. The course content involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. This specific course content conforms to any existing state standards for grade 1 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Music 1****Course Number: MUS01OL  
SCED: 05131**

The Music (grade 1) course provides activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. The course content involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. This specific course content conforms to any existing state standards for grade 1 and our focus on the use of priority standards. We use the Quavers Music Curriculum.

**Music 2****Course Number: MUS02  
SCED: 05132**

The Music (grade 2) course provides activities to enable students to create and perform music, listen and respond to musical compositions, and to incorporate their musical experiences with other activities and subjects. The course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. This specific course content conforms to any existing state standards for grade 2 and our focus on the use of priority standards.

**IBPYP Music 2****Course Number: MUS02PYP  
SCED: 05132**

The Music (grade 2) course provides activities to enable students to create and perform music, listen and respond to musical compositions, and to incorporate their musical experiences with other activities and subjects. The course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. This specific course content conforms to any existing state standards for grade 2 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Music 2****Course Number: MUS02OL  
SCED: 05132**

The Music (grade 2) course provides activities to enable students to create and perform music, listen and respond to musical compositions, and to incorporate their musical experiences with other activities and subjects. The course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. This specific course content conforms to any existing state standards for grade 2 and our focus on the use of priority standards. We use the Quavers Music Curriculum.

**Music 3****Course Number: MUS03  
SCED: 05133**

The Music (grade 3) course provides activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. This course content involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. This specific course content conforms to any existing state standards for grade 3 and our focus on the use of priority standards.

**IBPYP Music 3****Course Number: MUS03PYP  
SCED: 05133**

The Music (grade 3) course provides activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. This course content involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. This specific course content conforms to any existing state standards for grade 3 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Music 3****Course Number: MUS03OL  
SCED: 05133**

The Music (grade 3) course provides activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. This course content involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. This specific course content conforms to any existing state standards for grade 3 and our focus on the use of priority standards. We use the Quavers Music Curriculum.

**Music 4****Course Number: MUS04  
SCED: 05134**

The Music (grade 4) course provides activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. This course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. This specific course content conforms to any existing state standards for grade 4 and our focus on the use of priority standards.

**IBPYP Music 4****Course Number: MUS04PYP  
SCED: 05134**

The Music (grade 4) course provides activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. This course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. This specific course content conforms to any existing state standards for grade 4 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Music 4****Course Number: MUS04OL  
SCED: 05134**

The Music (grade 4) course provides activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. This course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. This specific course content conforms to any existing state standards for grade 4 and our focus on the use of priority standards. We use the Quavers Music Curriculum.

**Music 5****Course Number: MUS05  
SCED: 05135**

The Music (grade 5) course provides activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. The course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. This specific course content conforms to any existing state standards for grade 5 and our focus on the use of priority standards.

**IBPYP Music 5****Course Number: MUS05PYP  
SCED: 05135**

The Music (grade 5) course provides activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. The course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. This specific course content conforms to any existing state standards for grade 5 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YCS2 Music 5****Course Number: MUS05OL  
SCED: 05135**

The Music (grade 5) course provides activities to enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. The course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and establishing the ability to discern and critique. This specific course content conforms to any existing state standards for grade 5 and our focus on the use of priority standards. We use the Quavers Music Curriculum.

## Art Education

### Art Education

**Course Number: ARTPK**  
**SCED: 05179**

Art (pre-kindergarten) courses provide developmentally appropriate activities to foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for pre-kindergarten.

### Art Education K

**Course Number: ARTKG**  
**SCED: 05180**

Art (kindergarten) courses provide developmentally appropriate activities to foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for kindergarten.

### IBPYP Art Education K

**Course Number: ARTKGPYP**  
**SCED: 05180**

Art (kindergarten) courses provide developmentally appropriate activities to foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for kindergarten. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### YC2S Art Education K

**Course Number: ARTKGOL**  
**SCED: 05180**

Art (kindergarten) courses provide developmentally appropriate activities to foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for kindergarten.

### Art Education 1

**Course Number: ART01**  
**SCED: 05181**

Art (grade 1) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, and strengthen their critical abilities. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for grade 1.

### IBPYP Art Education 1

**Course Number: ART01PYP**  
**SCED: 05181**

Art (grade 1) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that



enable students to refine their technique, increase their artistic vocabulary, and strengthen their critical abilities. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for grade 1. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Art Education 1**

**Course Number: ART010L**  
**SCED: 05181**

Art (grade 1) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, and strengthen their critical abilities. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for grade 1.

### **Art Education 2**

**Course Number: ART02**  
**SCED: 05182**

Art (grade 2) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, and strengthen their critical abilities. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for grade 2.

### **IBPYP Art Education 2**

**Course Number: ART02PYP**  
**SCED: 05182**

Art (grade 2) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, and strengthen their critical abilities. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for grade 2. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Art Education 2**

**Course Number: ART020L**  
**SCED: 05182**

Art (grade 2) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, and strengthen their critical abilities. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for grade 2.

### **Art Education 3**

**Course Number: ART03**  
**SCED: 05183**

Art (grade 3) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, and strengthen their

critical abilities. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for grade 3.

### **IBPYP Art Education 3**

**Course Number: ART03PYP**  
**SCED: 05183**

Art (grade 3) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, and strengthen their critical abilities. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for grade 3. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Art Education 3**

**Course Number: ART03OL**  
**SCED: 05183**

Art (grade 3) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, and strengthen their critical abilities. Although the art form typically involves visual arts (drawing, painting, sculpture, crafts, and the like), students may also explore other forms of art such as dance, music, and theater. Specific course content conforms to any existing state standards for grade 3.

### **Art Education 4**

**Course Number: ART04**  
**SCED: 05184**

Art (grade 4) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their worldview, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 4.

### **IBPYP Art Education 4**

**Course Number: ART04PYP**  
**SCED: 05184**

Art (grade 4) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their worldview, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 4. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Art Education 4****Course Number: ART040L  
SCED: 05184**

Art (grade 4) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their worldview, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 4.

**Art Education 5****Course Number: ART05  
SCED: 05185**

Art (grade 5) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their worldview, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 5.

**IBPYP Art Education 5****Course Number: ART05PYP  
SCED: 05185**

Art (grade 5) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their worldview, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 5. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Art Education 5****Course Number: ART050L  
SCED: 05185**

Art (grade 5) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their worldview, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grade 5.

## Physical Education

### Physical Education

**Course Number: PEPK**  
**SCED: 08103**

Our Physical Education courses emphasize fundamental movement skills, body awareness and control, safety, and the enjoyment of physical activity. Specific content depends upon state standards and our focus on the use of priority standards.

### Physical Education KG

**Course Number: PEKG**  
**SCED: 08104**

This Physical Education (kindergarten) course emphasizes fundamental movement skills, body awareness and control, safety, and the enjoyment of physical activity. The specific content depends upon state standards for kindergarten and our focus on the use of priority standards.

### IBPYP Physical Education KG

**Course Number: PEKGPYP**  
**SCED: 08104**

This Physical Education (kindergarten) course emphasizes fundamental movement skills, body awareness and control, safety, and the enjoyment of physical activity. The specific content depends upon state standards for kindergarten and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (IBPYP) of the International Baccalaureate.

### YC2S Physical Education KG

**Course Number: PEKGOL**  
**SCED: 08104**

This Physical Education (kindergarten) course emphasizes fundamental movement skills, body awareness and control, safety, and the enjoyment of physical activity. The specific content depends upon state standards for kindergarten and our focus on the use of priority standards.

### Physical Education 1

**Course Number: PE01**  
**SCED: 08105**

This Physical Education (grade 1) course emphasizes knowledge and skills that lead to health, enjoyment, and social development through physical activity. This course content includes activities that strengthen gross and fine motor skills, body awareness, safety, and the relationship between physical activity and health. Specific content depends upon state standards for grade 1 and our focus on the use of priority standards.

### IBPYP Physical Education 1

**Course Number: PE01PYP**  
**SCED: 08105**

This Physical Education (grade 1) course emphasizes knowledge and skills that lead to health, enjoyment, and social development through physical activity. This course content includes activities that strengthen gross and fine motor skills, body awareness, safety, and the relationship between physical activity and health. Specific content depends upon state standards for grade 1 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YCS2 Physical Education 1****Course Number: PE010L  
SCED: 08105**

This Physical Education (grade 1) course emphasizes knowledge and skills that lead to health, enjoyment, and social development through physical activity. This course content includes activities that strengthen gross and fine motor skills, body awareness, safety, and the relationship between physical activity and health. Specific content depends upon state standards for grade 1 and our focus on the use of priority standards.

**Physical Education 2****Course Number: PE02  
SCED: 08106**

This Physical Education (grade 2) course emphasizes knowledge and skills that lead to health, enjoyment, and social development through physical activity. The course content includes activities that strengthen gross and fine motor skills, body awareness, safety, and the relationship between physical activity and health. Specific content depends upon state standards for grade 2 and our focus on the use of priority standards.

**IBPYP Physical Education 2****Course Number: PE02PYP  
SCED: 08106**

This Physical Education (grade 2) course emphasizes knowledge and skills that lead to health, enjoyment, and social development through physical activity. The course content includes activities that strengthen gross and fine motor skills, body awareness, safety, and the relationship between physical activity and health. Specific content depends upon state standards for grade 2 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Physical Education 2****Course Number: PE02OL  
SCED: 08106**

This Physical Education (grade 2) course emphasizes knowledge and skills that lead to health, enjoyment, and social development through physical activity. The course content includes activities that strengthen gross and fine motor skills, body awareness, safety, and the relationship between physical activity and health. Specific content depends upon state standards for grade 2 and our focus on the use of priority standards.

**Physical Education 3****Course Number: PE03  
SCED: 08107**

This Physical Education (grade 3) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Locomotor skills, strength, endurance, flexibility, safety, and rules and conventions of games and sports are often the focus; health education topics may also be included. Specific content depends upon state standards for grade 3 and our focus on the use of priority standards.

**IBPYP Physical Education 3****Course Number: PE03PYP  
SCED: 08107**

This Physical Education (grade 3) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Locomotor skills, strength, endurance, flexibility, safety, and rules and conventions of games and sports are often the focus; health education topics may also be included. Specific content depends upon state standards for grade 3 and our focus on the use of priority standards.

This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Physical Education 3**

**Course Number: PE03OL**

**SCED: 08107**

This Physical Education (grade 3) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Locomotor skills, strength, endurance, flexibility, safety, and rules and conventions of games and sports are often the focus; health education topics may also be included. Specific content depends upon state standards for grade 3 and our focus on the use of priority standards.

### **Physical Education 4**

**Course Number: PE04**

**SCED: 08108**

This Physical Education (grade 4) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Locomotor skills, strength, endurance, flexibility, safety, and rules and conventions of games and sports are often the focus; health education topics may also be included. Specific content depends upon state standards for grade 4 and our focus on the use of priority standards.

### **IBPYP Physical Education 4**

**Course Number: PE04PYP**

**SCED: 08108**

This Physical Education (grade 4) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Locomotor skills, strength, endurance, flexibility, safety, and rules and conventions of games and sports are often the focus; health education topics may also be included. Specific content depends upon state standards for grade 4 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Physical Education 4**

**Course Number: PE04OL**

**SCED: 08108**

This Physical Education (grade 4) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Locomotor skills, strength, endurance, flexibility, safety, and rules and conventions of games and sports are often the focus; health education topics may also be included. Specific content depends upon state standards for grade 4 and our focus on the use of priority standards.

### **Physical Education 5**

**Course Number: PE05**

**SCED: 08109**

This Physical Education (grade 5) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Locomotor skills, strength, endurance, flexibility, safety, and rules and conventions of games and sports are often the focus; health education topics may also be included. Specific content depends upon state standards for grade 5 and our focus on the use of priority standards.

### **IBPYP Physical Education 5**

**Course Number: PE05PYP**

**SCED: 08109**

This Physical Education (grade 5) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Locomotor skills, strength, endurance, flexibility, safety, and rules and conventions

of games and sports are often the focus; health education topics may also be included. Specific content depends upon state standards for grade 5 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Physical Education 5**

**Course Number: PE05OL**

**SCED: 08109**

This Physical Education (grade 5) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Locomotor skills, strength, endurance, flexibility, safety, and rules and conventions of games and sports are often the focus; health education topics may also be included. Specific content depends upon state standards for grade 5 and our focus on the use of priority standards.

## **World Language Education**

### **Spanish**

**Course Number: SPA**

**SCED: 24050PK**

Spanish (pre-kindergarten) course engages students in developmentally appropriate activities to acquire the language arts skills (listening, speaking, reading, and writing) necessary to communicate in the Spanish language. Course content typically includes some introduction to other cultures. Specific content depends upon state standards for pre-kindergarten.

### **Spanish K**

**Course Number: SPAKG**

**SCED: 24050KG**

Spanish (kindergarten) course engages students in developmentally appropriate activities to acquire the language arts skills (listening, speaking, reading, and writing) necessary to communicate in the Spanish language. Course content typically includes some introduction to other cultures. Specific content depends upon state standards for kindergarten.

### **IBPYP Spanish K**

**Course Number: SPAKGPYP**

**SCED: 24050KG**

Spanish (kindergarten) course engages students in developmentally appropriate activities to acquire the language arts skills (listening, speaking, reading, and writing) necessary to communicate in the Spanish language. Course content typically includes some introduction to other cultures. Specific content depends upon state standards for kindergarten. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Spanish K**

**Course Number: SPAKGOL**

**SCED: 24050KG**

Spanish (kindergarten) course engages students in developmentally appropriate activities to acquire the language arts skills (listening, speaking, reading, and writing) necessary to communicate in the Spanish language. Course content typically includes some introduction to other cultures. Specific content depends upon state standards for kindergarten.

## **Spanish 1**

**Course Number: SPA01**  
**SCED: 2405001**

Spanish (grade 1) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. This course may emphasize recognition of written words, vocabulary, speech patterns, and grammar. Cultural aspects (major events, foods, art, and so on) of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 1.

## **IBPYP Spanish 1**

**Course Number: SPA01PYP**  
**SCED: 2405001**

Spanish (grade 1) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. This course may emphasize recognition of written words, vocabulary, speech patterns, and grammar. Cultural aspects (major events, foods, art, and so on) of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 1. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

## **YC2S Spanish 1**

**Course Number: SPA010L**  
**SCED: 2405001**

Spanish (grade 1) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. This course may emphasize recognition of written words, vocabulary, speech patterns, and grammar. Cultural aspects (major events, foods, art, and so on) of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 1.

## **Spanish 2**

**Course Number: SPA02**  
**SCED: 2405002**

Spanish (grade 2) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. These courses may emphasize recognition of written words, vocabulary, speech patterns, and grammar so that students become more independent communicators. Cultural aspects (major events, foods, art, and so on) of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 2.

## **IBPYP Spanish 2**

**Course Number: SPA02PYP**  
**SCED: 2405002**

Spanish (grade 2) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. These courses may emphasize recognition of written words, vocabulary, speech patterns, and grammar so that students become more independent communicators. Cultural aspects (major events, foods, art, and so on) of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 2. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

## **YC2S Spanish 2**

**Course Number: SPA020L**  
**SCED: 2405002**

Spanish (grade 2) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. These courses may emphasize recognition of written



words, vocabulary, speech patterns, and grammar so that students become more independent communicators. Cultural aspects (major events, foods, art, and so on) of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 2.

### **Spanish 3**

**Course Number: SPA03**

**SCED: 2405003**

Spanish (grade 3) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. These courses may emphasize recognition of written words, vocabulary, speech patterns, and grammar so that students become more independent communicators. Cultural aspects (major events, foods, art, and so on) of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 3.

### **IBPYP Spanish 3**

**Course Number: SPA03PYP**

**SCED: 2405003**

Spanish (grade 3) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. These courses may emphasize recognition of written words, vocabulary, speech patterns, and grammar so that students become more independent communicators. Cultural aspects (major events, foods, art, and so on) of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 3. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

### **YC2S Spanish 3**

**Course Number: SPA03OL**

**SCED: 2405003**

Spanish (grade 3) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. These courses may emphasize recognition of written words, vocabulary, speech patterns, and grammar so that students become more independent communicators. Cultural aspects (major events, foods, art, and so on) of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 3.

### **Spanish 4**

**Course Number: SPA04**

**SCED: 2405004**

Spanish (grade 4) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. Cultural and/or historical aspects of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 4.

### **IBPYP Spanish 4**

**Course Number: SPA04PYP**

**SCED: 2405004**

Spanish (grade 4) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. Cultural and/or historical aspects of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 4. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Spanish 4****Course Number: SPA04OL  
SCED: 2405004**

Spanish (grade 4) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. Cultural and/or historical aspects of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 4.

**Spanish 5****Course Number: SPA05  
SCED: 2405005**

Spanish (grade 5) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. Cultural and/or historical aspects of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 5.

**IBPYP Spanish 5****Course Number: SPA05PYP  
SCED: 2405005**

Spanish (grade 5) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. Cultural and/or historical aspects of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 5. This course is designed to meet both the Michigan State Content Standards and the Framework for the Primary Years Programme (PYP) of the International Baccalaureate.

**YC2S Spanish 5****Course Number: SPA05OL  
SCED: 2405005**

Spanish (grade 5) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. Cultural and/or historical aspects of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 5.

# 6 - 8 Course Catalog

## English Language Arts

### English Language Arts

**Course Number: MS510371**

**SCED: 01034**

Our Language Arts courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and include the four aspects of language use: reading, writing, speaking, and listening. These courses use various genres of literature to improve reading skills, and they link writing exercises for different purposes to those reading selections. Specific content depends upon state standards and our focus on the use of priority standards.

### English Language Arts 6

**Course Number: MS510341**

**SCED: 01034**

The English Language Arts (grade 6) course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and includes the four aspects of language use: reading, writing, speaking, and listening. This course emphasizes the use of language for different effects, in different contexts, and for different purposes. Specific content depends upon state standards for grade 6 and our focus on the use of priority standards.

### IBMYP Language & Literature 6

**Course Number: MS510341MYP**

**SCED: 01034**

The English Language Arts (grade 6) course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and includes the four aspects of language use: reading, writing, speaking, and listening. This course emphasizes the use of language for different effects, in different contexts, and for different purposes. Specific content depends upon state standards for grade 6 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

### YC2S English Language Arts 6

**Course Number: MS5103410L**

**SCED: 01034**

The English Language Arts (grade 6) course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and includes the four aspects of language use: reading, writing, speaking, and listening. This course emphasizes the use of language for different effects, in different contexts, and for different purposes. Specific content depends upon state standards for grade 6 and our focus on the use of priority standards.

### English Language Arts 7

**Course Number: MS510351**

**SCED: 01035**

The English Language Arts (grade 7) course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and includes the four aspects of language use: reading, writing, speaking, and listening. Beyond emphasizing different uses for language, this course includes using language (particularly written text) to construct meaning and connections. Specific content depends upon state standards for grade 7 and our focus on the use of priority standards.

**IBMYP Language & Literature 7****Course Number: MS510351MYP  
SCED: 01035**

The English Language Arts (grade 7) course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and includes the four aspects of language use: reading, writing, speaking, and listening. Beyond emphasizing different uses for language, this course includes using language (particularly written text) to construct meaning and connections. Specific content depends upon state standards for grade 7 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**YC2S English Language Arts 7****Course Number: MS510351OL  
SCED: 01035**

The English Language Arts (grade 7) course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and includes the four aspects of language use: reading, writing, speaking, and listening. Beyond emphasizing different uses for language, this course includes using language (particularly written text) to construct meaning and connections. Specific content depends upon state standards for grade 7 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**English Language Arts 8****Course Number: MS510361  
SCED: 01036**

The English Language Arts (grade 8) course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and includes the four aspects of language use: reading, writing, speaking, and listening. This course uses various genres of literature to improve reading skills, and they link writing exercises for different purposes to those reading selections. Specific content depends upon state standards for grade 8 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**IBMYP Language & Literature 8****Course Number: MS510361MYP  
SCED: 01036**

The English Language Arts (grade 8) course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and includes the four aspects of language use: reading, writing, speaking, and listening. This course uses various genres of literature to improve reading skills, and it links writing exercises for different purposes to those reading selections. Specific content depends upon state standards for grade 8 and our focus on the use of priority standards. We use the HMH Anywhere curriculum. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**YC2S English Language Arts 8****Course Number: MS510361OL  
SCED: 01036**

The English Language Arts (grade 8) course builds upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing, and includes the four aspects of language use: reading, writing, speaking, and listening. This course uses various genres of literature to improve reading skills, and it links writing exercises for different purposes to those reading selections. Specific content depends upon state standards for grade 8 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

## Mathematics

### Mathematics

**Course Number: MS520391**

**SCED: 02 039**

The Mathematics courses emphasize skills in numerical operations (including basic operations and their proper order); measurement; patterns; simple functions; geometry; and concepts of data analysis, including statistics and probability. Specific content depends upon state standards and our focus on the use of priority standards.

### Mathematics 6

**Course Number: MS520361**

**SCED: 02036**

The Mathematics (grade 6) course emphasizes skills in numerical operations (including basic operations and their proper order); measurement; patterns; simple functions; geometry; and concepts of data analysis, including statistics and probability. Specific content depends upon state standards for grade 6 and our focus on the use of priority standards.

### IBMYP Mathematics 6

**Course Number: MS520361MYP**

**SCED: 02036**

The Mathematics (grade 6) course emphasizes skills in numerical operations (including basic operations and their proper order); measurement; patterns; simple functions; geometry; and concepts of data analysis, including statistics and probability. Specific content depends upon state standards for grade 6 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

### YC2S Mathematics 6

**Course Number: MS5203610L**

**SCED: 02036**

The Mathematics (grade 6) course emphasizes skills in numerical operations (including basic operations and their proper order); measurement; patterns; simple functions; geometry; and concepts of data analysis, including statistics and probability. Specific content depends upon state standards for grade 6 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

### Mathematics 7

**Course Number: MS520371**

**SCED: 02037**

The Mathematics (grade 7) course emphasizes proficiency in skills involving numbers and operations; measurement; patterns; functions; algebraic formulas; geometry; and concepts of data analysis, including statistics and probability. Specific content depends upon state standards for grade 7 and our focus on the use of priority standards.

### IBMYP Mathematics 7

**Course Number: MS520371MYP**

**SCED: 02037**

The Mathematics (grade 7) course emphasizes proficiency in skills involving numbers and operations; measurement; patterns; functions; algebraic formulas; geometry; and concepts of data analysis, including statistics and probability. Specific content depends upon state standards for grade 7 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**YC2S Mathematics 7****Course Number: MS5203710L**  
**SCED: 020237**

The Mathematics (grade 7) course emphasizes proficiency in skills involving numbers and operations; measurement; patterns; functions; algebraic formulas; geometry; and concepts of data analysis, including statistics and probability. Specific content depends upon state standards for grade 7 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**Mathematics 8****Course Number: MS520381**  
**SCED: 02038**

The Mathematics (grade 8) course emphasizes proficiency in skills involving numbers and operations, measurement, patterns, simple functions, algebra, geometry, statistics, and probability. Specific content depends upon state standards for grade 8 and our focus on the use of priority standards.

**YC2S Mathematics 8****Course Number: MS5203810L**  
**SCED: 02038**

The Mathematics (grade 8) course emphasizes proficiency in skills involving numbers and operations, measurement, patterns, simple functions, algebra, geometry, statistics, and probability. Specific content depends upon state standards for grade 8 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**IBMYP Algebra 1 for 8th Graders****Course MS0205201MYP**  
**SCED: 020252**

Algebra I includes the study of properties and operations of the real number system; solving and graphing first degree equations and inequalities; translating word problems into equations; exponential growth and decay, systems of linear equations, introduction to statistics, operations with and factoring of polynomials; and introductions to graphs of quadratic equations.

**Science****Science****Course Number: MS532391**  
**SCED: 03239**

The Science courses include subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**Science 6****Course Number: MS532361**  
**SCED: 03236**

The Science (grade 6) course includes subject matter from several strands of science, including earth/space sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 6 and our focus on the use of priority standards.

**IBMYP Science 6****Course Number: MS532361MYP**  
**SCED: 03236**

The Science (grade 6) course includes subject matter from several strands of science, including earth/space sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 6 and our

focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

### **YC2S Science 6**

**Course Number: MS5323610L**  
**SCED: 03236**

The Science (grade 6) course includes subject matter from several strands of science, including earth/space sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 6 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

### **Science 7**

**Course Number: MS532371**  
**SCED: 03237**

The Science (grade 7) course builds on previous years of scientific inquiry and typically includes subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 7 and our focus on the use of priority standards.

### **IBMYP Science 7**

**Course Number: MS532371MYP**  
**SCED: 03237**

The Science (grade 7) course builds on previous years of scientific inquiry and typically includes subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 7 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

### **YCS2 Science 7**

**Course Number: MS5323710L**  
**SCED: 03237**

The Science (grade 7) course builds on previous years of scientific inquiry and typically includes subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 7 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

### **Science 8**

**Course Number: MS532381**  
**SCED: 03238**

The Science (grade 8) course includes subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 8 and our focus on the use of priority standards.

### **IBMYP Science 8**

**Course Number: MS532381MYP**  
**SCED: 03238**

The Science (grade 8) course includes subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 8 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

## **YCS2 Science 8**

**Course Number: MS5323810L**  
**SCED: 03238**

The Science (grade 8) course includes subject matter from several strands of science, including earth sciences, physical sciences, and life or environmental sciences, and may organize material around thematic units. Specific content depends upon state standards for grade 8 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

## **Social Studies**

### **Social Studies**

**Course Number: MS544391**  
**SCED:**

The Social Studies courses provide a greater understanding of social studies disciplines, including history, geography, civics and government, and economics. These courses often focus on the history, culture, and government of various specific world societies. Typically, students develop skills used in the social studies disciplines. Specific content depends upon state standards and our focus on the use of priority standards.

### **Social Studies 6**

**Course Number: MS544361**  
**SCED: 04436**

The Social Studies (grade 6) course provides a greater understanding of social studies disciplines, including history, geography, civics and government, and economics. This course focuses on the history, culture, and government of various specific world societies. Students develop skills used in the social studies disciplines. Specific content depends upon state standards for grade 6 and our focus on the use of priority standards.

### **IBMYP Individuals & Societies 6**

**Course Number: MS544361MYP**  
**SCED: 04436**

The Social Studies (grade 6) course provides a greater understanding of social studies disciplines, including history, geography, civics and government, and economics. This course focuses on the history, culture, and government of various specific world societies. Students develop skills used in the social studies disciplines. Specific content depends upon state standards for grade 6 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

### **YC2S Social Studies 6**

**Course Number: MS5443610L**  
**SCED: 04436**

The Social Studies (grade 6) course provides a greater understanding of social studies disciplines, including history, geography, civics and government, and economics. This course focuses on the history, culture, and government of various specific world societies. Students develop skills used in the social studies disciplines. Specific content depends upon state standards for grade 6 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

### **Social Studies 7**

**Course Number: MS544371**  
**SCED: 04437**

The Social Studies (grade 7) course provides continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. Specific content depends upon state standards for grade 7 and our focus on the use of priority standards.



**IBMYP Individuals & Societies 7****Course Number: MS544371MYP  
SCED: 04437**

The Social Studies (grade 7) course provides continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. Specific content depends upon state standards for grade 7 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**YC2S Social Studies 7****Course Number: MS544371OL  
SCED: 04437**

The Social Studies (grade 7) course provides continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. Specific content depends upon state standards for grade 7 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**Social Studies 8****Course Number: MS544381  
SCED: 04438**

The Social Studies (grade 8) course provides continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. This course focuses on single disciplines at a time (e.g., state-specific history and government, U.S. history, world history, or civics) to develop discipline-related skills. Specific content depends upon state standards for grade 8 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**IBMYP Individuals & Societies 8****Course Number: MS544381MYP  
SCED: 04438**

The Social Studies (grade 8) course provides continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. This course focuses on single disciplines at a time (e.g., state-specific history and government, U.S. history, world history, or civics) to develop discipline-related skills. Specific content depends upon state standards for grade 8 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**YC2S Social Studies 8****Course Number: MS544381OL  
SCED: 04438**

The Social Studies (grade 8) course provides continued development of understanding and skills in the social studies disciplines: history, geography, civics and government, and economics. This course focuses on single disciplines at a time (e.g., state-specific history and government, U.S. history, world history, or civics) to develop discipline-related skills. Specific content depends upon state standards for grade 8 and our focus on the use of priority standards. We use the HMH Anywhere curriculum.

**Beable: World of Work****Course Number: MS89435  
SCED: 22151**

Beable is an engaging and insightful course designed to help middle school students navigate the exciting journey of career exploration. By utilizing the RIASEC framework, students will uncover their strengths, interests, and values to discover careers that are a perfect fit for them. Each lesson focuses on a different RIASEC theme: Realistic, Investigative, Artistic, Social, Enterprising, and Conventional. Students will explore hands-on careers in the Realistic theme, delve into inquisitive Investigative professions, express creativity through Artistic fields, discover the joy of helping

others in Social careers, embrace leadership opportunities in the Enterprising theme, and appreciate the precision required in Conventional roles. Through this course, students will gain a deeper understanding of themselves and the wide array of career possibilities that align with their unique talents and aspirations.

### **Black History 365**

**Course Number: MS551126**

**SCED: 04065**

African-American History is a course that explores the historical expanse of the African diaspora in America, starting in Africa and examining the African and African American experience through 1865. Taking a thematic approach, the course highlights the achievements, contributions, and roles of African Americans in the growth and development of the United States, focusing on the impact of slavery on African Americans and the economy. Students will analyze the influence of Black Americans on the American experience and how it shaped a uniquely African American culture. The class promotes critical thinking about race and systems of difference that affect individual and group interactions, American identity, and culture. Learning involves teacher-guided lectures, discussions, collaborative activities, problem-solving, writing, and creative projects.

### **Mysteries in History**

**Course Number: SS4567**

**SCED: 04065**

With guidance, students will set the parameters of their original historical inquiry, and will be encouraged to develop their own responses to a historical question. Students are expected to draw on a combination of primary and secondary sources to develop and present their original conclusions to an appropriate audience.

### **History of Animation**

**Course Number: SS45699**

**SCED: 04950**

This course explores the origins and development of moving drawings from early material from Walt Disney to the proliferation of Japanese animation beginning in the 1980s. While viewing examples of various animations is central to the class, we will also consider the evolution of the technical processes used to produce animation and the corporate structures used to fund and market animated entertainment.

## **Physical Education**

### **Physical Education**

**Course Number: MS580391**

**SCED: 08001**

The Physical Education courses typically involve the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities typically include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards and our focus on the use of priority standards.

### **Physical Education 6**

**Course Number: MS580361**

**SCED: 08110**

The Physical Education (grade 6) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities include those that increase strength, endurance, and flexibility; reinforce

safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 6 and our focus on the use of priority standards.

### **IBMYP Physical Education 6**

**Course Number: MS580361MYP**

**SCED: 0804013**

The Physical Education (grade 6) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 6 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

### **YC2S Physical Education 6**

**Course Number: MS5803610L**

**SCED: 08110**

The Physical Education (grade 6) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 6 and our focus on the use of priority standards.

### **Physical Education 7**

**Course Number: MS580371**

**SCED: 08037**

The Physical Education (grade 7) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 7 and our focus on the use of priority standards.

### **IBMYP Physical Education 7**

**Course Number: MS580371**

**SCED: 0804023**

The Physical Education (grade 7) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 7 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**YC2S Physical Education 7****Course Number: MS5803710L**  
**SCED: 08037**

The Physical Education (grade 7) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 7 and our focus on the use of priority standards.

**Physical Education 8****Course Number: MS580381**  
**SCED: 08038**

The Physical Education (grade 8) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 8 and our focus on the use of priority standards.

**IBMYP Physical Education 8****Course Number: MS580381MYP**  
**SCED: 0804033**

The Physical Education (grade 8) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 8 and our focus on the use of priority standards. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**YC2S Physical Education 8****Course Number: MS5803810L**  
**SCED: 08038**

The Physical Education (grade 8) course involves the acquisition of knowledge and skills that provide the foundation for sport, a physically active lifestyle, and social development through physical activity. Activities include those that increase strength, endurance, and flexibility; reinforce safe technique; teach the rules and conventions of games and sports; and explore the relationship between physical activity and health. Health topics (such as the effects of drugs and alcohol, sexual education, and healthy lifestyles) may also be included. Specific content depends upon state standards for grade 8 and our focus on the use of priority standards.

**Team Sports****Course Number: MS580381**  
**SCED: 08002**

Our Team Sports class offers students an exciting opportunity to learn and engage in a variety of team-based sports, including basketball, football, soccer, floor hockey, lacrosse, and volleyball. Through hands-on instruction and practice, students will gain a solid understanding of the rules, strategies, and techniques for each sport. Emphasis is placed on teamwork, communication, and sportsmanship, helping students develop both their athletic skills and their ability to work effectively as part of a team. Whether a beginner or an experienced player, each student will have

the chance to improve their skills, boost their confidence, and foster a love for physical activity in a supportive and energetic environment.

## Music

### **Beginning Band**

**Course Number: MS551012**

**SCED: 0510112**

This course is designed for students wishing to learn how to play a band instrument. All entering band students are assigned to this band, unless an audition warrants alternative placement. 6th grade band is a performing class with experiences in woodwinds, brass, and percussion techniques. Students will learn basic technique, embouchure, tonguing, and more as the year progresses. Students will learn to read music. By the end of the year, students will be playing upper level beginning band music.

### **IBMYP Beginning Band**

**Course Number: MS551012MYP**

**SCED: 0510112**

This course is designed for students wishing to learn how to play a band instrument. All entering band students are assigned to this band, unless an audition warrants alternative placement. 6th grade band is a performing class with experiences in woodwinds, brass, and percussion techniques. Students will learn basic technique, embouchure, tonguing, and more as the year progresses. Students will learn to read music. By the end of the year, students will be playing upper level beginning band music. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

### **Band 7**

**Course Number: MS551014**

**SCED: 1510122**

This course is designed for students with at least one year of previous playing experience through sixth grade level on brass, woodwind, percussion. Students will be expected to utilize their musical knowledge from the previous year to build on those skills for continued and satisfactory progress. This is a performance-based class and emphasis will be placed on developing pitch/rhythmic accuracy, tone production, intonation, and group ensemble performance.

### **IBMYP Band 7**

**Course Number: MS551014MYP**

**SCED: 0510122**

This course is designed for students with at least one year of previous playing experience through sixth grade level on brass, woodwind, percussion. Students will be expected to utilize their musical knowledge from the previous year to build on those skills for continued and satisfactory progress. This is a performance-based class and emphasis will be placed on developing pitch/rhythmic accuracy, tone production, intonation, and group ensemble performance. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

### **Concert Band 8**

**Course Number: MS551012**

**SCED: 05102**

This course is designed for students with at least two years of previous playing experience through seventh grade level on brass, woodwind, percussion. Students will be expected to utilize their musical knowledge from the previous two years to build on those skills for continued and satisfactory progress. This is a performance-based class and students will focus on developing their

instrumental performance skills, pitch/rhythmic accuracy, tone quality/production, to facilitate higher levels of musical expression in a large performing musical ensemble. Students will learn major scales, arpeggios, expand their range, and more advanced band literature as they prepare for high school band.

### **IBMYP Concert Band 8**

**Course Number: MS551012MYP**  
**SCED: 05102**

This course is designed for students with at least two years of previous playing experience through seventh grade level on brass, woodwind, percussion. Students will be expected to utilize their musical knowledge from the previous two years to build on those skills for continued and satisfactory progress. This is a performance-based class and students will focus on developing their instrumental performance skills, pitch/rhythmic accuracy, tone quality/production, to facilitate higher levels of musical expression in a large performing musical ensemble. Students will learn major scales, arpeggios, expand their range, and more advanced band literature as they prepare for high school band. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

### **Choir**

**Course Number: MS551101**  
**SCED: 05110**

Choir students will develop and practice vocal production and technique, music reading skills, sight-singing skills, and performance skills. Choir students sing songs from a variety of music genres and cultures. This is a year-long performance-based class and students will be expected to perform for schools and community events.

### **IBMYP Choir**

**Course Number: MS551101MYP**  
**SCED: 05110**

Choir students will develop and practice vocal production and technique, music reading skills, sight-singing skills, and performance skills. Choir students sing songs from a variety of music genres and cultures. This is a year-long performance-based class and students will be expected to perform for schools and community events. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

### **YC2S Music**

**Course Number: MS5513910L**  
**SCED: 05136**

The Music (grades 6-8) courses enable students to create and perform music, listen and respond to musical compositions, and incorporate their musical experiences with other activities and subjects. Course content usually involves understanding music as creative expression and communication, developing skill with the voice and/or musical instruments, and refining the ability to discern and critique. Specific course content conforms to any existing state standards for grades 6-8 and our focus on the use of priority standards. We use the Quavers Music curriculum.

### **Theater Arts**

**Course Number: MS551102**  
**SCED: 05052**

Theater Arts is an immersive course designed to advance students' music reading and performance skills with a special focus on musical theater and dramatic elements. In this course, students will explore the rich world of musical theater, learning to interpret and perform a diverse range of musical pieces while honing their vocal and instrumental techniques. Emphasis is placed on

integrating dramatic elements, including character development, stage presence, and expressive storytelling, to bring performances to life. Through dynamic practice and engaging projects, students will refine their abilities, gain confidence in their performance skills, and deepen their appreciation for the art of theater.

### **IBMYP Theater Arts**

**Course Number: MS551102MYP**  
**SCED: 05052**

Theater Arts is an immersive course designed to advance students' music reading and performance skills with a special focus on musical theater and dramatic elements. In this course, students will explore the rich world of musical theater, learning to interpret and perform a diverse range of musical pieces while honing their vocal and instrumental techniques. Emphasis is placed on integrating dramatic elements, including character development, stage presence, and expressive storytelling, to bring performances to life. Through dynamic practice and engaging projects, students will refine their abilities, gain confidence in their performance skills, and deepen their appreciation for the art of theater. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

### **Theater Arts-Stagecraft**

**Course Number: MS551102A**  
**SCED: 05056**

Theater Arts-Stagecraft is a quarter-long course designed to introduce students to the fundamentals of stagecraft, focusing on the artistic and technical aspects of theatrical set design. In this course, students will explore the creative process behind designing and constructing stage sets, learning about scenic design principles, spatial composition, and material selection. Emphasis is placed on translating script and directorial vision into visually compelling stage environments through hands-on projects, and building. Through collaborative and individual work, students will develop problem-solving skills, craftsmanship, and an appreciation for the role of set design in bringing theatrical productions to life.

## **Art**

### **Art**

**Course Number: MS55189**  
**SCED: 05154**

The Art (grades 6-8) courses introduce students to color painting and graphic design using the Elements of Art (line, color, space, shape, form, texture, value) when completing classroom projects. Art journals are used to encourage free expression. A wide variety of art styles, techniques, and projects to explore and create, with an emphasis on art history examples.

### **IBMYP Art**

**Course Number: MS55189MYP**  
**SCED: 05154**

The Art (grades 6-8) courses introduce students to color painting and graphic design using the Elements of Art (line, color, space, shape, form, texture, value) when completing classroom projects. Art journals are used to encourage free expression. A wide variety of art styles, techniques, and projects to explore and create, with an emphasis on art history examples. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**Advanced Art****Course Number: MS55189**  
**SCED: 05154E**

Advanced Art students will expand their artistic skills and creativity through exploring various art forms, including drawing, painting, sculpture, and digital media. This course emphasizes the development of art techniques, principles of design, and art history, encouraging students to experiment with different materials and styles. Through hands-on projects, group critiques, and discussions, students will enhance their ability to analyze and appreciate art, while thinking critically and expressing themselves creatively. By the end of the course, students will have a diverse portfolio that showcases their growth and achievements in art, providing a strong foundation for further artistic pursuits.

**IBMYP Advanced Art****Course Number: MS55189MYP**  
**SCED: 05154E**

Advanced Art students will expand their artistic skills and creativity through exploring various art forms, including drawing, painting, sculpture, and digital media. This course emphasizes the development of art techniques, principles of design, and art history, encouraging students to experiment with different materials and styles. Through hands-on projects, group critiques, and discussions, students will enhance their ability to analyze and appreciate art, while thinking critically and expressing themselves creatively. By the end of the course, students will have a diverse portfolio that showcases their growth and achievements in art, providing a strong foundation for further artistic pursuits. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**YC2S Art****Course Number: MS55189OL**  
**SCED: 05154**

The Art (grades 6-8) courses provide to students activities that foster creative expression, communication through artistic endeavor, and appreciation of culture and heritage. Activities may include those that enable students to refine their technique, increase their artistic vocabulary, express themselves and their worldview, make connections to other content areas, develop their own aesthetic, and strengthen their critical abilities. Although typically involving the visual arts (drawing, painting, sculpture, crafts, and the like), these courses may also include other forms of art (for example, dance, music, and theater). Specific course content conforms to any existing state standards for grades 6-8 and our focus on the use of priority standards.

**Living Skills****Living Skills****Course Number: MS722061**  
**SCED: 72206**

The Living Skills class is designed to equip learners with essential life skills for greater independence and self-reliance. The curriculum focuses on practical activities that develop skills such as personal hygiene, meal preparation, money management, and basic household chores. Students will also engage in social skills training, including communication, teamwork, and problem-solving exercises, to build confidence in navigating everyday interactions. The course provides a supportive and inclusive environment where students can practice these skills through hands-on learning experiences tailored to their individual needs, promoting personal growth and empowerment in daily life.



## **YC2S Living Skills**

**Course Number: MS7220610L**

**SCED: 72206**

The Living Skills courses provide information about a wide range of subjects to assist students in becoming wise consumers and productive adults. These courses often emphasize such topics as goal setting, decision-making, and setting priorities; money and time management; relationships; and the development of the self. Practical exercises regarding selecting and furnishing houses, meeting transportation needs, preparing food, selecting clothing, and building a wardrobe are often integral to these classes. In addition, specific topics such as insurance, taxation, and consumer protection may also be covered and our focus on the use of priority standards.

## **Technology & STEM**

### **STEM**

**Course Number: MS70000**

**SCED:**

The STEM class fosters a learning environment in which students are challenged to produce original ideas, objects, and structures using concepts and skills from math, science, and technology. Students will actively engage in critical thinking, technology, engineering, and mathematics. The focus will be on STEM topics relevant to investigating careers, researching current topics, and exploring engineering solutions.

### **YC2S STEM**

**Course Number: MS70000**

**SCED:**

The STEM specific content courses vary, but they draw upon the principles of several scientific specialties—earth science, physical science, biology, chemistry, and physics—and organize the material around thematic units. Common themes covered include systems, models, energy, patterns, change, and constancy. These courses use appropriate aspects from each specialty of STEM to investigate applications of the theme and our focus on the use of priority standards.

## **Health**

### **Health**

**Course Number: MS80100**

**SCED: 08051**

The Health Education courses vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses also include brief studies of environmental health, personal development, and/or community resources and our focus on the use of priority standards.

### **YC2S Health**

**Course Number: MS801000L**

**SCED: 08051**

The Health Education courses vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses also include brief studies of environmental health, personal development, and/or community resources and our focus on the use of priority standards.

## Applied Engineering & Technology

### YC2S Applied Engineering & Technology

**Course Number: MSE1010L**  
**SCED: 21002**

The Applied Engineering & Technology courses provide an opportunity to focus on one or more areas of industrial technology. Students apply technological processes to solve real engineering problems; develop the knowledge and skills to design, modify, use, and apply technology; and may also design and build prototypes and working models. Topics covered in the course include the nature of technology, use of technology, and design processes, and our focus on the use of priority standards.

## Reading Intervention

### YC2S Reading Intervention

**Course Number: MS7200310L**  
**SCED: 01066**

The Reading Intervention courses are intended to improve a student's vocabulary, critical-thinking and analysis skills, or reading rate and comprehension level. Although these courses typically emphasize works of fiction, they may also include works of nonfiction (including textbooks). Reading Intervention courses often have a time-management focus, offering strategies for note taking or for understanding and evaluating the important points of a text, and our focus on the use of priority standards.

## Technology

### Technology

**Course Number: MS600031**  
**SCED: 19155**

Students learn how to use different Google Applications like: Google Drawing, Google Sheets, Google Slides, and Google Earth. Students will also work on typing skills, Digital Literacy and Responsibility and Email Etiquette.

### Game Creation

**Course Number: TECH100064**  
**SCED: 10004**

Students will learn the fundamentals of coding by designing and creating their video games from scratch. Throughout the course, students will develop their game characters, including heroes and villains, and design unique levels and challenges. They will explore the entire game development process, from conceptualizing ideas to coding and testing their creations. By the end of the course, students will have the opportunity to share and play each other's games, providing valuable feedback and learning from their peers. This hands-on class fosters creativity, problem-solving, and collaboration, empowering students to bring their gaming ideas to life.

### Coding

**Course Number: TECH100074**  
**SCED: 10205**

Students use CS First "Scratch" to learn how to code and program different types of activities like coding the Amazing World of Gumball from the Cartoon Network and games like PONG and Fruit Ninja. Students will also get to code robots to complete different types of challenges.

## **App Creation**

**Course Number: TECH100065**

**SCED: 10152**

Students get a better understanding of how apps work and how to create them. Student final project is to create their app and present it to the class. Students will also get an opportunity to look at how 3D printing works and use the website Tinkercad and 3D pens to create different types of 3D projects.

## **Tech: Student News**

**Course Number: MS80000**

**SCED: 11149**

In this class, students create weekly news segments that are shown to the rest of the school on Fridays. Students write scripts, film and edit using video editing software and understand the importance of a deadline. Students are Anchors, Sports casters, Reviewers, etc. Students also learn how to write scripts, film and edit.

## **Multimedia Film Making**

**Course Number: TECH100078**

**SCED: 05256**

Students use photo editing software along with movie making software to create different projects. Students learn about green screen effects and special effects that you would use or see in movies. Some projects include Stop Motion Animation and movie making special effects. Students will also get a chance to learn about Financial Literacy.

## **YC2S Technology**

**Course Number: MS6000310L**

**SCED: 19155**

The Technology courses provide students the knowledge and ability to use computers and technology efficiently. Typically, course content includes exposure to word-processing, spreadsheet, and presentation applications, but also may include the various uses of computers in modern society. Specific course content aligns with state standards to promote students' technological literacy and our focus on the use of priority standards.

## **Academic Enrichment**

### **Academic Support**

**Course Number: MS720035S**

**SCED: 22003**

The Academic Support course is designed to provide targeted assistance to students with specialized needs, including those with Individualized Education Programs (IEPs) and English Learners (ELs). This class offers a supportive environment where students can focus on achieving their IEP goals, receiving personalized instruction and resources tailored to their unique learning requirements. For EL learners, the course provides dedicated support to enhance English language skills and navigate school routines, fostering both academic growth and confidence. With individualized attention and a commitment to each student's success, the Academic Support course ensures that all participants receive the guidance and tools they need to thrive academically and fully engage in their educational experience.

### **Strategic Reading and literacy**

**Course Number: MS70032**

**SCED:01066**

The Strategic Reading and Literacy course is tailored to support middle school students in developing strong reading skills at their own pace. Utilizing adaptive technology, the course assesses each student's individual reading level and needs, crafting a personalized learning path

that focuses on enhancing comprehension, fluency, and vocabulary. Through engaging, interactive lessons and targeted exercises, students will build confidence and improve their reading abilities. With ongoing feedback and guidance from experienced educators, the course ensures that every student receives the support necessary to overcome challenges and achieve reading success. This customized approach empowers students to strengthen their reading skills and foster a lifelong love of literature.

### **Math Enrichment**

**Course Number: MS7891**

**SCED: 22005**

The Math Enrichment course is designed to meet middle school students where they are in their mathematical journey and help them build a strong foundation for future success. This personalized course uses adaptive technology to assess each student's unique strengths and areas for improvement, creating a customized learning path that targets specific needs. With a focus on fundamental math concepts, students will engage in interactive lessons and activities that promote understanding and confidence. The course provides continuous feedback and support from experienced instructors, ensuring that every student progresses at their own pace. Through this tailored approach, students will develop essential math skills, close knowledge gaps, and gain the confidence they need to excel in their math studies.

### **YC2S Academic Enrichment**

**Course Number: MS7200350L**

**SCED: 22005**

The Academic Enrichment courses provide the assistance students need to successfully complete their coursework in different content areas. Students may receive help in one or several subjects and our focus is on the use of priority standards.

## **Advisory**

### **Advisory**

**Course Number: MS720032**

**SCED: 22106**

Student Advisory provides the opportunity and time for students to complete classroom assignments or school projects. Students typically work on their own, without the help of a tutor; however, they are supervised and usually remain in the classroom. In Student Advisory, each student in the school is assigned a teacher or staff member who assists the student in achieving his or her academic and personal goals. Advisory usually has two distinct parts: an advisory class, similar to a homeroom, and one-to-one support to address personal issues. While their goals are similar, schools organize and implement their advisory programs in a variety of ways depending on the needs of the school community and our focus on the use of priority standards.

### **YC2S Advisory**

**Course Number: MS7200320L**

**SCED: 22106**

Student Advisory provides the opportunity and time for students to complete classroom assignments or school projects. Students typically work on their own, without the help of a tutor; however, they are supervised and usually remain in the classroom. In Student Advisory, each student in the school is assigned a teacher or staff member who assists the student in achieving his or her academic and personal goals. Advisory usually has two distinct parts: an advisory class, similar to a homeroom, and one-to-one support to address personal issues. While their goals are similar, schools organize and implement their advisory programs in a variety of ways depending on the needs of the school community and our focus on the use of priority standards.

## World Languages

### **Spanish Grade 6**

**Course Number: MS561001**

**SCED: 2405912**

Spanish (grade 6) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. Cultural and/or historical aspects of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 6.

### **IBMYP Spanish Grade 6**

**Course Number: MS561001MYP**

**SCED: 2405912**

Spanish (grade 6) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. Cultural and/or historical aspects of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 6. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

### **YC2S Spanish Grade 6**

**Course Number: MS5041060L**

**SCED: 2405912**

Spanish (grade 6) course engages students in language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. Cultural and/or historical aspects of the people(s) speaking the language(s) being studied are typically included as topics of study. Specific content depends upon state standards for grade 6.

### **Spanish Grade 7**

**Course Number: MS561001**

**SCED: 2405922**

Spanish (grade 7) course emphasizes the language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. Grammar and syntax, vocabulary, and applicable accents typically are studied so that students have the knowledge and ability to express themselves and understand others. Students usually explore the customs, history, and art forms of the people(s) whose language is being studied. Specific content depends upon state standards for grade 7.

### **IBMYP Spanish Grade 7**

**Course Number: MS561001MYP**

**SCED: 2405922**

Spanish (grade 7) course emphasizes the language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. Grammar and syntax, vocabulary, and applicable accents typically are studied so that students have the knowledge and ability to express themselves and understand others. Students usually explore the customs, history, and art forms of the people(s) whose language is being studied. Specific content depends upon state standards for grade 7. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

### **YC2S Spanish Grade 7**

**Course Number: MS5041070L**

**SCED: 2405922**

Spanish (grade 7) course emphasizes the language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. Grammar and syntax, vocabulary, and applicable

accents typically are studied so that students have the knowledge and ability to express themselves and understand others. Students usually explore the customs, history, and art forms of the people(s) whose language is being studied. Specific content depends upon state standards for grade 7.

### **Spanish Grade 8**

**Course Number: MS24052**  
**SCED: 24052**

Spanish (grade 8) course emphasizes the language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. Grammar and syntax, vocabulary, and applicable accents typically are studied so that students have the knowledge and ability to express themselves and understand others. Students usually explore the customs, history, and art forms of the people(s) whose language is being studied. Specific content depends upon state standards for grade 8.

### **IBMYP Spanish Grade 8**

**Course Number: MS24052MYP**  
**SCED: 24052**

Spanish (grade 8) course emphasizes the language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. Grammar and syntax, vocabulary, and applicable accents typically are studied so that students have the knowledge and ability to express themselves and understand others. Students usually explore the customs, history, and art forms of the people(s) whose language is being studied. Specific content depends upon state standards for grade 8. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate

### **YC2S Spanish Grade 8**

**Course Number: MS24052OL**  
**SCED: 24052**

Spanish (grade 8) course emphasizes the language arts skills (listening, speaking, reading, and writing) necessary to communicate in Spanish. Grammar and syntax, vocabulary, and applicable accents typically are studied so that students have the knowledge and ability to express themselves and understand others. Students usually explore the customs, history, and art forms of the people(s) whose language is being studied. Specific content depends upon state standards for grade 8.

### **Seminar**

**Course:MS25001**  
**SCED: 25001**

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

### **YC2S Seminar**

**Course:MS25001OL**  
**SCED: 25001**

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

# 9-12 YCHS ACTech/STEMM Course Catalog

## English Language Arts

**English 9 A (0.5 credit)**

**English 9 B (0.5 credit)**

**Course Number: H0200101**

**Course Number: H0100112**

**SCED: 01001**

YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. Through Into Literature, English 9 prepares students with a foundation in listening, speaking, reading, and writing through studies of literature and composition. Types of literature may include biographies, autobiographies, essays, short stories, dramas, speeches, and novels. Students explore literature, employing critical and analytical evaluation of literary works. Written expression lessons allow students to develop and demonstrate skills in composition, grammar usage, and the writing process. Students also make text to world connections through the selections and apply their ideas to their own life. Additionally, coursework prepares students for success on college entrance assessments such as the SAT and ACT. This course fulfills the requirements for one credit of ninth grade English for graduation.

**IBMYP Language & Literature (ELA) 9 A (0.5 credit)**

**IBMYP Language & Literature (ELA) 9 B (0.5 credit)**

**Course Number: H0200101MYP**

**Course Number: H0100112MYP**

**SCED: 01001**

English 9 prepares students with a foundation in listening, speaking, reading, and writing through studies of literature and composition. Types of literature may include biographies, autobiographies, essays, short stories, dramas, speeches, and novels. Students explore literature, employing critical and analytical evaluation of literary works. Written expression lessons allow students to develop and demonstrate skills in composition, grammar usage, and the writing process. Students also make text to world connections through the selections and apply their ideas to their own life. Additionally, coursework prepares students for success on college entrance assessments such as the SAT and ACT. This course fulfills the requirements for one credit of ninth grade English for graduation. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**English 9 A Honors (0.5 credit)**

**English 9 B Honors (0.5 credit)**

**Course Number: H0100102H**

**Course Number: H01001022H**

**SCED: 01001**

YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. Through Into Literature, English 9 prepares students with a foundation in listening, speaking, reading, and writing through studies of literature and composition. Types of literature may include biographies, autobiographies, essays, short stories, dramas, speeches, and novels. Students explore literature, employing critical and analytical evaluation of literary works. Written expression lessons allow students to develop and demonstrate skills in composition, grammar usage, and the writing process. Students also make text to world connections through the selections and apply their ideas to their own life. Additionally, coursework prepares students for success on college entrance assessments such as the SAT and ACT. This course fulfills the requirements for one credit of ninth grade English for graduation.



**IBMYP Language & Literature (ELA) 9A Honors (0.5 cr)**      **Course Number: H0100102HMYP**  
**IBMYP Language & Literature (ELA) 9B Honors (0.5 ce)**      **Course Number: H01001022HMYP**  
**SCED: 01001**

English 9 prepares students with a foundation in listening, speaking, reading, and writing through studies of literature and composition. Types of literature may include biographies, autobiographies, essays, short stories, dramas, speeches, and novels. Students explore literature, employing critical and analytical evaluation of literary works. Written expression lessons allow students to develop and demonstrate skills in composition, grammar usage, and the writing process. Students also make text to world connections through the selections and apply their ideas to their own life. Additionally, coursework prepares students for success on college entrance assessments such as the SAT and ACT. This course fulfills the requirements for one credit of ninth grade English for graduation. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (IBMYP) of the International Baccalaureate.

**English 10 A (0.5 credit)**      **Course Number: H0100201**  
**English 10 B (0.5 credit)**      **Course Number: H0100212**  
**SCED: 01002**

YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. Building on the 9th grade curriculum, English 10 integrates listening, speaking, reading, and writing through studies of literature and composition. Types of literature may include biographies, autobiographies, essays, short stories, dramas, speeches, and novels. Students explore literature, employing critical and analytical evaluation of literary works. Written expression lessons allow students to develop and demonstrate skills in composition, grammar usage, and the writing process. Additionally, coursework prepares students for success on college entrance assessments. This course fulfills the requirements for one credit of tenth grade English for graduation.

**IBMYP Language & Literature (ELA) 10 A (0.5 cr)**      **Course Number: H0100201MYP**  
**IBMYP Language & Literature (ELA) 10 B (0.5 cr)**      **Course Number: H0100212MYP**  
**SCED: 01002**

Building on the 9th grade curriculum, English 10 integrates listening, speaking, reading, and writing through studies of literature and composition. Types of literature may include biographies, autobiographies, essays, short stories, dramas, speeches, and novels. Students explore literature, employing critical and analytical evaluation of literary works. Written expression lessons allow students to develop and demonstrate skills in composition, grammar usage, and the writing process. Additionally, coursework prepares students for success on college entrance assessments. This course fulfills the requirements for one credit of tenth grade English for graduation. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**English 10 A Honors (0.5 credit)**      **Course Number: H0100202H**  
**English 10 B Honors (0.5 credit)**      **Course Number: H01002022H**  
**SCED: 0100212**

YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. Building on the 9th grade curriculum, English 10 integrates listening, speaking, reading, and writing through studies of literature and composition. Types of literature may include biographies, autobiographies, essays, short stories, dramas, speeches, and novels. Students explore literature, employing critical and analytical evaluation of literary works.



Written expression lessons allow students to develop and demonstrate skills in composition, grammar usage, and the writing process. Additionally, coursework prepares students for success on college entrance assessments. This course fulfills the requirements for one credit of tenth grade English for graduation.

**IBMYP Language & Literature (ELA)10A Honors (0.5 cr) Course Number: H0100202HMYP**  
**IBMYP Language & Literature (ELA)10B Honors (0.5 cr) Course Number: H01002022HMYP**  
**SCED: 01002**

Building on the 9th grade curriculum, English 10 integrates listening, speaking, reading, and writing through studies of literature and composition. Types of literature may include biographies, autobiographies, essays, short stories, dramas, speeches, and novels. Students explore literature, employing critical and analytical evaluation of literary works. Written expression lessons allow students to develop and demonstrate skills in composition, grammar usage, and the writing process. Additionally, coursework prepares students for success on college entrance assessments. This course fulfills the requirements for one credit of tenth grade English for graduation. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**English 11 A Honors (0.5 credit)**  
**English 11 B Honors (0.5 credit)**

**Course Number: H0100302H**  
**Course Number: H01003022H**  
**SCED: 01003**

YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. Throughout English 11, students will build upon the language arts skills gained in 9<sup>th</sup> and 10<sup>th</sup> grades to read and analyze both literary fiction and nonfiction and to write college-ready literary analysis and argument papers. Students will review and practice college- and career-ready speaking and listening skills. Both literary fiction and nonfiction will be introduced as vehicles for self-exploration and self-improvement, in conjunction with discussion and writing, as we read with a focus on social justice, stewardship, and sustainability. Additionally, a portion of this class will be focused on preparing students for college entrance assessments. This course fulfills the requirements for one credit of eleventh grade English for graduation.

**English 11 A (0.5 credit)**  
**English 11 B (0.5 credit)**

**Course Number: H0100301**  
**Course Number: H0100312**  
**SCED: 01003**

YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. Throughout English 11, students will build upon the language arts skills gained in 9<sup>th</sup> and 10<sup>th</sup> grades to read and analyze both literary fiction and nonfiction and to write college-ready literary analysis and argument papers. Students will review and practice college- and career-ready speaking and listening skills. Both literary fiction and nonfiction will be introduced as vehicles for self-exploration and self-improvement, in conjunction with discussion and writing, as we read with a focus on social justice, stewardship, and sustainability. Additionally, a portion of this class will be focused on preparing students for college entrance assessments. This course fulfills the requirements for one credit of eleventh grade English for graduation.

**English 12 A (0.5 credit)**  
**English 12 B (0.5 credit)**

**Course Number: H0100401**  
**Course Number: H0100412**  
**SCED: 01004**

YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. Throughout English 12, students will build upon the language arts skills gained in 9<sup>th</sup> through 11<sup>th</sup> grades to read and analyze both literary fiction and nonfiction and to write college-ready literary analysis and argument papers. Students will review and practice college and career ready speaking and listening skills. Under the theme of British Literature, both literary fiction and nonfiction will be introduced as vehicles for self-exploration and self-improvement, in conjunction with discussion and writing. The course's units include, but are not limited to, *Beowulf*, Shakespeare's *The Tragedy of Hamlet*, and an individualized Black History Month project. This course fulfills the requirements for one credit of twelfth grade English for graduation.

**English 12 A Honors (0.5 credit)**  
**English 12 B Honors (0.5 credit)**

**Course Number: H0100402H**  
**Course Number: H01004022H**  
**SCED: 01004**

YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. Throughout English 12, students will build upon the language arts skills gained in 9<sup>th</sup> through 11<sup>th</sup> grades to read and analyze both literary fiction and nonfiction and to write college-ready literary analysis and argument papers. Students will review and practice college and career ready speaking and listening skills. Under the theme of British Literature, both literary fiction and nonfiction will be introduced as vehicles for self-exploration and self-improvement, in conjunction with discussion and writing. The course's units include, but are not limited to, *Beowulf*, Shakespeare's *The Tragedy of Hamlet*, and an individualized Black History Month project. This course fulfills the requirements for one credit of twelfth grade English for graduation.

**IBDP Language & Literature SL**

**Course Number: H01007DP**  
**SCED:01007**

The IB Diploma Programme (DP) English A: Language & Literature course is a two-year course for juniors and seniors enrolled in the IB Career-related Programme (CP) and IB Diploma Programme. As an IB DP course within the CP framework, it is designed to develop students' critical thinking, analytical, and communication skills through the study of a wide range of literary and non-literary texts from diverse authors, cultures, and historical periods. Students will explore how language shapes meaning, identity, and societal perspectives while making real-world connections to their career-related studies.

This course emphasizes text analysis, argumentation, and research, preparing students to interpret and critique complex texts and engage in meaningful discussions. Themes such as culture, power, representation, and ethics will be explored to foster international-mindedness and lifelong learning. As part of the IB DP requirements for CP students, students will complete internal and external IB assessments, including an Individual Oral presentation and written examinations, to demonstrate their ability to analyze texts critically and construct well-supported arguments. This course serves as a bridge between academic study and career-related learning, equipping students with essential skills for success in higher education and professional environments.

**Beginning ELD 1&2 (0.5 credit)****Course Number: H001100801****SCED: 01008**

Beginning ELD English is a full year, one credit course that fulfills one of the four English credits required to graduate from Ypsilanti Community High School. The Common Core State Standards and the national TESOL standards are the basis for lessons that increase competency in social and academic English vocabulary, reading, writing, speaking, and listening. Learning activities will focus on the wide range of standards-based concepts and skills with a focus on building English language skills. Reading strategies and culturally literary fiction and nonfiction are included. This course fulfills the requirements for one credit of English for graduation.

**Intermediate ELD 1 & 2 (0.5 credit)****Course Number: H001008011****SCED: 01008**

**Prerequisites: Must have completed Beginning ELD English or by EL teacher recommendation.** Intermediate ELD English is a full year, one credit course that fulfills one of the four English credits required to graduate from Ypsilanti Community High School. The Common Core State Standards and the national TESOL standards are the basis for lessons that increase competency in social and academic English vocabulary, reading, writing, speaking, and listening. Learning activities will focus on the wide range of standards-based concepts and skills with a focus on building English language skills. Reading strategies and culturally literary fiction and nonfiction are included. This course fulfills the requirements for one credit of English for graduation.

**High ELD 1 & 2 (0.5 credit)****Course Number: H001008012****SCED: 01008**

**Prerequisites: Must have completed Beginning ELD English or by EL teacher recommendation.** High ELD English is a full year, one credit course that fulfills one of the four English credits required to graduate from Ypsilanti Community High School. The Common Core State Standards and the national TESOL standards are the basis for lessons that increase competency in social and academic English vocabulary, reading, writing, speaking, and listening. Learning activities will focus on the wide range of standards-based concepts and skills with a focus on building English language skills. Reading strategies and culturally literary fiction and nonfiction are included. This course fulfills the requirements for one credit of English for graduation.

**ELD English 11 (0.5 credit)****Course Number: H00199201****SCED: 01008**

**Prerequisites: Must have completed High Intermediate ELD English or by EL teacher recommendation.** YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. ELD English 11/12 utilizes this curriculum and integrates listening, speaking, reading, and writing through studies of literature and composition. Types of literature may include biographies, autobiographies, essays, short stories, dramas, speeches, and novels. Students explore literature, employing critical and analytical evaluation of literary works. Written expression lessons allow students to develop and demonstrate skills in composition, grammar usage, and the writing process. Additionally, coursework prepares students for success on college entrance assessments. This course fulfills the requirements for one credit of English for graduation.

**ELD English 12 (0.5 credit)****Course Number: H001992012****SCED: 01008**

**Prerequisites: Must have completed High Intermediate ELD English or by EL teacher recommendation.** YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. ELD English 11/12 utilizes this curriculum and integrates listening, speaking, reading, and writing through studies of literature and composition. Types of literature may include biographies, autobiographies, essays, short stories, dramas, speeches, and novels. Students explore literature, employing critical and analytical evaluation of literary works. Written expression lessons allow students to develop and demonstrate skills in composition, grammar usage, and the writing process. Additionally, coursework prepares students for success on college entrance assessments. This course fulfills the requirements for one credit of English for graduation.

**ELD Reading (0.5 credit)****Course Number: H001008013****SCED: 01008**

ELD Reading is a 0.5 credit course that fulfills credits required to graduate from Ypsilanti Community High School. The Common Core State Standards and the national TESOL standards are the basis for lessons that increase competency in social and academic English vocabulary, reading, writing, speaking, and listening. Learning activities will focus on the wide range of standards-based concepts and skills with a focus on building English language skills. Reading strategies and culturally literary fiction and nonfiction are included.

**ELL Translator A Year 1 (0.5 credit)****Course Number:****ELL Translator B Year 1 (0.5 credit)****Course Number:****SCED: 22104**

This program is designed for English Language Learners who excel in their ELD or ELA courses. They will have the natural drive to support their fellow ELL peers in their educational success. This is a two-year program. Students will train with the ELL team in appropriate classroom behaviors and improve soft skills before pushing into classrooms to assist our monolingual teachers in translating instruction and helping in small group work. These students will have the opportunity to translate in classrooms, during school events, and for one-on-one instruction. Students will earn a YCHS Student-Translator Certificate at the end of their one or two-year program.

**ELL Translator A Year 2 (0.5 credit)****Course Number:****ELL Translator B Year 2 (0.5 credit)****Course Number:****SCED: 22104**

This program is designed for English Language Learners who excel in their ELD or ELA courses. They will have the natural drive to support their fellow ELL peers in their educational success. This is a two-year program. Students will train with the ELL team in appropriate classroom behaviors and improve soft skills before pushing into classrooms to assist our monolingual teachers in translating instruction and helping in small group work. These students will have the opportunity to translate in classrooms, during school events, and for one-on-one instruction. Students will earn YCHS Student-Translator Certificate at the end of their one or two-year program.

**High School Newspaper Production(0.5 credits)****Course Number: H002210201****SCED: 11101**

**(ELA Elective)** High School Newspaper Production is a dynamic and hands-on course designed to provide students with the essential skills and knowledge needed to produce a successful school newspaper. Throughout the course, students will explore the fundamentals of journalism, news

writing, editing, layout design, and publication management. Emphasis will be placed on developing strong writing skills, critical thinking, research abilities, and effective communication. Students will learn about the principles of journalism ethics and the importance of objective reporting while gaining practical experience in interviewing, gathering information, and verifying sources. They will also delve into various journalistic styles, including news reporting, feature writing, opinion pieces, and investigative journalism.

Topics covered include:

- Digital media tools and software for layout design and multimedia storytelling.
- Use of tools to create visually appealing newspaper layouts, incorporating text, images, graphics, and interactive elements.
- Explore story ideas, assign tasks, and meet deadlines.
- Strategies for engaging their school community
- How to cover events, conduct interviews with students and faculty, and explore issues relevant to their peers.

**Newcomer English Language Development A - (0.5 cr) Course Number: H001008016**  
**Newcomer English Language Development B - (0.5 cr) Course Number: H001008017**  
**SCED: 01008**

**(ELA Core)** Newcomer ELD is a specialized course tailored for students at a WIDA level of 1, focusing on the integration of language development and literacy skills aligned with ELA Common Core Standards. A newcomer is defined as a recently arrived immigrant, migrant or refugee. This course provides a supportive learning environment for students who are new to English, offering a structured approach to language acquisition and literacy that aligns with their unique linguistic needs.

Topics covered include:

- Develop basic communicative skills in English, including listening, speaking, reading, and writing.
- Expand vocabulary across content areas, with an emphasis on academic language necessary for success in English Language Arts and other core subjects.
- Establish foundational literacy skills, including phonics, decoding, and basic reading comprehension strategies.
- Introduce and practice sight words and high-frequency vocabulary essential for early literacy.
- Implement literature-based activities to promote comprehension, analysis, and discussion of age-appropriate texts.

**Newcomer Literacy English Language Development A (0.5 cr) Course Number: H001008016**  
**Newcomer Literacy English Language Development B (0.5 cr) Course Number: H001008016**  
**SCED: 01008**

**(ELA Core)** Newcomer Literacy ELD is an innovative auxiliary course designed to provide English language learners with a holistic learning experience that encompasses essential language skills, basic literacy in English, and artistic expression.

Topics covered include:

- Develop fundamental language skills for daily communication, including greetings, introductions, and basic conversations.
- Acquire vocabulary and language structures necessary for practical situations such as shopping, transportation, and healthcare.

- Explore cultural diversity through art, incorporating elements of the students' diverse backgrounds into their artistic creations.
- Create a comprehensive portfolio showcasing language development, basic literacy skills, and cultural exploration throughout the course.

**Language Arts Proficiency Development (0.5 credits)**

**Course Number: H0199201.1**

**SCED: 01992**

**(ELA Elective)** Language Arts Proficiency Development is a class designed to enhance students' reading and writing skills, aligning with their grade-level Common Core ELA standards. This course will focus on the development of academic vocabulary, mastery of genre-based writing skills, and boosting confidence in grammar and independent writing. Additionally, a significant emphasis will be placed on reading development, aiming to improve comprehension, analysis, and appreciation of diverse texts.

Topics covered include:

- Reading Comprehension and Analysis: Strategies for understanding complex texts, including identifying themes, analyzing character development, and interpreting figurative language across various genres.
- Writing for Different Audiences and Purposes: Developing the ability to craft coherent and targeted writing for academic, persuasive, narrative, and descriptive purposes, considering audience and objective.
- Grammar, Syntax, and Vocabulary Expansion: Enhancing knowledge of grammar and syntax to improve writing clarity and coherence; expanding vocabulary to enrich expression and comprehension.
- Critical Thinking and Discussion: Encouraging critical thinking skills through discussion, debate, and response to texts, enabling students to articulate and defend their interpretations and opinions effectively.

**Study Skills A (0.5 cr)**

**Course Number: H22003011S**

**Study Skills B (0.5 cr)**

**Course Number: H22003011S**

**SCED: 22003**

This elective course is designed to help students develop essential study habits, time management strategies, and organizational skills. English learners will receive targeted instruction in using Google Suite tools, composing professional emails, note-taking techniques, and effective test preparation. The course aims to build confidence and independence in academic settings while supporting overall academic success.

**Mathematics**

**Algebra I (0.5 credit)**

**Course Number: H0020520101**

**SCED: 02052**

Algebra I includes the study of properties and operations of the real number system; solving and graphing first degree equations and inequalities; translating word problems into equations; exponential growth and decay, systems of linear equations, introduction to statistics, operations with and factoring of polynomials; and introductions to graphs of quadratic equations.

**IBMYP Algebra I (0.5 credit)****Course Number: H0020520101MYP  
SCED: 02052**

Algebra I includes the study of properties and operations of the real number system; solving and graphing first degree equations and inequalities; translating word problems into equations; exponential growth and decay, systems of linear equations, introduction to statistics, operations with an, perseverance, and independence in mathematical thinking and Problem-solving develop powers of generalization and abstraction apply and transfer skills to a wide range of real-life situations, other areas of knowledge and future developments appreciate how developments in technology and mathematics have influenced each other; the moral, social, and ethical implications arising from the work of mathematicians and the applications of mathematics; the international dimension in mathematics; and the contribution of mathematics to other areas of knowledge develop the knowledge, skills, and attitudes necessary to pursue further studies in mathematics develop the ability to reflect critically upon their own work and the work of others.d factoring of polynomials; and introductions to graphs of quadratic equations. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**Algebra IA Honors (0.5 credit)****Course Number: 0205302H****Algebra IB Honors (0.5 credit)****Course Number: 0205402H****SCED: 02054**

Algebra I Honors includes the study of properties and operations of the real number system; solving and graphing first degree equations and inequalities; translating word problems into equations; exponential growth and decay, systems of linear equations, introduction to statistics, operations with and factoring of polynomials; and introductions to graphs of quadratic equations.

**IBMYP Algebra IA Honors (0.5 credit)****Course Number: 0205302HMYP****IBMYP Algebra IB Honors (0.5 credit)****Course Number: 0205402HMYP****SCED: 02054**

Algebra I Honors includes the study of properties and operations of the real number system; solving and graphing first degree equations and inequalities; translating word problems into equations; exponential growth and decay, systems of linear equations, introduction to statistics, operations with and factoring of polynomials; and introductions to graphs of quadratic equations. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**Algebra II Honors A (0.5 credit)****Course Number: H0205601H****Algebra II Honors B (0.5 credit)****Course Number: H0205602H****SCED: 02056**

Algebra II Honors topics include a review of linear equations and inequalities; operations with rational and irrational expressions; transformations, factoring of rational expressions; quadratic equations; solving systems of linear and nonlinear equations; graphing of functions; properties of polynomial equations; and properties of radical functions, investigating exponential and logarithmic growth and decay, and further work into data analysis and statistics.

**IBMYP Algebra II Honors A (0.5 credit)****Course Number: H0205601HMYP****IBMYP Algebra II Honors B (0.5 credit)****Course Number: H0205602HMYP****SCED: 02056**

Algebra II Honors topics include a review of linear equations and inequalities; operations with rational and irrational expressions; transformations, factoring of rational expressions; quadratic equations; solving systems of linear and nonlinear equations; graphing of functions; properties of

polynomial equations; and properties of radical functions, investigating exponential and logarithmic growth and decay, and further work into data analysis and statistics. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**Algebra II A (0.5 credit)**  
**Algebra II B (0.5 credit)**

**Course Number: H0205601**  
**Course Number: H0205612**  
**SCED: 02056**

Algebra II topics include a review of linear equations and inequalities; operations with rational and irrational expressions; transformations, factoring of rational expressions; quadratic equations; solving systems of linear and nonlinear equations; graphing of functions; properties of polynomial equations; and properties of radical functions, investigating exponential and logarithmic growth and decay, and further work into data analysis and statistics.

**IBMYP Algebra II A (0.5 credit)**  
**IBMYP Algebra II B (0.5 credit)**

**Course Number: H0205601MYP**  
**Course Number: H0205612MYP**  
**SCED: 02056**

Algebra II topics include a review of linear equations and inequalities; operations with rational and irrational expressions; transformations, factoring of rational expressions; quadratic equations; solving systems of linear and nonlinear equations; graphing of functions; properties of polynomial equations; and properties of radical functions, investigating exponential and logarithmic growth and decay, and further work into data analysis and statistics. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**IBDP Mathematics Approaches & Interpretation SL**

**Course Number: H02140DP**  
**SCED: 02140**

This two-year IB Standard Level (SL) course is designed for students in both the IB Diploma Programme (IBDP) and the IB Career-related Programme (IBCP). It emphasizes the practical application of mathematics in real-world contexts, preparing students for further study and professional careers. Topics include functions, statistical analysis, probability, trigonometry, sequences, and introductory calculus, with a focus on problem-solving, data interpretation, and mathematical modeling. The course integrates technology and inquiry-based learning while making connections to real-life applications in fields such as business, healthcare, and environmental science. Assessments include formative and summative evaluations, as well as the Internal Assessment (IA), an independent mathematical investigation. This course fosters critical thinking, research, and communication skills essential for success in higher education and the workplace.

**Applied Algebra IIA (0.5 credit)**  
**Applied Algebra IIB (0.5 credit)**

**Course Number: H02056018**  
**Course Number: H02056019**  
**SCED: 02056**

Applied Algebra II topics include a review of linear equations and inequalities; operations with rational and irrational expressions; transformations, factoring of rational expressions; quadratic equations; solving systems of linear and nonlinear equations; graphing of functions; properties of polynomial equations; and properties of radical functions, investigating exponential and logarithmic growth and decay, and further work into data analysis and statistics.

**Applied Consumer Math (0.5 credit)**

**Course Number: HRR1000**  
**SCED: 02157**

Consumer Math courses reinforce general math topics (such as arithmetic using rational numbers,



measurement, ratio and proportion, and basic statistics) and apply these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.

**Applied Geometry A & B (1.0 credit)**

**Course Number: H0207501**

**SCED: 02075**

Applied Geometry OL topics include transformations, concepts of congruence, similarity, angle relationships within parallel and perpendicular lines, proportions, rules of angle measurements of polygons, exploring dimensional measurement, area and volume of shapes, right triangle trigonometry, and data analysis and statistics.

**Geometry A (0.5 credit)**

**Course Number: H0207201**

**Geometry B (0.5 credit)**

**Course Number: H0207212**

**SCED: 02072**

Geometry topics include transformations, concepts of congruence, similarity, angle relationships within parallel and perpendicular lines, proportions, rules of angle measurements of polygons, exploring dimensional measurement, area and volume of shapes, right triangle trigonometry, and data analysis and statistics.

**IBMYP Geometry A (10th) (0.5 credit)**

**Course Number: H00207201MYP**

**IBMYP Geometry B (10th) (0.5 credit)**

**Course Number: H002072012MYP**

**SCED: 02072**

Geometry 10th topics include transformations, concepts of congruence, similarity, angle relationships within parallel and perpendicular lines, proportions, rules of angle measurements of polygons, exploring dimensional measurement, area and volume of shapes, right triangle trigonometry, and data analysis and statistics. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**Geometry B OL (0 credit)**

**Course Number: H0207212OL**

**SCED: 02072**

Geometry B OL topics include transformations, concepts of congruence, similarity, angle relationships within parallel and perpendicular lines, proportions, rules of angle measurements of polygons, exploring dimensional measurement, area and volume of shapes, right triangle trigonometry, and data analysis and statistics.

**Geometry Honors A (10<sup>th</sup>) (0.5 credit)**

**Course Number: H00207202H**

**Geometry Honors B (10<sup>th</sup>) (0.5 credit)**

**Course Number: H002072021H**

**SCED: 02072**

Geometry Honors topics include transformations, concepts of congruence, similarity, angle relationships within parallel and perpendicular lines, proportions, rules of angle measurements of polygons, exploring dimensional measurement, area and volume of shapes, right triangle trigonometry, and data analysis and statistics.

**IBMYP Geometry Honors A (0.5 credit)**

**Course Number: H00207202HMYP**

**IBMYP Geometry Honors B (0.5 credit)**

**Course Number: H002072021MYP**

**SCED: 02072**

Geometry Honors topics include transformations, concepts of congruence, similarity, angle relationships within parallel and perpendicular lines, proportions, rules of angle measurements of polygons, exploring dimensional measurement, area and volume of shapes, right triangle

trigonometry, and data analysis and statistics. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**Pre-Calculus A (0.5 credit)**  
**Pre-Calculus B (0.5 credit)**

**Course Number: H0211001**  
**Course Number: H0211012**  
**SCED: 02110**

Pre-Calculus combines the study of Trigonometry Functions, Analytic Geometry, and Math Analysis topics as preparation for Calculus. Topics include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, inverses and graphs; trigonometric identities and equations; conic sections; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

**RR Algebra A (0.5 credit)**  
**RR Algebra B (0.5 credit)**

**Course Number: H02052011**  
**Course Number: H02052012**  
**SCED: 02052**

RR Algebra I includes the study of properties and operations of the real number system; solving and graphing first degree equations and inequalities; translating word problems into equations; exponential growth and decay, systems of linear equations, introduction to statistics, operations with and factoring of polynomials; and introductions to graphs of quadratic equations.

**Math Support A (0.5 credit)**

**Course Number: H0299601**  
**SCED: 02996**

This course will focus on mastery of the standards being taught in the regular math class. Opportunities will be provided for students to learn standards not previously mastered as identified through diagnostic assessment and progress monitoring. Opportunities will provide for students to preview math concepts that will be taught in the regular math class, including pre-requisite skills and vocabulary. Students will also be engaged in *doing* mathematics, explaining their thinking, justifying their work, and using multiple representations of concepts to support their work in their regular math classes.

**Personal Finance (0.5 credit)**

**Course Number: H1205500**  
**SCED: 19262**

Personal Finance applies these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.

**Financial Literacy (0.5 credit)**

**Course Number: H0207411**  
**Course Number: H0207412**  
**SCED: 02074**

Financial Literacy includes the study of numeracy, financial literacy, and vocabulary of Algebra I. Topics include numeracy using mathematical relationships to reason with numbers and numerical concepts, to think through the math logically, to have a repertoire of strategies to solve problems, and to be able to apply the logic outside of classrooms.

**Statistical Coding Mathematics: (0.5 credits)**

**Course Number: H000220501**  
**SCED: 02205**

(Math Experience Elective) The Statistical Coding Mathematics course offers students an in-depth exploration of the mathematical principles and techniques essential for statistical analysis and data

science. This course emphasizes the practical application of mathematical concepts through coding in relevant statistical programming languages such as R or Python.

Topics covered include:

- Throughout the course, students will engage in practical coding exercises, projects
- Real-world data analysis tasks to reinforce their understanding of mathematical concepts and their application in statistical coding.
- Analyze statistical data
- Insightful data interpretations
- How to communicate their findings effectively using statistical coding techniques.

**Sheltered Math Skills A(0.5 credit)**  
**Sheltered Math Skills B (0.5 credit)**

**Course Number: H00200301S**  
**Course Number: H0200301S**  
**SCED: 02999**

This course is designed for English learners to strengthen foundational math skills necessary for success in higher-level mathematics. Students will develop number sense, problem-solving strategies, and mathematical reasoning through interactive and hands-on activities. Emphasis is placed on building academic vocabulary and comprehension to support students in transitioning to Algebra and other advanced math courses. This will be a senior math credit.

**Sheltered Algebra 1 A(0.5 credit)**  
**Sheltered Algebra 1 B (0.5 credit)**

**Course Number: H00200301S**  
**Course Number: H0200301S**  
**SCED: 02069**

Sheltered Algebra 1 provides English learners with a supportive environment to develop algebraic thinking and problem-solving skills. Sheltered Algebra I includes the study of properties and operations of the real number system; solving and graphing first degree equations and inequalities; translating word problems into equations; exponential growth and decay, systems of linear equations, introduction to statistics, operations with and factoring of polynomials; and introductions to graphs of quadratic equations while also integrating language support strategies. Students will engage in real-world applications to enhance mathematical understanding and communication.

**Sheltered Geometry A(0.5 credit)**  
**Sheltered Geometry B (0.5 credit)**

**Course Number:H00207201S**  
**Course Number: H02072010S**  
**SCED: 02079**

In this course, English learners will explore the principles of geometry, including angles, triangles, transformations, congruence, similarity, and three-dimensional figures. Geometry topics include transformations, concepts of congruence, similarity, angle relationships within parallel and perpendicular lines, proportions, rules of angle measurements of polygons, exploring dimensional measurement, area and volume of shapes, right triangle trigonometry, and data analysis and statistics. Through hands-on activities and structured language support, students will develop their ability to reason spatially and apply geometric concepts to real-world situations.

## Science

**Earth Science A (0.5 credit)**

**Course Number: H0300101**

**Earth Science B (0.5 credit)**

**Course Number: H0300102**

**SCED: 03001**

**Prerequisites - Must have completed Biology.** Earth Science offers insight into the environment on Earth and the Earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, this course usually explores oceanography, geology, astronomy, meteorology, and geography.

**Applied Biology A (0.5 credit)**

**Course Number: H00305100**

**Applied Biology B (0.5 credit)**

**Course Number:**

**SCED: 03051**

Applied Biology is designed to provide information regarding the fundamental concepts of life and life processes. This course includes (but is not restricted to) such topics as cell structure and function, ecology, general plant and animal physiology, and genetics.

**Biology A (0.5 credit)**

**Course Number: H0305101**

**Biology B (0.5 credit)**

**Course Number: H0305112**

**SCED: 03051**

Biology is designed to provide information regarding the fundamental concepts of life and life processes. This course includes (but is not restricted to) such topics as cell structure and function, ecology, general plant and animal physiology, and genetics.

**IBMYP Biology A (0.5 credit)**

**Course Number: H0305101MYP**

**IBMYP Biology B (0.5 credit)**

**Course Number: H0305112MYP**

**SCED: 03051**

Biology is designed to provide information regarding the fundamental concepts of life and life processes. This course includes (but is not restricted to) such topics as cell structure and function, ecology, general plant and animal physiology, and genetics. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**Biology A Honors (0.5 credit)**

**Course Number: HH03051021**

**Biology B Honors (0.5 credit)**

**Course Number: HH03051022**

**SCED: 03051**

Honors Biology is designed to provide information regarding the fundamental concepts of life and life processes. This course includes (but is not restricted to) such topics as cell structure and function, ecology, general plant and animal physiology, and genetics.

**IBMYP Biology A Honors (0.5 credit)**

**Course Number: HH03051021MYP**

**IBMYP Biology B Honors (0.5 credit)**

**Course Number: HH03051022MYP**

**SCED: 03051**

Honors Biology is designed to provide information regarding the fundamental concepts of life and life processes. This course includes (but is not restricted to) such topics as cell structure and function, ecology, general plant and animal physiology, and genetics. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**Chemistry A (0.5 credit)**  
**Chemistry B (0.5 credit)**

**Course Number: H0310101**  
**Course Number: H0310112**  
**SCED: 03101**

**Prerequisites: Must have completed Biology and be in at least 11th grade. Students should also have completed Algebra I.** Chemistry involves studying the composition, properties, and reactions of substances. This course typically explores such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions, atomic structure, and conservation of matter. Chemical formulas, equations, and nuclear reactions are also studied.

**IBMYP Chemistry A (0.5 credit)**  
**IBMYP Chemistry B (0.5 credit)**

**Course Number: H0310101MYP**  
**Course Number: H0310112MYP**  
**SCED: 03101**

Prerequisites: Must have completed Biology and be in at least 11th grade. Students should also have completed Algebra I. Chemistry involves studying the composition, properties, and reactions of substances. This course typically explores such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions, atomic structure, and conservation of matter. Chemical formulas, equations, and nuclear reactions are also studied. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**Chemistry A Honors (0.5 credit)**  
**Chemistry B Honors (0.5 credit)**

**Course Number: HH0310101**  
**Course Number: HH0310112**  
**SCED: 03101**

**Prerequisites: Must have completed Biology and be in at least 11th grade. Students should also have completed Algebra I.** Chemistry Honors involves studying the composition, properties, and reactions of substances. This course typically explores such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions, atomic structure, and conservation of matter. Chemical formulas, equations, and nuclear reactions are also studied.

**IBMYP Chemistry A (0.5 credit)**  
**IBMYP Chemistry B (0.5 credit)**

**Course Number: H0310101MYP**  
**Course Number: H0310112MYP**  
**SCED: 03101**

Prerequisites: Must have completed Biology and be in at least 11th grade. Students should also have completed Algebra I. Chemistry involves studying the composition, properties, and reactions of substances. This course typically explores such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions, atomic structure, and conservation of matter. Chemical formulas, equations, and nuclear reactions are also studied. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**Physics A (.5 Credits)**  
**Physics B (.5 Credits)**

**Course Number: H0315101**  
**Course Number: H0315102**  
**SCED: 03151**

**Prerequisite: Completed Algebra I.** Physics involves the study of matter and energy and the interactions between them. This course will explore the topics of motion, forces, energy, and electricity. Students will apply scientific and engineering ideas to design, build, and refine a device that minimizes the force during a collision and a device that works within given constraints to convert one form of energy into another form of energy. The study of physics may also include the examination of waves, sound, light, and magnetism.

**Anatomy and Physiology A (.5 Credits)**  
**Anatomy and Physiology B (.5 Credits)**

**Course Number: H0305301**  
**Course Number: H0305312**  
**SCED: 03053**

**Prerequisite: Have completed Biology,** Anatomy and Physiology presents the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on), and may dissect mammals.

**Forensics A (0.5 credit)**  
**Forensics B (0.5 credit)**

**Course Number: H1505501**  
**Course Number: H1505512**  
**SCED: 15055**

**Prerequisite: Have passed Biology and Chemistry,** Forensic science is a laboratory-based introduction to the analysis of crime scenes that explore the collecting and analyzing of physical evidence. This course will highlight topics in DNA, genetics, anatomy, chemistry, physics, entomology, botany, and investigative techniques. In addition, the ethical, legal, and social concerns surrounding forensics will be discussed. Process skills will include comparative analysis, critical thinking, deductive reasoning, interviewing, observation, organization, problem solving, research, communication, evidence collection, lab safety, and technical reading.

**Forensics A Honors (0.5 credit)**  
**Forensics B Honors (0.5 credit)**

**Course Number: H01505301**  
**Course Number: H015053011**  
**SCED: 01505**

**Prerequisite: Have passed Biology and Chemistry.** Forensic Honors science is a laboratory-based introduction to the analysis of crime scenes that explore the collecting and analyzing of physical evidence. This course will highlight topics in DNA, genetics, anatomy, chemistry, physics, entomology, botany, and investigative techniques. In addition, the ethical, legal, and social concerns surrounding forensics will be discussed. Process skills will include comparative analysis, critical thinking, deductive reasoning, interviewing, observation, organization, problem solving, research, communication, evidence collection, lab safety, and technical reading.

**CSI – Fact or Fiction? (1.0 credit)**

**Course Number: H122151010**  
**SCED: 12215**

**CSI (Elective: 1 semester; Meant for students who have not taken/will not be able to take Forensic Science due to Dual enrollment, RCTC, or credit recovery)** CSI-Fact or Fiction is an introductory course into the world of criminal science. This course serves as an introductory course to forensics for people who can't take the full year course. In this class, we will briefly touch on all of the aspects to be covered in depth during senior year science. This class covers a wide range of the background material needed to be successful in forensics, such as the psychology, history, and math needed to be a successful forensic scientist. This will be done through literature studies, examining past criminal cases, and mathematical practice. To be successful in this class, students must have completed algebra, have some knowledge of geometry, and have completed freshman level history and English classes.

**Environmental Science B (0.5 credit)**

**Course Number: H0300312**  
**SCED: 03003**

**Prerequisites: Must have completed Earth Science (B or higher), Algebra I (C or higher), and be at least in 11th grade.** Students will dive deeper into the Earth's four spheres (hydrosphere, atmosphere, biosphere, and geosphere) that they learned in Earth Science. During this course, they

will connect the four spheres to environmental problems/policies/factors to better understand anthropogenic and biogenic impacts on the planet.

**Botany & Horticulture A (0.5 credit)**

**Course Number:**

**SCED: 03058**

Botany and horticulture focus on the perspective of how and why plants are important to humans. This includes topics such as food apartheid, improving health and nutrition, and utilizing various agricultural techniques to grow and sell vegetables, herbs, and fruit plants. Students will build upon the knowledge they have developed in Biology to learn more about plants and trees, their impact on our ecosystem, and how we impact theirs. It is an incredibly hands-on, applied science course that requires working actively with soil/dirt, seeds, plants, water, and natural fertilizers. There is a required physical activity component; this includes walking on uneven terrain (outside in the woods). Students should be comfortable and have a working knowledge of lab safety and lab equipment for measurement. Students can participate in a one or two-year pathway program. Upon completion of the two-year program, students certify online with Washtenaw Water Resources as Master Rain Gardener.

**Botany & Horticulture B (0.5 credit)**

**Course Number:**

**SCED: 03058**

Botany and horticulture focus on the perspective of how and why plants are important to humans. This includes topics such as food apartheid, improving health and nutrition, and utilizing various agricultural techniques to grow and sell vegetables, herbs, and fruit plants. Students will build upon the knowledge they have developed in Biology to learn more about plants and trees, their impact on our ecosystem, and how we impact theirs. It is an incredibly hands-on, applied science course that requires working actively with soil/dirt, seeds, plants, water, and natural fertilizers. There is a required physical activity component; this includes walking on uneven terrain (outside in the woods). Students should be comfortable and have a working knowledge of lab safety and lab equipment for measurement. Students can participate in a one or two-year pathway program. Upon completion of the two-year program, students certify online with Washtenaw Water Resources as Master Rain Gardener.

**Botany & Biomimicry 2A (0.5 credit)**

**Course Number:**

**Botany & Biomimicry 2B (0.5 credit)**

**Course Number:**

**SCED: 03058**

Botany and Biomimicry focus on scientific investigation and research on soil health and its impact by human intervention. They will care for the existing rain garden and YCS prairie, map the Grizzly woods, and more. Students will build upon the knowledge they have developed in Biology to learn more about plants and trees, their impact on our ecosystem, and how we impact theirs. It is an incredibly hands-on, applied science course that requires working actively with soil/dirt, seeds, plants, water, and natural fertilizers. There is a required physical activity component; this includes walking on uneven terrain (outside in the woods). Students should be comfortable and have a working knowledge of lab safety and lab equipment for measurement. Students can participate in a one or two-year pathway program. Upon completion of the two-year program, students certify online with Washtenaw Water Resources as Master Rain Gardener.

**Sheltered Biology A (0.5 credit)**

**Course Number: 0305101S**

**Sheltered Biology B (0.5 credit)**

**Course Number: 0305101S**

**SCED: 03051**

This course offers English learners an introduction to the principles of biology, including cell biology, genetics, evolution, ecosystems, and human body systems. Through hands-on labs, structured discussions, and language support, students will develop scientific inquiry skills and a deeper understanding of biological concepts.

**Chemistry A (0.5 credit)**

**Course Number: H0310101S**

**Chemistry B (0.5 credit)**

**Course Number: H0310101S**

**SCED: 03101**

Sheltered Chemistry provides English learners with a foundation in chemical principles, including atomic structure, chemical reactions, the periodic table, and states of matter. With an emphasis on academic vocabulary and language development, students will participate in laboratory investigations and problem-solving activities to enhance their understanding of chemistry in the world around them.

## Social Studies

**African American History A (0.5 credit)**

**Course Number: H0406501**

**SCED:04065**

**(Offered Each Semester - 0.5 Credit Elective/Class can be taken out of sequence)** This course will look at an often-overlooked, yet incredibly important, portion of American history. In section A of the course, we will examine early facts and concepts that center around the discovery of early man in Africa and the rise of advanced African civilizations to the years of slavery in the United States (including the origins of the slave trade; antebellum plantation-life for slaves, changes in American slavery patterns, etc.).

**African American History B (0.5 credit)**

**Course Number: H0406502**

**SCED: 04065**

**(Offered Each Semester - 0.5 Credit Elective/Class can be taken out of sequence)** This course will look at an often-overlooked, yet incredibly important, portion of American history. In section B of the course, we will look at cultural issues that face African Americans and ultimately society as a whole. The course will, however, primarily focus on the cultural strides (as well as continuing struggles) of African-Americans from the 1900s to the present day. Focus areas will include: Impact of the 13th Amendment, Jim Crow Laws, landmark Supreme Court cases, the struggle for school integration, War On Drugs, Mass Incarceration, Black Lives Matter Movement, the History of Blackface, and Colorism.

**Economics (0.5 credit)**

**Course Number: H0420100**

**SCED: 04201**

The economics content is necessary for the understanding and analysis of a wide variety of applications, including those involving individual and household choices, personal finance issues, business and entrepreneurial decisions, and public policy. Students analyze and study economic concepts and principles in three contextual areas: individual and household context, a business context, and a government or public context focused around four content areas: The Market Economy; The National Economy; the International Economy; and Personal Finance.



**Economics Honors (0.5 credit)****Course Number: H00420102****SCED: 04201**

The economics content is necessary for the understanding and analysis of a wide variety of applications, including those involving individual and household choices, personal finance issues, business and entrepreneurial decisions, and public policy. Students analyze and study economic concepts and principles in three contextual areas: individual and household context, a business context, and a government or public context focused around four content areas: The Market Economy; The National Economy; the International Economy; and Personal Finance.

**Applied US Hist. A&B (0.5 credit)****Course Number: H00410300****SCED: 04103**

This course will examine the history of the United States from Industrialization through the Present. This course will involve a close examination of the implications and effects of the social, cultural, political, and economic developments that have shaped our nation's past including, but not limited to, the Progressive Era, the Great Depression, World War I and II, the Cold War, and the Civil Rights movements.

**Government (0.5 credit)****Course Number: H0415100****SCED: 04151**

Government is a required course for graduation and covers several aspects of government, and will explore the origins of the American democratic system. In addition, students will learn how the constitution embodies the values and purposes set up by the founding fathers. The structure and function of the government will be analyzed on a national, state, and local level while showing how each level is interrelated. This will launch the class into discussing how constitutional values relate to other nations and world affairs. Throughout the course, we will focus on how the people play an active role in government and the importance each citizen contributes to society.

**Sports History (0.5 credit)****Course Number: H0414900****SCED: 04149**

**(Offered Each Semester - 0.5 Credit Elective/Class can be taken out of sequence)** History of Sports will offer students an insight into America's rich history through the eyes of athletics. Throughout the semester, students will learn the history of the development of sports as an American pastime as well as a way to overcome racial, ethnic, and socioeconomic barriers for individuals in all athletic arenas. This sport will view the creation of America's favorite pastimes of football, baseball, basketball, and hockey from their creation to the modern day. It will also highlight sports' crucial roles in overcoming significant social barriers in society. In this course, students will analyze primary and secondary sources as well as films and other sources to understand athletics' impact on our society.

**United States Hist & Geog A (0.5 credit)****Course Number: H0410101****United States Hist & Geog B (0.5 credit)****Course Number: H0410112****SCED: 04101**

This course will examine the history of the United States from Industrialization through the Present. This course will involve a close examination of the implications and effects of the social, cultural, political, and economic developments that have shaped our nation's past including, but not limited to, the Progressive Era, the Great Depression, World War I and II, the Cold War, and the Civil Rights movements.

**IBMYP US History & Geography A (0.5 credit)**  
**IBMYP US History & Geography B (0.5 credit)**

**Course Number: HH04101021MYP**  
**Course Number: HH04101022MYP**  
**SCED: 04101**

This course will examine the history of the United States from Industrialization through the Present. This course will involve a close examination of the implications and effects of the social, cultural, political, and economic developments that have shaped our nation's past including, but not limited to, the Progressive Era, the Great Depression, World War I and II, the Cold War, and the Civil Rights movements. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**United States Hist & Geog A Honors (0.5 credit)**  
**United States Hist & Geog B Honors (0.5 credit)**

**Course Number: HH04101021**  
**Course Number: HH04101022**  
**SCED: 04101**

This course will examine the history of the United States from Industrialization through the Present. This course will involve a close examination of the implications and effects of the social, cultural, political, and economic developments that have shaped our nation's past including, but not limited to, the Progressive Era, the Great Depression, World War I and II, the Cold War, and the Civil Rights movements.

**World Hist & Geog A (0.5 credit)**  
**World Hist & Geog B (0.5 credit)**

**Course Number: H0405201**  
**Course Number: H0405212**  
**SCED:04052**

In this course we will trace major characteristics of human civilizations throughout the world, beginning with Ancient Greece and Rome, the Middle Ages, Scientific Revolution, the Renaissance and Reformation eras, the Enlightenment, as well as global interactions of the 16<sup>th</sup> century until the present by exploring the social, cultural, political, and economic developments throughout world civilizations. We will draw comparisons to illustrate the diversity and similarity among civilizations and to develop a global view of world systems.

**IBMYP World Hist & Geog A (0.5 credit)**  
**IBMYP World Hist & Geog B (0.5 credit)**

**Course Number: H0405201MYP**  
**Course Number: H0405212MYP**  
**SCED: 04052**

In this course we will trace major characteristics of human civilizations throughout the world, beginning with Ancient Greece and Rome, the Middle Ages, Scientific Revolution, the Renaissance and Reformation eras, the Enlightenment, as well as global interactions of the 16<sup>th</sup> century until the present by exploring the social, cultural, political, and economic developments throughout world civilizations. We will draw comparisons to illustrate the diversity and similarity among civilizations and to develop a global view of world systems. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**World Hist & Geog Honors A (0.5 credit)**  
**World Hist & Geog Honors B (0.5 credit)**

**Course Number: 0405202H**  
**Course Number: 04052022H**  
**SCED: 04052**

In this course we will trace major characteristics of human civilizations throughout the world, beginning with Ancient Greece and Rome, the Middle Ages, Scientific Revolution, the Renaissance and Reformation eras, the Enlightenment, as well as global interactions of the 16<sup>th</sup> century until the present by exploring the social, cultural, political, and economic developments throughout world civilizations. We will draw comparisons to illustrate the diversity and similarity among civilizations and to develop a global view of world systems.

**IBMYP World Hist & Geog Honors A (0.5 credit)**  
**MYP World Hist & Geog Honors B (0.5 credit)**

**Course Number: 0405202HMYP**  
**Course Number: 04052022HMYP**  
**SCED: 04052**

In this course we will trace major characteristics of human civilizations throughout the world, beginning with Ancient Greece and Rome, the Middle Ages, Scientific Revolution, the Renaissance and Reformation eras, the Enlightenment, as well as global interactions of the 16th century until the present by exploring the social, cultural, political, and economic developments throughout world civilizations. We will draw comparisons to illustrate the diversity and similarity among civilizations and to develop a global view of world systems.

**Life Survival Skills (0.5 Credit Elective)**

**Course Number: H122206011**  
**SCED:19257**

The content of this elective course is student-guided and project-based. Throughout the semester, students learn necessary life skills including personal finance, personal fitness and mental health, basic use of hand tools, basic cooking skills and safety, sewing and clothing repair, and car maintenance. Students are encouraged to pursue topics of interest within the curriculum. Lessons are taught both by the classroom teacher, as well as experts in the fields of interest for the class.

**Black American Culture (0.5 credits)**

**Course Number: H000406501**  
**SCED: 04065**

**(Social Studies Elective)** This elective course provides students with an in-depth exploration of the rich and diverse cultural heritage of Black Americans. Through an interdisciplinary approach, students will examine the historical, social, political, and artistic dimensions that have shaped Black American culture. Emphasis will be placed on understanding the complexities, contributions, and resilience of Black Americans within the broader context of American society.

Topics covered include:

- Historical overview of Black American experiences, including slavery, emancipation, the Civil Rights Movement, and contemporary issues.
- Cultural expressions in literature, poetry, and oral traditions from the Harlem Renaissance to contemporary Black authors.
- Contributions of Black Americans to music genres such as jazz, blues, gospel, hip-hop, and R&B.
- Exploration of visual arts, including the work of prominent Black American artists and movements such as the Black Arts Movement.
- Examination of Black American contributions to theater, film, and television, highlighting key figures and productions.
- Exploration of social movements and activism within the Black community, including the Black Lives Matter movement.

**Sheltered US History & Geography A (0.5 credit)**  
**Sheltered US History & Geography B (0.5 credit)**

**Course Number: H0410101S**  
**Course Number: H0410101S**  
**SCED: 04101**

This course provides English learners with an overview of key events, figures, and themes in U.S. history from the colonial era to the present. Using adapted materials and language development strategies, students will analyze historical documents, engage in discussions, and develop their academic writing skills while gaining a deeper understanding of the nation's past.

**Sheltered World Hist & Geog A (0.5 credit)**  
**Sheltered World Hist & Geog B (0.5 credit)**

**Course Number: H04052011S**  
**Course Number: H0405211S**  
**SCED: 04052**

Sheltered World History introduces English learners to major civilizations, cultural movements, and historical events from ancient times to the modern era. Emphasis is placed on building historical thinking skills, interpreting primary and secondary sources, and strengthening academic language related to global history.

## Physical Education

**Physical Education (0.5 credit)**

**Course Number: H0803900**  
**SCED: 08039**

Physical education gives students the ability to grow and develop the necessary motor skills to live healthy lives. The curriculum is designed around the Michigan Merit Curriculum and provides them with opportunities to develop social skills in group activities. This course also encourages students to set personal short-term and long-term goals based on their kinesthetic achievements. Emphasis is placed on individual and team sports, outdoor recreation, rhythmic/expressive movements and other health related fitness and conditioning activities that empower the cardiovascular and muscular/skeletal system.

**IBMYP Physical Education (0.5 credit)**

**Course Number: H0803900MYP**  
**SCED:08039**

Physical education gives students the ability to grow and develop the necessary motor skills to live healthy lives. The curriculum is designed around the Michigan Merit Curriculum and provides them with opportunities to develop social skills in group activities. This course also encourages students to set personal short-term and long-term goals based on their kinesthetic achievements. Emphasis is placed on individual and team sports, outdoor recreation, rhythmic/expressive movements and other health related fitness and conditioning activities that empower the cardiovascular and muscular/skeletal system. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**Health (0.5 credit)**

**Course Number: H0805100**  
**SCED: 08051**

All students will demonstrate basic core concepts of nutrition and physical activity, social and emotional wellness, sexuality education and the prevention of HIV/AIDS and other communicable diseases. They will also develop skills to resist alcohol, tobacco and other drugs, as well as basic safety procedures needed to demonstrate overall wellness. Through hands-on activities and project-based learning, students will apply decision-making and social skills, set healthy life-long

goals and demonstrate healthy behaviors. Students will also be empowered to analyze diverse influences on their health and access valid health resources in their community.

**IBMYP Health (0.5 credit)**

**Course Number: H0805100MYP**  
**SCED: 08051**

All students will demonstrate basic core concepts of nutrition and physical activity, social and emotional wellness, sexuality education and the prevention of HIV/AIDS and other communicable diseases. They will also develop skills to resist alcohol, tobacco and other drugs, as well as basic safety procedures needed to demonstrate overall wellness. Through hands-on activities and project-based learning, students will apply decision-making and social skills, set healthy life-long goals and demonstrate healthy behaviors. Students will also be empowered to analyze diverse influences on their health and access valid health resources in their community. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**LINK Health (0.5 credit)**

**Course Number: H00805401**  
**SCED: 08054**

This course was developed for students with cognitive disabilities and/or a need for special education services. All students will demonstrate basic core concepts of nutrition and physical activity, social and emotional wellness, sexuality education and the prevention of HIV/AIDS and other communicable diseases. They will also develop skills to resist alcohol, tobacco and other drugs, as well as basic first aid/CPR and safety procedures needed to demonstrate overall wellness. Through hands-on activities and project-based learning, students will apply decision making and social skills, set healthy life-long goals and demonstrate healthy behaviors. Students will also be empowered to analyze diverse influences on their health and access valid health resources in their community.

**Link Health Mentor (0.5 credit)**

**Course Number: H00805101**  
**SCED: 08051**

This course is for students who are interested in mentoring students with cognitive impairments in the Health classroom. Students will be expected to work side by side with their mentees, helping them complete tasks and assignments as well as building social skills. Mentors will also be expected to complete their own Health. All students will demonstrate basic core concepts of nutrition and physical activity, social and emotional wellness, sexuality education and the prevention of HIV/AIDS and other communicable diseases. They will also develop skills to resist alcohol, tobacco and other drugs, as well as basic safety procedures needed to demonstrate overall wellness. Through hands-on activities and project-based learning, students will apply decision-making and social skills, set healthy life-long goals and demonstrate healthy behaviors. Students will also be empowered to analyze diverse influences on their health and access valid health resources in their community.

**Link PE (0.5 credit)**

**Course Number: H0800701**  
**SCED: 08007**

This course is an adapted physical education class designed for students with physical, cognitive and/or other disabilities. Students will be provided with a quality physical education with personal goals as its focus. Students will be paired up with a student mentor to help build locomotor skills, social skills, and other athletic concepts. Classes will take place in the main gym, the indoor pool, outdoors, and at the track.

**Link PE Mentor (0.5 credit)**

**Course Number: H00800101**

**SCED: 08001**

Students in this class will be peer mentors for students with physical, cognitive and/or other disabilities. Mentors will be paired up with a mentee to help develop locomotor skills as well as social skills. Mentors are expected to participate in every activity and demonstrate quality behavior for their mentees. Class will take place in the main gym, the pool, outside, and at the track.

**Lifetime Fitness (PE 11-12) (0.5 Credit)**

**Course Number:**

**SCED: 08016**

Students will use their kinesthetic knowledge to set personal fitness goals, create fitness plans and learn innovative ways to lead a physically fit lifestyle. This course includes some topics related to cardiovascular endurance, rhythmic/expressive movement, individual/team sports, outdoor recreation, strength/conditioning, flexibility, and balance. Through teamwork as well as individual exercise, students will achieve overall wellness. This class is open to juniors and seniors.

**Team Sports (0.5 credit)**

**Course Number: H0800200**

**SCED: 08002**

Team Sports is a physical activity class that focuses on participation as it relates to cultural, ethnic, gender, and physical diversity in such sports as basketball, baseball, football, soccer, softball, speedball, dodgeball, ultimate Frisbee, volleyball or any game that incorporates teaminess.

**Yoga, Dance & Aerobics (0.5 credit)**

**Course Number: H0504900**

**SCED: 05049**

This is an advanced class for students who already passed Physical Education with 75% or higher. It is intended for upper-classmen as an advanced physical education elective. Students will be introduced to a variety of yoga styles, forms of dance, and aerobic fitness components. Some yoga objectives implement personal health and wellness of the mind and body while integrating movement, meditation, and overall well-being. The dance component of this class offers a variety of rhythmic movements with an emphasis on creative expression and artistic growth. Other fundamentals of this course include Zumba, stepping, core strengthening as well as a variety of dance methods and artistic forms of physical fitness.

**Weight Training (0.5 credit)**

**Course Number: H0800900**

**SCED: 08009**

This is an advanced class for students who already passed Physical Education with a 75% or higher. It is intended for upper-classmen as an advanced physical education elective. This course is designed to allow students to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardio-respiratory endurance activities. Students will learn the fundamentals of weight training, strength training, aerobic training, and overall fitness training and conditioning. The course includes both lecture and activity sessions. Students will be empowered to make wise choices, meet challenges, learn basic anatomy and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

**Personal Fitness (0.5 credit)**

**Course Number: H0804900**

**SCED: 08049**

Personal Fitness is focused on helping students build knowledge to adopt healthy fitness skills into their daily lives. Many different aspects of exercise will be implemented to help promote an active and healthy quality of life. Many daily activities include but are not limited to a variety of cardio, plyometrics, strength training, and conditioning, aerobic, anaerobic exercises, and many more.

Students will be expected to participate and give their best effort daily. Students will improve their physical fitness, increase their heart rate and break a sweat.

**Personal Training A (0.5 credit)**

**Course Number:**

**SCED: 08005**

Students will participate in a 1-year program that prepares them for a career as a personal trainer. Students who participate in the Personal Training Program will receive an ACE Personal Trainer Certificate once they have completed the course requirements and reached the age of 18. This class can be used in place of a Physical Education class.

Prerequisite Classes: Health & Physical Education

Required Classes: Personal Trainer Prep 1 & Personal Trainer Prep 2

**World Language**

**Spanish I A (0.5 credit)**

**Course Number: H0610101**

**Spanish I B (0.5 credit)**

**Course Number: H0610112**

**SCED: 06101**

This introductory course is designed for students with little or no previous study of Spanish. Some students in class might have studied Spanish in middle school, but have not grasped some of the important structures of the language. This course teaches basic language patterns and vocabulary. Repetition and comprehensible input are important components of this course. Focus is on all four language skills: listening, speaking, reading, and writing. Culture is an integral part of the course and is introduced through the use of media, games, adapted readings, and class discussions. In addition to written tests and quizzes, students may also be assessed utilizing a variety of activities, many of them participatory in nature. Homework assignments are an integral part of this course; they reinforce concepts/skills introduced and explored in class, which enable students to participate in class in a meaningful way. Completion of homework assignments is a must. Active participation is required.

**IBMYP Spanish I A (0.5 credit)**

**Course Number: H0610101MYP**

**IBMYP Spanish I B (0.5 credit)**

**Course Number: H0610112MYP**

**SCED: 06101**

This introductory course is designed for students with little or no previous study of Spanish. Some students in class might have studied Spanish in middle school, but have not grasped some of the important structures of the language. This course teaches basic language patterns and vocabulary. Repetition and comprehensible input are important components of this course. Focus is on all four language skills: listening, speaking, reading, and writing. Culture is an integral part of the course and is introduced through the use of media, games, adapted readings and class discussions. In addition to written tests and quizzes, students may also be assessed utilizing a variety of activities, many of them participatory in nature. Homework assignments are an integral part of this course; they reinforce concepts/skills introduced and explored in class, which enable students to participate in class in a meaningful way. Completion of homework assignments is a must. Active participation is required. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**Spanish II A (0.5 credit)**

**Course Number: H0610201**

**Spanish II B (0.5 credit)**

**Course Number: H0610212**

**SCED: 06102**

This course is a continuation of the objectives and skills presented in Spanish I. It is designed to present materials in such a way that the student will derive pleasure and satisfaction in acquiring the language skills through topic-based curriculum and comprehensible input with exposure in all four areas of language acquisition: listening, speaking, reading, and writing. The course will focus on daily life, healthy living, personal information, and travel and leisure to progressively enable the students to increase communicative proficiency, vocabulary, and give exposure to various language structures to increase overall language proficiency. Students will be exposed to different cultural perspectives, customs, art, food, and music of the countries where Spanish is spoken.

**IBMYP Spanish II A (0.5 credit)**

**Course Number: H0610201MYP**

**IBMYP Spanish II B (0.5 credit)**

**Course Number: H0610212MYP**

**SCED: 06102**

This course is a continuation of the objectives and skills presented in Spanish I. It is designed to present materials in such a way that the student will derive pleasure and satisfaction in acquiring the language skills through topic-based curriculum and comprehensible input with exposure in all four areas of language acquisition: listening, speaking, reading, and writing. The course will focus on daily life, healthy living, personal information, and travel and leisure to progressively enable the students to increase communicative proficiency, vocabulary, and give exposure to various language structures to increase overall language proficiency. Students will be exposed to different cultural perspectives, customs, art, food, and music of the countries where Spanish is spoken. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**Spanish for Spanish Speakers A (0.5 credit)**

**Course Number: H2405701**

**Spanish for Spanish Speakers A (0.5 credit)**

**Course Number: H2405701**

**SCED: 24057**

This course is designed for students who already speak, understand, or have been exposed to Spanish at home and want to strengthen their reading, writing, and academic language skills. The class focuses on refining grammar, expanding vocabulary, improving formal writing, and deepening cultural knowledge. Students will explore literature, history, and current events from Spanish-speaking countries while enhancing their ability to express themselves effectively in both informal and academic settings. Through discussions, projects, and creative assignments, students will develop greater confidence in their bilingual abilities and cultural identity.

This course fulfills a world language requirement and prepares students for advanced Spanish courses, including IB Coursework.

## Visual Arts

**3D Art (0.5 credit)**

**Course Number: H0050515901**

**SCED: 05051**

3D Art Design is a studio-oriented class exploring different media areas of 3D and Graphic design. The emphasis of this course is to expose students to 3D art mediums and to build their creative skills through the elements and principles of design.

**ART I A (0.5 credit)**

**Course Number: HST610A**



**ART I B (0.5 credit)****Course Number: HUN600B  
SCED:05154**

This is a comprehensive course that provides students with the knowledge and opportunity to explore an art form and to create individual works of art. This course may also provide a discussion and exploration of career opportunities in the art world. It will cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are engaged to develop their artistic styles. Although this course focuses on creation, it may also include the study of major artists, art movements, and styles.

**Community Art (0.5 credit)****Course Number: H0519900  
SCED: 05199**

Community Art will explore how art integrates itself into the community by way of murals, sculptures, and performance. This class will create art in the community using different mediums while understanding what community art is already present. Particular attention will be paid to the different cultures and the rich community history of Ypsilanti.

**Drawing A (0.5 credit)****Course Number: H0515600****Drawing B (0.5 credit)****Course Number: H0515601  
SCED: 05156**

Drawing is an art class that concentrates on developing the principles of design while utilizing the elements of art. The basic building blocks of shape and form are emphasized while exploring different styles and movements in art. Students will learn everything from drawing using the grid method to designing a comic strip. They will incorporate design elements such as shading, perspective, proportion, texture, and value in all of their works.

**Ceramics (0.5 credit)****Course Number: H0515900  
SCED: 05159**

Pottery courses cover the same topics as Experiments in Art, but focus on creating three-dimensional works out of clay and ceramic material. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish objects.

**Photography (0.5 credit)****Course Number: H0516701  
SCED: 05167**

Photography is an intensive introduction to photography, concentrating on composition, photo fundamentals (ISO, shutter speed, f/stop) and camera operation. Areas of investigation include exposure control, online storage, curating, and presenting. A significant amount of time will be spent researching and discussing contemporary photographers as well as photo history. The end of the term will yield a firm working knowledge of the photographic process and a familiarity with many of its applications. Expectations of work outside of class include photographing events, such as athletics and dances, and ongoing engagement with Google Drive to review photos.

**Commercial Photography (0.5 credit)****Course Number: H122151011  
SCED: 11052**

Commercial photography is a comprehensive look into the business of photography. A brief introduction to photography is given at the beginning of the semester, followed by a thorough explanation and demonstration of the commercial studio equipment. No matter the subject, whether it is food, product or person, understanding and/or manipulating the light to achieve a

desired look will be the outcome. Expectations of work outside of class include reaching out to and working with a business in the community to help market their product(s).

**Yearbook I A (0.5 credit)**  
**Yearbook I B (0.5 credit)**

**Course Number: H1110401**  
**Course Number: H1110412**  
**SCED: 11104**

**(Year Long Course)** The yearbook course has been designed to provide students with the journalism skills and the ability to apply those skills to the actual production of the yearbook. Units of study include teamwork, responsibility, brainstorming, content, coverage, concept, reporting, writing, headlines, captions, editing, photography, typography, design, graphics, finances, yearbook campaigns, advertising and distribution. The work done by the yearbook staff is a real-world experience that results in the current volume of our school's yearbook. The publication strives to maintain a tradition of excellence in which the school and the community can take pride. Mastery of the goals and objectives, and educate students in all areas of publication production. ***Students must commit to both semesters of the course before signing up for the class.***

**Film Study (0.5 credits)**

**Course Number : H000520301**  
**SCED:05203**

**(Art Elective)**1 Semester Class High School Film Studies is an engaging and comprehensive course designed to explore the art, history, and impact of cinema. Through a combination of film screenings, discussions, readings, and analytical assignments, students will delve into the rich tapestry of cinematic storytelling, examining films from various genres, periods, and cultural perspectives.

Topics Covered Include:

- Fundamental elements of film analysis
- Cinematography
- Editing, sound, mise-en-scène, and narrative structure.
- Use of elements to convey meaning, evoke emotions, and create compelling cinematic experiences.
- Various genres of film
- Examining thematic styles, stylistic choices, and cultural significance.
- Assess the artistic merits and storytelling techniques employed by filmmakers.

## Vocal Music

**Choir A (0.5 credit)**  
**Choir B (0.5 credit)**

**Course Number: H0511001**  
**Course Number: H0511012**  
**SCED: 05110**

Students develop comfortability in performing in the community and have up to 20 public performances per school year. They learn presentation skills, cooperation, discipline, accuracy in performance, and extensive soft skills. Students who engage in performing arts for a minimum of 1 academic year earn the Performing Arts Certification. This certification is provided to all students upon completing their senior year of choir, piano, or band.

**IBMYP Choir A (0.5 credit)**  
**IBMYP Choir B (0.5 credit)**

**Course Number: H0511001MYP**  
**Course Number: H0511012MYP**  
**SCED: 05110**

Students develop comfortability in performing in the community and have up to 20 public performances per school year. They learn presentation skills, cooperation, discipline, accuracy in

performance, and extensive soft skills. Students who engage in performing arts for a minimum of 1 academic year earn the Performing Arts Certification. This certification is provided to all students upon completing their senior year of choir, piano, or band. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

## Instrumental Music

### Keyboard/Piano (0.5 Credit)

**Course Number: H0510700**

**SCED: 05107**

Piano class is offered to students in grades 9-12 of varying experience. Students may enroll in a piano class for multiple semesters. Students will progress from wherever they are, be it beginner or accomplished. Students will use sheet music to learn piano literature of many different genres; folk, classical, New Age, pop, etc. Students will have the opportunity to perform in a public piano recital. Students who are eligible for membership in the high school band must be: 1.) previously enrolled in band at the middle school level, 2.) be recommended by one of the band directors 3.) have an interview and audition to get an accurate assessment of his/her musical skills for placement. Upon acceptance in the program, the parents will be notified of the policies and expectations of the band program. Generally, an ongoing observation will follow during the year to make sure the student is meeting the minimum requirements of the class.

### Symphonic Band A (0.5 credit)

**Course Number: H0510601**

### Symphonic Band B (0.5 credit)

**Course Number: H0510612**

**SCED: 05106**

**Prerequisite:** MS band participation or approval from the band director. This class expands the middle school band curriculum and adds: style, interpretation, and improvisation. This course is designed to teach self-discipline, teamwork, and higher level thinking skills necessary to express one's self through music. It requires more of a commitment to excellence. It will include a balanced comprehensive study of music that develops skills in the psychomotor, cognitive, and affective domains. Classroom activities are designed to develop elements of musicianship, including tone production, technical skills, intonation, music reading skills, and the integration to other applicable disciplines. Several public performances at formal concerts and/or band contests serve as the culmination of classroom instruction and musical goals. After school rehearsals, performances, and activities are part of the course grade. These activities are an integral element that support and extend learning in the classroom.

### Music Appreciation (0.5 Credit)

**Course Number: H0511800**

**SCED: 05118**

**Prerequisite:** None. This course teaches multiple aspects of music, including the basic elements of music, music analysis, beat making, movie music, music and instruments from other cultures, Classical music history, and Contemporary music history. This course contains multiple music-based writing assignments, soundtrack creation, and music composition.

### IBMYP Music Appreciation A (0.5 Credit)

**Course Number: H0511800MYP**

### IBMYP Music Appreciation B (0.5 Credit)

**Course Number:**

**SCED: 05118**

**Prerequisite:** None. This course teaches multiple aspects of music, including the basic elements of music, music analysis, beat making, movie music, music and instruments from other cultures, Classical music history, and Contemporary music history. This course contains multiple music-based

writing assignments, soundtrack creation, and music composition. This course is designed to meet both the Michigan State Content Standards and the Aims Objectives and Framework for the Middle Years Programme (MYP) of the International Baccalaureate.

**Keyboard (0.5 credit)**

**Course Number: H0510700**

**SCED:05107**

The beginner keyboard course lasts about 6-9 months, which includes basic fingering techniques, fundamental music theory, sight reading, basic chord progression, song application, and ear training exposure.

**Band A (0.5 credit)**

**Course Number:**

**Band B (0.5 credit)**

**Course Number:**

**SCED: 05102**

Students in the band study a woodwind, brass, or percussion instrument throughout the school year. Those new to playing an instrument begin their musical journey in the fall in Introduction to Band and focus on developing the fundamental skills needed to find long-term success in music. They learn the exercises, short melodies, and full concert pieces. Returning band students in the Symphonic band continue to learn increasingly advanced scales, exercises, and pieces of concert music while focusing more on technique and professional musicianship. Students who engage in performing arts for a minimum of 1 academic year earn the Performing Arts Certification. This certification is provided to all students upon completing their senior year of choir, piano, or band.

**Communication & Theater Art**

**Drama I A (0.5 Credit)**

**Course Number: H0505101**

**SCED:05051**

(Offered Each Semester - 0.5 Credit Elective/ prerequisite for those interested in Stage Performance) A dramatic experience is intrinsic in human development. An introduction of dramatic games and exercises will be used as a way of sharpening imagination, building interpersonal relationships, and most importantly strengthening individual identity.

**Stage Performance (0.5 Credit)**

**Course Number: SP10000**

**SCED: 05055**

(Offered Each Semester - 0.5 Credit Elective) Stage Performance will allow students to take some of the tools learned in drama and combine them with theater concepts that will allow students to perform. This class will create a platform for the student voice to be heard on issues youth face.

**Student Support Services**

**Career Success Skills 11 (0.5 credit)**

**Course Number:**

**SCED: 22152**

Students identify areas of career interest and complete introductory career and life skills units (social-emotional/communication, functional living, soft skills). Students with Individualized Education Plans (IEPs) build upon critical skills necessary to achieve career success. Skills covered include but are not limited to: soft skills (email etiquette, computer usage, study skills, organizational/time management skills, etc.), practical writing (resumes, cover letters, thank you letters, etc.), functional reading (technical/informative) and functional math skills (budgeting, bank account math, etc.). Students will also be able to participate in optional programs with Michigan

Rehabilitation Services (MRS), a statewide network of professionals developing and delivering individualized services that assist potential employees with differing abilities to prepare for, pursue and retain careers. Students who participate in this pathway will receive a YCHS Career Success Skills certificate upon successful completion of their senior year.

**Career Success Skills 12 (0.5 credit)**

**Course Number:**

**SCED: 22152**

Students complete a senior project using the T-Folio components (College/vocational school exploration, job preparation, personal writing, etc.). Students with Individualized Education Plans (IEPs) build upon critical skills necessary to achieve career success. Skills covered include but are not limited to: soft skills (email etiquette, computer usage, study skills, organizational/time management skills, etc.), practical writing (resumes, cover letters, thank you letters, etc.), functional reading (technical/informative) and functional math skills (budgeting, bank account math, etc.). Students will also be able to participate in optional programs with Michigan Rehabilitation Services (MRS), a statewide network of professionals developing and delivering individualized services that assist potential employees with differing abilities to prepare for, pursue and retain careers. Students who participate in this pathway will receive a YCHS Career Success Skills certificate upon successful completion of their senior year.

**Community Based Education (0.5 credit)**

**Course Number: H02225101**

**SCED: 22251**

This course applies and further develops transitional skills that can be applied to adult living. Community Based Education teaches the functional academic skills needed to participate successfully in Community Based Education, which provides authentic learning experiences that can not be replicated or simulated in the school environment. This course is the application of learned skills, including traveling in the community and completing work experiences. This course is based on the Life Centered Education (LCE) curriculum from the national Council for Exceptional Children as well as a student's individual education plan (IEP) goals. This course has no prerequisites and can be taken multiple times. **Placement by IEP Team only**

**Community Living (0.5 credit)**

**Course Number: H2225112**

**SCED:22251**

This course is to apply and further develop transitional and functional math skills that can be applied to adult living. Community Living teaches the functional academic skills needed to participate successfully in Community Based Education, which provides authentic learning experiences that can not be replicated or simulated in the school environment. This course is based on the Life Centered Education (LCE) curriculum from the national Council for Exceptional Children as well as a student's individual education plan (IEP) goals. This course has no prerequisites and can be taken multiple times. **Placement by IEP Team only**

**Employment Skills (0.5 Credit)**

**Course Number: 22152**

**SCED:22152**

This course is to apply and further develop transitional and functional reading skills that can be applied to adult living. Employment Skills teaches the functional academic skills needed to participate successfully in Community Based Education, which provides authentic learning experiences that can not be replicated or simulated in the school environment. This course is based on the Life Centered Education (LCE) curriculum from the National Council for Exceptional Children as well as a student's individual education plan (IEP) goals. This course has no prerequisites and can be taken multiple times. **Placement by IEP Team only**

**Work Habits (0.5 Credit)****Course Number: WRK01  
SCED: 22251**

This course teaches functional vocational skills and habits in a school setting. Students complete school-based internships and work tasks. These skills are then applied in the Community Based Education classroom. This course can be taken in conjunction with Community Based Education. This course is a hands-on application of vocational skills that aligns with the Life Centered Education (LCE) curriculum from the National Council for Exceptional Children as well as a student's individual education plan (IEP) goals. This course has no prerequisites and can be taken multiple times. Placement by IEP Team only

**Link Program (0.5 credit)****Course Number: H1999900  
SCED: 19999**

The Link Program is a course offered to students for elective credit. The course will facilitate collaborative interaction between general education and special education students. General education students interested in learning about diverse learning and communication styles will be introduced to students with a variety of disabilities. The students will work together in a variety of settings, and expand social networks for all students throughout the school. This section of the Link Program will focus on supporting students with special needs in the classroom setting.

**Link PE Mentor (0.5 credit)****Course Number: H00800101  
SCED: 08001**

The Link PE Mentors is a course offered to students for elective credit. The course will facilitate collaborative interaction between general education and special education students. General education students interested in learning about diverse learning and communication styles will be introduced to students with a variety of disabilities. The students will work together in a variety of settings, and expand social networks for all students throughout the school. This section of the Link PE Mentors will focus on supporting students with special needs in the gym setting.

**Link Health Mentor (0.5 credit)****Course Number: H00805101  
SCED: 08051**

The Link Health Mentors is a course offered to students for elective credit. The course will facilitate collaborative interaction between general education and special education students. General education students interested in learning about diverse learning and communication styles will be introduced to students with a variety of disabilities. The students will work together in a variety of settings, and expand social networks for all students throughout the school. This section of the Link Health Mentors will focus on supporting students with special needs in the health classroom setting.

**Applied Algebra I A & B (0.5 Credit)****Course Number: H02052011  
SCED: 02052****Applied Geometry A & B (0.5 Credit)****Course Number: H0207501  
SCED: 02075****Applied Algebra II A & B (0.5 Credit)****Course Number: H02056018  
SCED: 02056**

Based on student needs, sections of Resource Room Algebra 1, Geometry, or Algebra 2 are taught. These math classes provide access to the general education curriculum at a pace to meet the individual students' needs. Students will receive direct instruction, whole and small group learning, online assistance and individualized homework. The resource room class is taught to return a student to the general education classroom. **Placement by IEP Team only**

**Applied US History (1.0 Credit)****Course Number: H00410300****SCED: 04103**

Based on student needs, sections of Resource Room US History/Geography are taught. These social studies classes provide access to the general education curriculum at a pace to meet the individual students' needs. Students will receive direct instruction, whole and small group learning, online assistance and individualized homework. The resource room class is taught with the goal of returning a student to the general education classroom. **Placement by IEP Team only**

**Applied Biology (1.0 Credit)****Course Number: H00305100****SCED: 03051**

Based on student needs, sections of Resource Room Biology or a Science elective are taught. These Science classes provide access to the general education curriculum at a pace to meet the individual students' needs. Students will receive direct instruction, whole and small group learning, online assistance and individualized homework. The resource room class is taught with the goal of returning a student to the general education classroom. **Placement by IEP Team only**

**Academic Support 9 (0.5 credit)****Course Number: H22003019****SCED:22003**

Academic Support is a class that provides extra support in any subject to students. This class will review concepts that were taught in the student's core content courses. Students work on organizational skills, work completion, and transitional goals. Students will also utilize this time to include any testing accommodations based on their individual plans. **Placement by IEP Team only**

**Academic Support 10 (0.5 credit)****Course Number: H022003011****SCED: 22003**

Academic Support is a class that provides extra support in any subject to students. This class will review concepts that were taught in the student's core content courses. Students work on organizational skills, work completion, and transitional goals. Students will also utilize this time to include any testing accommodations based on their individual plans. **Placement by IEP Team only**

**Academic Support 11 (0.5 credit)****Course Number: H022003012****SCED: 22003**

Academic Support is a class that provides extra support in any subject to students. This class will review concepts that were taught in the student's core content courses. Students work on organizational skills, work completion, and transitional goals. Students will also utilize this time to include any testing accommodations based on their individual plans. **Placement by IEP Team only**

**Academic Support 12 (0.5 credit)****Course Number: H022003013****SCED:22003**

Academic Support is a class that provides extra support in any subject to students. This class will review concepts that were taught in the student's core content courses. Students work on organizational skills, work completion, and transitional goals. Students will also utilize this time to include any testing accommodations based on their individual plans. **Placement by IEP Team only**

**Life Survival Skills (0.5 credit)****Course Number: H122206011****SCED:22060**

Life Skills (LS) classes are designed to meet the needs of students whose intellectual, developmental, and academic levels are so delayed that participation in the general education program, even with modifications and accommodations, is unfeasible.

### Special Preparation

#### **University Preparation for Dual Enrollment Eligibility(0.5 Credit)**

**Course Number: H2200320**  
**SCED: 22003**

This class is designed to prepare students to meet the special rigor of a college class offered at the high school level. To dual enroll in a college class while still enrolled at ACTech, students must achieve final grades of "B" or better in the university prep class. The class will focus on specific skills development for university success. These include meeting faculty and peer expectations, research paper writing, paraphrasing and summarizing, critical analysis, discussion, and fluency; lecture and note-taking skills, academic reading and writing, public speaking, vocabulary and grammar, and etiquette.

### College and Career Readiness/Support

#### **Strategic Reading (0.5 credit)**

**Course Number: H0106600**  
**SCED: 01066**

The purpose of this course is to help students reach increased literacy skills through the use of whole group instruction, small group study, independent reading, interactive technology applications, and writing. The majority of work in this class is individualized for each student. Our goal is to increase strengths in reading and writing applications to promote advancement in students' post-secondary pathways.

#### **College Math Lab (0.5 Credit)**

**Course Number: H02999011**  
**SCED: 02999**

The main purpose of this class is to ensure our dual enrolled (DE) students are prepared and able to successfully take college-level math classes. This may include working on Aleks modules to improve math assessment levels or receiving assistance in high school or college math classes. Secondly, it will be a time for DE students to update their Educational Development Plan (EDP) and any documentation needed for graduation requirements.

#### **College Lab ELA (0.5 credit)**

**Course Number: H0120301**  
**SCED: 01203**

The main purpose of this class is to ensure our dual enrolled (DE) students are prepared and able to successfully take college-level math classes. This may include working on ELA modules to improve math assessment levels or receiving assistance in high school or college math classes. Secondly, it will be a time for DE students to update their Educational Development Plan (EDP) and any documentation needed for graduation requirements.

#### **College and Career Readiness (1.0 credit)**

**Course Number: H2215103**  
**SCED:22151**

**(Year Long Course - 1 Credit Required)** College and Career Readiness is designed for you, the student. It will help you begin to think about why you are here, where you are going, and how to make the best use of your time while transitioning to college, trade school, or your career. The



course will challenge you both personally and academically. You will be asked to think critically, reflect on your opinions and experiences, and to articulate those opinions verbally through in-class discussions and written work. You will also be asked to present some of what you have learned and experienced to the class. A portion of this class is dedicated to identifying and completing the documents required to complete Senior Project Portfolio and Senior Defense Presentation obligations as well as preparing each student for his or her education beyond high school.

## Technology, Engineering, & Manufacturing

### **Introduction to Engineering (0.5 credit)**

**Course Number: H2100100**  
**SCED: 21001**

This course introduces students to the engineering design process and its use to address societal needs by creating products, systems, and processes to solve problems or improve life. Students will practice applying the aspects of the design process in a series of pre-engineering activities and projects.

### **Engineering Applications (0.5 credit)**

**Course Number: H2100200**  
**SCED: 21002**

Engineering Applications will provide students with an overview of the practical uses of a variety of engineering applications. Topics covered include computer programming, robotics, Computer-Aided Design (CAD), and 3-D printing.

### **Advanced Engineering (0.5 credit)**

**Course Number: H2104901**  
**SCED: 21049**

This course expands on the engineering design process and integrates technology-oriented applications. Students will design and manage projects to obtain an original solution to a valid open-ended problem by applying the engineering design process. Course topics include working in teams to define real-world problems, document and apply research, develop solutions, build and test prototypes, and communicate solutions.

### **Creative Engineering (0.5 credit)**

**Course Number: H2100600**  
**SCED: 21006**

**Prerequisites: Must have completed Introduction to Manufacturing.** In this course, students will apply the design process from concept to creation through a variety of projects. Through this process students will also learn how to use many of the types of tools and equipment used in the industry today. Understanding by Design and Inquiry-based instruction will guide students in the design, construction, peer evaluation, re-design/testing, and presentations of several real-world projects.

### **Introduction to Manufacturing Botany (0.5 credit)**

**Course Number: H1300101**  
**SCED: 13001**

This course introduces students to the various methods used to process and transform materials. Engineering principles will be used to explore aspects of technology, networking, modeling, maker studios, Six Sigma control techniques, and packaging. Topics that will be explored include the

influence of the Industrial Revolution on manufacturing, prototyping, workshopping, and Green Design. The courses may also include an overview of management techniques in planning, organizing, and controlling various segments of the manufacturing process, including design, engineering, production, and marketing.

**Advanced Manufacturing A (0.5 credit)**  
**Advanced Manufacturing B(0.5 credit)**

**Course Number: H130030102**  
**Course Number: H130030103**  
**SCED: 13003**

**Prerequisites: Must have completed Introduction to Manufacturing.** This course introduces students to the various methods used to process and transform materials. Processing techniques covered usually include cutting, drilling, milling, assembling, and finishing. The courses may also include an overview of management techniques in planning, organizing, and controlling various segments of the manufacturing process, including design, engineering, production, and marketing.

**CAD and 3-D Printing (0.5 credits)**

**Course Number: H02110701**  
**SCED: 02110**

**Computer Aided Design (CAD) and 3-D Printing -** In this course, students will expand their knowledge of the design process from concept to creation by learning and applying aspects of CAD modeling. Using CAD software and reading technical drawings, they will design and assemble a wide range of parts that can be manufactured and 3D printed. Through explorative projects, students will imagine solutions to real-world problems and design products guided by their interests to create an interactive, collaborative, student-driven, learning environment.

**Robotics (0.5 credit)**

**Course Number: H2100901**  
**SCED: 2100**

Using FIRST Principles, engaging our students in engineering principles to design and compete in various competitions. A variety of robotics-based projects will be used to show our students that science, technology, and problem solving are not only fun and rewarding, but are proven paths to successful careers and a bright future for us all.

**Coding and Animation (0.5 credit)**

**Course Number: H12221001**  
**SCED: 12221**

Coding is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. The course takes a wide lens on computer science by covering topics such as programming, physical computing, HTML/CSS, and data. The course inspires students as they build their own websites, apps, games, and physical computing devices.

**Manufacturing I (0.5 credits per semester) CTE**  
**Manufacturing II (0.5 credits per semester) CTE**

**Course Number: H001309901**  
**Course Number: H001309901**  
**SCED: 01309**

**Graduation: 4th-year math, 3rd-year science, VPAA, Algebra II** This state-approved CTE course focuses on the aspects of manufacturing and machining with emphasis placed on the relationship between manufacturing processes and consumers. Engineering principles will be used to explore technology, networking, modeling, maker studios, Six Sigma control techniques, and packaging.

This course may also include an overview of management techniques in planning, organizing, and controlling various segments of the manufacturing process, including design, engineering, production, and marketing.

Students may participate in the industry certification process for many of the skills learned in class. Topics covered include: Topics that will be explored include the influence of the Industrial Revolution on manufacturing, prototyping, workshopping, CAD, Additive Manufacturing, OSHA 10, OSHA 30, Lathe, Mill, CNC, Laser Engraving, Six Sigma, Five S, Project Management, Kaizen, the Skilled Trades, and Green Design.

Outline:

- **Safety; Occupational Skills / Work Habits** - Describe and demonstrate general workplace, personal, and machine safety. (A1)
- **Inspection and Measurement; Occupational Skills / Work Habits** - Develop an inspection plan and inspect simple parts using precision tools and techniques. (A2)
- **Print Reading and GD&T** Demonstrate knowledge of understanding prints by measuring, layout, machining, and finishing parts to detailed drawings. (B1)
- **Benchwork; Saws, Drills, and Power Tools** Demonstrate using basic hand tools. (B2)
- **Saws, Drills, and Power Tools** Set up and perform cutting and sawing operations based on specifications. (B3)
- **Metal Working Theory / Materials; Maintenance and Set Up; Mill I / Lathe I; Manufacturing Processes; Advanced Milling / Turning / Grinding** Setup and perform machining operations to print specifications. (C1)
- **Benchwork; Manufacturing Processes; Advanced Milling / Turning / Grinding** Setup and perform machining operations to print specifications.
- **Manufacturing Processes: CNC / CAD / CAM** setup and performance of machining operations to print specifications.
- **Problem-solving:** Demonstrate problem-solving skills consistently and independently
- **Collaboration Skills:** Demonstrate collaboration skills consistently and independently.
- **Personal Management Skills:** Demonstrate personal management skills consistently and independently.
- **Communication Skills:** Demonstrate communication skills consistently and independently.
- **Employability and Career Development** (Including Portfolio Development, Safety, and Employability)

# RCTC

## Regional Career Technical Center

This table describes which Michigan Merit Curriculum requirements and industry Certifications can be met through Regional Career Tech Center.

Program Name	Cip Code	Algebra II	4th Year Math	Online Learning	Science	VPAA	World Language	Industry Certifications
Automotive Technology I	57.0604		X	X	X	X	X	MLR Certification
Automotive Technology II	57.0604	X	X	X	X	X	X	MLR Certification ASE Brakes
Collision Repair Technology I	47.0603		X	X	X	X	X	ASE Refinish Certification
Collision Repair Technology II	47.0603	X	X	X	X	X	X	ASE Refinish Certification
Cosmetology	12.0400		X	X	X	X	X	State of Michigan Licensed Cosmetologist
Culinary Arts I	12.0500	X	X	X	X	X	X	ProStart Year One Completion, ServSafe Food Handlers Certification, ServSafe Allergens Certification,
Culinary Art II	12.0500	X	X	X	X	X	X	ProStart National Certificate of Achievement, ProStart Year Two Completion, ServSafe Managers Certification, ServSafe Safe Alcohol Certification

# RCTC

## Regional Career Technical Center

This table describes which Michigan Merit Curriculum requirements and industry Certifications can be met through Regional Career Tech Center.

Program Name	Cip Code	Algebra II	4th Year Math	Online Learning	Science	VPAA	World Language	Industry Certifications
Manufacturing I	48.0501	X	X	X	X	X	X	OSHA 10, OSHA 30, Five S Project Management Kaizen / Continuous Improvement Additive manufacturing
Manufacturing II	48.0501	X	X	X	X	X	X	Six Sigma, Project Management
Radio and Television Podcast	10.0202		X	X	X	X	X	Adobe Certified Associate, Apple-Final Cut Pro: Logic Pro, Avid Media Composer Certified User, Microsoft Office Suite, PASSES EDGE Safety Training, Precision Exams Industry Certification
CNA								

***These substitutions only apply for students who are considered "completers" and complete the entirety of their designated program.\*\****

**Drone & Aviation Science and Technology A**  
**Drone & Aviation Science and Technology B**

**Course Number: H020530**  
**SCED: 20053**

The Drone & Aviation CTE Program is a state-approved career and technical education course designed to introduce students to the foundations of aviation and the aviation industry. This program covers both in-flight and ground support operations, providing instruction in air transportation systems' technical, business, and general aspects.

Students enrolled in this course will have the opportunity to earn the Federal Aviation Administration (FAA) Part 107 Drone Certification, a recognized industry credential approved by the MDE OCTE. The curriculum is designed to prepare students for careers in aircraft design, engineering, construction, piloting, and drone operations, as well as broader fields within aerospace technology.

Through interactive labs, flight simulations, field trips, and hands-on drone operation, students will explore cutting-edge advancements in aviation and unmanned aircraft systems. Additionally, students can earn high school credit while gaining real-world experience that supports future career pathways in aviation, aerospace, and drone technology.

**Business**

**YCS@Work (0.5 credit)**

**Course Number: H2299801**  
**SCED: 01309**

YCS @Work is the Ypsilanti Community High School internal and external Internship Program that allows all our students who meet the eligibility requirements of being enrolled in the YCS @Work Class to obtain a work-site placement in the community after career-scope, soft skills and business foundation skills are assessed.

**Business Entrepreneurs (0.5 credit)**

**Course Number: H1205101**  
**SCED: 12051**

Business Entrepreneurs is the Ypsilanti Community High School Program that provides our students with the opportunity to develop their business ideas that impact YCHS and the community through acquiring and enhancing employability skills along with foundational business/marketing/hospitality skills through participation in programs such as YCS @ Work, DECA, Grizzly Store Retail Management, Fundraising, and developing student led signature projects: Shark Tank, Blaze the Stage, Grizzly Gear Monthly Raffle, Snack Shop, and Popcorn Sales.

**Marketing A (0.5 credit)**

**Course Number:**

**Marketing B (0.5 credit)**

**Course Number:**  
**SCED: 12152**

Students that complete this one-year program will develop skillsets in applying social media marketing techniques. They will be tested on best practices of managing social media campaigns, implementing data analysis techniques, making data-driven decisions relative to revenues and profits, and making report-based strategy adjustments. Students who are interested in this pathway are students interested in how advertising works, how ads are placed on social media platforms, the best ways to use social media, or pursuing a career as an influencer. Students will take 2 primary courses for a 1-year program: Marketing Foundations and Social Media Marketing. Students that

complete this program will earn a Social Media Marketing Certification. This certification is accredited by Google and HubSpot and is valid for 2 years.

**Business Entrepreneurs A Year 1 (0.5 credit)**  
**Business Entrepreneurs B Year 1 (0.5 credit)**

**Course Number:**  
**Course Number:**  
**SCED: 12994**

This program provides students with the opportunity to develop their business ideas that impact YCHS and the community by acquiring and enhancing their leadership skills. Through their courses, they learn the basics of business before then building their personal business idea through an 8-step process. Their first year concludes with the opportunity to register their business as an LLC. Students earn several certificates: Everfi Financial Literacy, TOSA, Business Applications (Microsoft Office). This program is flexible, allowing students to complete a one or two-year program including the following: Business Foundations, Business Entrepreneurship, YCS 2 Work (2<sup>nd</sup> year), and YCS@ Work (2<sup>nd</sup> year). By allowing for a one-year program, students have the opportunity to complete their first year of business at YCHS, then (dependent on ACCUPLACER score) enrolling in business courses at WCC for transferable credit.

**Business Entrepreneurs 2A Year 1 (0.5 credit)**  
**Business Entrepreneurs 2B Year 1 (0.5 credit)**

**Course Number:**  
**Course Number**  
**SCED: 12994**

This program provides students with the opportunity to develop their business ideas that impact YCHS and the community by acquiring and enhancing their leadership skills. Through their courses, they learn the basics of business before then building their personal business idea through an 8-step process. Their first year concludes with the opportunity to register their business as an LLC. Students earn several certificates: Everfi Financial Literacy, TOSA, Business Applications (Microsoft Office). This program is flexible, allowing students to complete a one or two-year program including the following: Business Foundations, Business Entrepreneurship, YCS 2 Work (2<sup>nd</sup> year), and YCS@ Work (2<sup>nd</sup> year). By allowing for a one-year program, students have the opportunity to complete their first year of business at YCHS, then (dependent on ACCUPLACER score) enrolling in business courses at WCC for transferable credit.

### Career-Related Programme Core

**IBCP Reflective Project A**  
**IBCP Reflective Project B**

**Course Number: H02502050**  
**Course Number: H02500205**  
**SCED: 22113**

The IB Career-related Programme (CP) Reflective Project course guides students through the process of independently researching and analyzing an ethical dilemma related to their chosen career field. Students will engage in critical thinking, inquiry-based research, and structured reflection, developing a well-organized project that demonstrates their ability to evaluate real-world ethical issues. Throughout the course, students will refine their research, writing, and communication skills while making meaningful connections between their career-related studies and ethical decision-making in professional settings. This course fosters independent learning and self-reflection, preparing students for both further education and the workforce.

**IBCP Service Learning**

**Course Number:**  
**SCED: 22113**

The IB Career-related Programme (CP) Community Engagement course (formerly Service Learning) provides students with opportunities to apply their skills, knowledge, and career-related studies to

meaningful experiences within their communities. Through planning, action, and reflection, students develop a deeper understanding of social responsibility while enhancing their problem-solving, collaboration, and leadership skills. This course encourages students to engage with real-world challenges, fostering personal and professional growth as they make a positive impact in their communities.

### **IBCP Language Development**

**Course Number:**

**SCED: 22113**

The IB Career-related Programme (CP) Language Development course is designed to enhance students' communication skills in a second language, supporting their ability to engage in a globalized professional world. Through reading, writing, listening, and speaking activities, students develop practical language proficiency tailored to their career-related studies. This course fosters cultural awareness, professional communication, and lifelong language learning, preparing students for diverse work and study environments.

### **IBCP Personal and Professional Skills**

**Course Number:**

**SCED: 22113**

The IB Career-related Programme (CP) Personal and Professional Skills (PPS) course is designed to prepare students for college, career, and lifelong learning by fostering essential transferable skills, attitudes, and strategies for success in both academic and professional settings. This course emphasizes the development of critical thinking, leadership, teamwork, communication, and ethical decision-making, all of which are highly valued in business and industry.

Students will explore college and career readiness through engaging activities such as case studies, workplace simulations, and collaborative projects, helping them connect their career-related studies to real-world experiences. The IBCP Learner Profile traits will be integrated throughout the course to support students in becoming reflective, adaptable, and globally minded professionals.

As a key link to the IBCP core components, this course will guide students in developing the personal qualities and professional competencies required for success in the workforce. Five central themes—personal development, intercultural understanding, effective communication, thinking processes, and applied ethics—will be embedded throughout the curriculum to encourage students to become active, ethical, and lifelong learners.

This required course spans both the junior and senior years, ensuring students have the time and support needed to refine their skills and apply their learning to real-world contexts.

## **Career & Technical Education**

**Automotive Technology 2A (2.0 credit)**

**Course Number: H20104012**

**Automotive Technology 2B (2.0 credit)**

**Course Number: H20104013**

**SCED: 20104**

### **Automotive Technology Credit: 2 year program (11th & 12th Grade)**

The Automotive Technology program is a NATEF Certified program designed to educate students to perform maintenance and light vehicle repair. The skill sets provide a learning experience and skill sets for a variety of jobs within the automotive industry, which are in high demand. This is accomplished with classroom instruction coupled with hands-on experience in the shop. Students will have access to shop cars and tools. Students will be exposed to ASE sections including: engine repair, suspension & steering, brakes, electrical/electronic systems, heating & air conditioning.



Seniors that return for a second year will build upon the foundation by applying the logic to the systems and a deeper understanding of how the systems work together. Automotive Technology students can earn articulated credit with Washtenaw Community College or Baker College. The program provides an opportunity to participate in the Career Technical Student organizations such as Skills USA, where they may compete against other schools.

The Automotive Technology program is an Automotive Service Excellence (ASE) Accredited training program. This is an entry-level course for automotive technology students that utilizes the state-mandated ASE automotive maintenance and light repair curriculum. During the two-year course, students will study personal and shop safety, tool and equipment, shop operations, basic engine fundamentals, and basic technician skills. Students will also study electrical and engine performance (tune-up), steering, suspension, and alignment, as well as brakes. Upon completing the maintenance and light repair course and passing the ASE student certification tests, students may enter the automotive service industry as entry-level ASE Certified MLR technicians. The class is approximately 65% lab work and 35% classroom. Work-based learning opportunities are available to students in the program. Also, upon completion of this two-year program, students have the opportunity to take the ASE student certificate test; upon passing, they enter the automotive service industry as an entry-level ASE certified MLR (Maintenance and Light Repair) technician. Students also receive a certificate for each semester they successfully pass.

**Automotive Technology A (2.0 credit)**  
**Automotive Technology B (2.0 credit)**

**Course Number: H2010401**  
**Course Number: H2010412**  
**SCED: 20104**

### **Automotive Technology Credit: 2 year program (11th & 12th Grade)**

The Automotive Technology program is a NATEF Certified program designed to educate students to perform maintenance and light vehicle repair. The skill sets provide a learning experience and skill sets for a variety of jobs within the automotive industry, which are in high demand. This is accomplished with classroom instruction coupled with hands-on experience in the shop. Students will have access to shop cars and tools. Students will be exposed to ASE sections including: engine repair, suspension & steering, brakes, electrical/electronic systems, heating & air conditioning. Seniors that return for a second year will build upon the foundation by applying the logic to the systems and a deeper understanding of how the systems work together. Automotive Technology students can earn articulated credit with Washtenaw Community College or Baker College. The program provides an opportunity to participate in the Career Technical Student organizations such as Skills USA, where they may compete against other schools.

The Automotive Technology program is an Automotive Service Excellence (ASE) Accredited training program. This is an entry-level course for automotive technology students that utilizes the state-mandated ASE automotive maintenance and light repair curriculum. During the two-year course, students will study personal and shop safety, tool and equipment, shop operations, basic engine fundamentals, and basic technician skills. Students will also study electrical and engine performance (tune-up), steering, suspension, and alignment, as well as brakes. Upon completing the maintenance and light repair course and passing the ASE student certification tests, students may enter the automotive service industry as entry-level ASE Certified MLR technicians. The class is approximately 65% lab work and 35% classroom. Work-based learning opportunities are available to students in the program. Also, upon completion of this two-year program, students have the opportunity to take the ASE student certificate test; upon passing, they enter the automotive service industry as an entry-level ASE certified MLR (Maintenance and Light Repair) technician. Students also receive a certificate for each semester they successfully pass.

**Collision Repair Tech 2A (2.0 credit)**  
**Collision Repair Tech 2 B (2.0 credit)**

**Course Number: H02010601**  
**Course Number: H020106012**  
**SCED: 20106**

**Collision Repair Technology Credit: 2 year program (11th & 12th Grade)**

RCTC Collision Repair Technology Is A NATEF certified training program. Students have the opportunity to develop their knowledge and skills through applied theory and hands-on shop projects. The class is very hands-on with plenty of time spent in the lab repairing cars. Students will apply what they have learned in Auto Collision Repair daily. Students will have the ability to decide what area of auto collision repair they would like to pursue. Careers that students may enter include, but are not limited to: body repair technician, refinishing technician, automotive parts specialist, detail technician, damage estimator, collision repair mechanic, Structural Technician, and insurance adjuster. Careers in this field are in high demand. Students have the opportunity to participate in an internship and Work-Based Learning where they will work at a local shop, get paid, and receive credit for attending class. Students may earn a senior math credit as well as an applied arts credit. Students may also elect to go on to a post-secondary school or college to pursue further education. Students may earn articulated credit with Washtenaw Community College, or Baker College. Collision repair students will have the opportunity to participate in Career Technical Student organizations such as Skills USA, where they may compete against other Schools using their Technical training.

Upon completion of the two-year program, students are allowed to take the State of Michigan Collision Repair test. Students are also given a certificate of completion for each semester they pass. They can obtain the following certification: CTE Collision Certificate (upon completion of 2-year course), ASE Student Certification (contingent on passing ASE test); Eligible for 24 I-CAR certifications, Ford Pass Certification, and SP2 Certifications. This is an ASE-accredited training program, which is a two-year course of study in which students will be trained in seven areas of collision repair. Using the I-CAR LIVE curriculum, students will do structural and non-structural repairs on today's high-tech automobiles. Students will learn the basics of automotive MIG welding, plastic welding, and plastic repair. The painting course will cover single and two-stage refinishing, paint, and shop safety, and basic customer painting. Collision repair shop management and estimates are covered, as well as collision repair-related mechanics. Upon completion of the two-year course, students should be able to pass the State of Michigan Collision Repair certification tests. Employment opportunities are available through on-the-job training in partnership with local collision repair shops.

**Collision Repair Tech A (2.0 credit)**  
**Collision Repair Tech B (2.0 credit)**

**Course Number: H2011601**  
**Course Number: H2011612**  
**SCED: 20116**

**Collision Repair Technology Credit: 2 year program (11th & 12th Grade)**

RCTC Collision Repair Technology Is A NATEF certified training program. Students have the opportunity to develop their knowledge and skills through applied theory and hands-on shop projects. The class is very hands-on with plenty of time spent in the lab repairing cars. Students will apply what they have learned in Auto Collision Repair daily. Students will have the ability to decide what area of auto collision repair they would like to pursue. Careers that students may enter include, but are not limited to: body repair technician, refinishing technician, automotive parts specialist, detail technician, damage estimator, collision repair mechanic, Structural Technician, and

insurance adjuster. Careers in this field are in high demand. Students have the opportunity to participate in an internship and Work-Based Learning where they will work at a local shop, get paid, and receive credit for attending class. Students may earn a senior math credit as well as an applied arts credit. Students may also elect to go on to a post-secondary school or college to pursue further education. Students may earn articulated credit with Washtenaw Community College, or Baker College. Collision repair students will have the opportunity to participate in Career Technical Student organizations such as Skills USA, where they may compete against other Schools using their Technical training.

Upon completion of the two-year program, students are allowed to take the State of Michigan Collision Repair test. Students are also given a certificate of completion for each semester they pass. They can obtain the following certification: CTE Collision Certificate (upon completion of 2-year course), ASE Student Certification (contingent on passing ASE test); Eligible for 24 I-CAR certifications, Ford Pass Certification, and SP2 Certifications. This is an ASE-accredited training program, which is a two-year course of study in which students will be trained in seven areas of collision repair. Using the I-CAR LIVE curriculum, students will do structural and non-structural repairs on today's high-tech automobiles. Students will learn the basics of automotive MIG welding, plastic welding, and plastic repair. The painting course will cover single and two-stage refinishing, paint, and shop safety, and basic customer painting. Collision repair shop management and estimates are covered, as well as collision repair-related mechanics. Upon completion of the two-year course, students should be able to pass the State of Michigan Collision Repair certification tests. Employment opportunities are available through on-the-job training in partnership with local collision repair shops.

**Culinary Arts & Hosp Mgmt 2A(2.0 credit)**  
**Culinary Arts & Hosp Mgmt 2B(2.0 credit)**  
**Culinary Arts and Bakery Science**

**Course Number: H01605401**  
**Course Number: H016054012**  
**SCED: 16054**

**Credit: 2 year program (11th & 12th Grade) Course Number:**

Culinary Arts and Bakery Science is for the student who wants to study in the culinary arts, bakery science, or hospitality industries. In this class, students have the opportunity to explore the exciting and developing professions in the culinary industry and bakery science industries using the National Restaurant Association ProStart curriculum. Through the ProStart program, high school students can learn career-building skills and get a taste for success in an industry that is hungry for talent. The student will become acquainted with the best practices in all phases of the culinary and bakery industry. Upon completion of this course, students will have a working knowledge of:

- Preparing for a successful career in the hospitality industry
- Preparing and serving safe food
- Preventing accidents and injuries
- Kitchen basics
- Foodservice equipment
- Nutrition
- Culinary essential skills
- Bakery essential skills
- Pastry/dessert basics
- Cake decoration basic
- Menu planning
- World foods
- Salads and garnishes
- Culinary math and costing
- Fruits and vegetables
- Controlling foodservice cost
- Planning and producing events
- Knife skills

Students can earn up to 7 industry recognized certifications. Some of the certifications can be used to articulate college credit and can be helpful in getting a high-paying job or possible promotions in

the students' current job. The certificates that can be earned are ServSafe Food Handlers, ServSafe Allergens, ServSafe Safe Alcohol Service, ServSafe Managers, ProStart Year 1, ProStart Year 2, and ProStart National Certificate of Achievement. Washtenaw Community College is a partner of RCTC Culinary Arts and Bakery Science, and ProStart and therefore offers students up to 10 articulated college credits. Students must pass ProStart level 1 and 2 tests (years 1 and 2), then the ServSafe Managers test, and have a B or better in RCTC to get these classes articulated. Juniors will be on the right track for these credits, however, 1st-year seniors will be able to earn the benefits as well. These are the classes that will be articulated.

- Sanitation and Hygiene 2cr
- Culinary Principles 3cr
- Baking Science 2cr
- Fundamentals of Bakery 3cr
- All 10 credits will apply to a culinary OR bakery degree.

Along with WCC, many other colleges offer similar amounts of articulation. Just a few of the culinary schools and colleges are The Culinary Institute go Michigan, Lake Michigan College. Northern Michigan University, The Culinary Institute of America, Johnson and Wales University, Sullivan University and many more.

RCTC Culinary Arts and Bakery Science is a two-year program for the student who wants to explore or study in the culinary arts, bakery science, or hospitality industries. In this course, students have the opportunity to get hands-on experience in the exciting and developing professions in the culinary industry and bakery science industries using the National Restaurant Association ProStart Curriculum. Through the ProStart program, high school students can learn career-building skills and get a taste of success in an industry that is hungry for talent. Students will become acquainted with the best practices in all phases of the culinary and bakery industry. Students will also compile a college/professional-ready portfolio to showcase their mastery of the course competencies. In addition to many hours of in-class hands-on experiences, students can venture out into the industry for 15-30 hours of Work-Based Learning. After a co-op/internship, student graduates may be offered a full-time position with MSV. Upon completion of this program, students earn up to 7 industry-specific certifications through ServSafe and ProStart. Qualified students can earn articulated college credit at some of the most prestigious culinary schools in Michigan and across the country.

**Culinary Arts & Hosp Mgmt A (2.0 credit)**  
**Culinary Arts & Hosp Mgmt B (2.0 credit)**  
**Culinary Arts and Bakery Science**

**Course Number: H1609801**  
**Course Number: H1609812**  
**SCED: 16098**

**Credit: 2 year program (11th & 12th Grade) Course Number:**

Culinary Arts and Bakery Science is for the student who wants to study in the culinary arts, bakery science, or hospitality industries. In this class, students have the opportunity to explore the exciting and developing professions in the culinary industry and bakery science industries using the National Restaurant Association ProStart curriculum. Through the ProStart program, high school students can learn career-building skills and get a taste for success in an industry that is hungry for talent. The student will become acquainted with the best practices in all phases of the culinary and bakery industry. Upon completion of this course, students will have a working knowledge of:

- Preparing for a successful career in the hospitality industry
- Preparing and serving safe food
- Preventing accidents and injuries

- Kitchen basics
- Foodservice equipment
- Nutrition
- Culinary essential skills
- Bakery essential skills
- Pastry/dessert basics
- Cake decoration basic
- Menu planning
- World foods
- Salads and garnishes
- Culinary math and costing
- Fruits and vegetables
- Controlling foodservice cost
- Planning and producing events
- Knife Skills

Students can earn up to 7 industry recognized certifications. Some of the certifications can be used to articulate college credit and all can be helpful in getting a high-paying job or possible promotions in the students' current job. The certificates that can be earned are ServSafe Food Handlers, ServSafe Allergens, ServSafe Safe Alcohol Service, ServSafe Managers, ProStart Year 1, ProStart Year 2, and ProStart National Certificate of Achievement. Washtenaw Community College is a partner of RCTC Culinary Arts and Bakery Science and ProStart and therefore offers students up to 10 articulated college credits. Students must pass ProStart level 1 and 2 tests (years 1 and 2), then the ServSafe Manager's test, and have a B or better in RCTC to get these classes articulated. Juniors will be on the right track for these credits, however, 1st-year seniors will be able to earn the benefits as well. These are the classes that will be articulated.

- Sanitation and Hygiene 2cr
- Culinary Principles 3cr
- Baking Science 2cr
- Fundamentals of Bakery 3cr
- All 10 credits will apply to a culinary OR bakery degree.

Along with WCC, many other colleges offer similar amounts of articulation. Just a few of the culinary schools and colleges are The Culinary Institute go Michigan, Lake Michigan College. Northern Michigan University, The Culinary Institute of America, Johnson and Wales University, Sullivan University and many more.

RCTC Culinary Arts and Bakery Science is a two-year program for the student who wants to explore or study in the culinary arts, bakery science, or hospitality industries. In this course, students have the opportunity to get hands-on experience in the exciting and developing professions in the culinary industry and bakery science industries using the National Restaurant Association ProStart Curriculum. Through the ProStart program, high school students can learn career-building skills and get a taste of success in an industry that is hungry for talent. Students will become acquainted with the best practices in all phases of the culinary and bakery industry. Students will also compile a college/professional-ready portfolio to showcase their mastery of the course competencies. In addition to many hours of in-class hands-on experiences, students can venture out into the industry for 15-30 hours of Work-Based Learning. After a co-op/internship, student graduates may be offered a full-time position with MSV. Upon completion of this program, students earn up to 7 industry-specific certifications through ServSafe and ProStart. Qualified students can earn articulated college credit at some of the most prestigious culinary schools in Michigan and across the country.

**Cosmetology A Year 1 (0.5 credit) CTE**  
**Cosmetology B Year 1 (0.5 credit) CTE**

**Course Number:**  
**Course Number:**  
**SCED:19101**

CTE Cosmetology is a two-year program that instructs students in the theory and practical skills necessary to prepare them for a career in the cosmetology field. Students are provided with up-to-date, hands-on training geared toward preparing them to become highly employable through the incorporation of knowledge and experience. Students will have opportunities in such roles as cosmetologists, nail technicians, make-up artists, hair stylists, salon managers, and small business owners. This class is an introduction and participation class in basic services performed by cosmetologists. This lecture/lab class is closely supervised in the introduction and practice of shampooing, draping, hair analysis, hair treatment, nail care, haircutting, wet styling, thermal styling, permanent waving, chemical relaxing, hair coloring, skincare, and hair removal services. Basic anatomy and physiology, hair structure, skin structure, nail structure, and analysis will be included in the class. Emphasis will be placed on salon safety measures, sanitation, and infection control. Students will practice on mannequins, models, and each other. Upon completion of this program, students are eligible to sit for their Michigan Cosmetology PSI Examination and apply for Michigan State Cosmetology License.

**Cosmetology A Year 2 (0.5 credit) CTE**  
**Cosmetology B Year 2 (0.5 credit) CTE**

**Course Number:**  
**Course Number:**  
**SCED: 19101**

CTE Cosmetology is a two-year program that instructs students in the theory and practical skills necessary to prepare them for a career in the cosmetology field. Students are provided with up-to-date, hands-on training geared toward preparing students to become highly employable through their incorporation of knowledge and experience. Students will have opportunities in such roles as cosmetologists, nail technicians, make-up artists, hair stylists, salon managers, and small business owners. This class is an introduction and participation class in basic services performed by cosmetologists. This lecture/lab class is closely supervised in the introduction and practice of shampooing, draping, hair analysis, hair treatment, nail care, haircutting, wet styling, thermal styling, permanent waving, chemical relaxing, hair coloring, skincare, and hair removal services. Basic anatomy and physiology, hair structure, skin structure, nail structure, and analysis will be included in the class. Emphasis will be placed on salon safety measures, sanitation, and infection control. Students will practice on mannequins, models, and each other. Upon completion of this program, students are eligible to sit for their Michigan Cosmetology PSI Examination and apply for Michigan State Cosmetology License.

**Introduction to Skilled Trades (0.5 credit)**

**Course Number:**  
**SCED:**

Introduction to Skilled Trades is a class that prepares students for careers in technical jobs supporting the maintenance, upkeep, and light repair of residential, commercial, and multi-family properties. This is a 1-semester course that gives students the ability to explore the following areas: carpentry, electrical, plumbing, HVAC, and welding. This course will prepare interested students for WCC courses in HVAC or welding and potentially a CTE course in construction technology. The technical coursework in this program provides education and training in the five technical skills areas. In addition to the technical theoretical knowledge coursework, students will study nontechnical coursework needed to support further training and certification in those specific trades.

**Podcast A (0.5 credit)**  
**Podcast B (0.5 credit)**

**Course Number:**  
**Course Number:**  
**SCED: 05259**

Podcasting is a 1-year program comprising 2 courses(Podcasting I & II) for students who are interested in sound recording, hosting, public speaking, and debate, particularly for students interested in a career as an on-air host, podcast production, editing, and audio engineering. Students must complete 2 semesters and the following milestones of podcasting to receive certification: 6 published episodes, Digital Portfolio, a Show Website, Podcast Branding, and Final Reflection. Students will develop skills and certificates in the following areas: General Podcasting, On-Air Hosting, Producing, Audio Engineering, and Editing.

### Other Courses

**Exploratory Literature (0.5 credit)**

**Course Number: H010660201**  
**SCED:01066**

The purpose of the class is to expose students to different genres, to review the various literary elements and text structures used by authors, and to encourage a life-long enjoyment of reading. The class begins with an introductory unit and whole class reading of an anchor fiction and anchor nonfiction text, during which time we'll review literary elements and text structures and model effective reading strategies.

**Creative Writing (0.5 credit)**

**Course Number: H0110400**  
**SCED: 01104**

Creative Writing is designed for students to create original forms of descriptive writing, poetry, drama and fiction. Vocabulary development, creative writing techniques, and skills are explored. Students submit their work to local and national magazines.

**Read 180 A (0.5 credit)**  
**Read 180 B (0.5 credit)**

**Course Number: H0106701**  
**Course Number: H0106712**  
**SCED: 01067**

Read 180 is an intense, comprehensive reading intervention program used to increase students' reading levels. ... The program consists of whole and small group direct instruction, independent reading, writing practice, and computer-based individualized instruction.

**Employability Skills (0.5 credit)**

**Course Number 22152**  
**SCED: 22152**

This course is designed to teach students how they can make a difference in the workplace based on their behavior. In addition, students will learn how to effectively address problems that might arise in the workplace. Central to any employee's growth is the understanding that he or she is part of a working community that includes employers, employees, and customers or clients. Special responsibilities and commitments come with being employed. Each employee must learn to embrace these responsibilities if he or she is to succeed at work. On the practical level, employees need to know how to do well on the job and how to keep the job. Early training in building conscientious work habits will stand employees in good stead for the rest of their working lives. It also forges links between their willingness to accept responsibility for their actions and the rewards they get for developing a sense of responsibility.

**Social Justice (0.5 credit)****Course Number: H0410601****SCED: 04106**

Explores the concepts of justice, conflict and social change and examines how political, economic, media, education, and other institutions create challenges for justice. Also examines efforts to resist existing structural and institutional arrangements and encourage social change to better meet human needs.

**Advisory (0.5 credit)****Course Number: H2210601****SCED: 22106**

Student Advisory provides the opportunity and time for students to complete classroom assignments or school projects. Students typically work on their own, without the help of a tutor; however, they are supervised and usually remain in the classroom. In Student Advisory, each student in the school is assigned a teacher or staff member who assists the student in achieving his or her academic and personal goals. Advisory usually has two distinct parts: an advisory class, similar to a homeroom, and one-to-one advisement to address personal issues. While their goals are similar, schools organize and implement their advisory programs in a variety of ways depending on the needs of the school community and our focus on the use of priority standards.

**Credit Recovery (0.5 credit)****Course Number: H2200305****SCED: 22003**

Credit recovery is a term used to describe a wide variety of educational strategies and programs that give high school students who have failed a class the opportunity to redo coursework or retake a course through alternate means—and thereby avoid failure and earn academic credit.

**Certified Nursing Assistant (CNA) 9 College Credits****Course Number:****SCED: 14051**

Certified Nursing Assistants (CNAs) are responsible for helping patients with daily living activities, assisting with personal hygiene, and maintaining a safe, clean environment. In this program, students also receive hands-on training in performing basic nursing tasks such as taking vital signs, moving patients, and providing personal care. We spend the last portion of the course in a Long-Term Care Facility with the students caring for their own residents. The program is comprised of 5 WCC courses that are taken simultaneously: Basic Nursing Assistant Skills, Healthcare Terminology, Healthcare Exploration, CPR/AED & First Aid, and Yoga I. Students have the opportunity to earn 9 college credits during this program, can take the state CAN exam (upon turning 18), and CPR certification.

**Dual Enrollment****Dual Enrollment through WCC – (Can earn as many as 60 credit hours/ An Associate Degree)**

Students have the opportunity to enroll in WCC classes for college credit beginning their 11th-grade year. They can earn an approved WCC Associates Degree or as many as 60 transferable college credits. Students can earn a MEMCA Certificate. This certificate is awarded to hard-working students who are enrolled in the middle college program who earn the following: State of Michigan MMC requirements; 15 transferable college credit hours (non-remedial courses, earning a C or higher); 100 hours of verified community service; 40 hours of verified career exploration/internship hours, or 70+ hours combined. Students must earn 6's in both reading and writing components of the ACCUPLACER test. Students typically begin their college courses by taking a first-year English and/or Communication course. Then leading into higher-level English, electives,



and potentially mathematics courses (dependent on ALEKS scores). The Summer Bridge Program is available for interested students over the summer to improve math, English, and writing skills to prepare students for dual enrollment.

### Washtenaw Community College Dual Enrollment Courses

• <a href="#"><u>DE WCC ACS 107 College Rdg. &amp; Study(1.0 credit)</u></a>	Course Number: H2200307
• <a href="#"><u>DE WCC ACS 108 Crit. Rdg. &amp; Think (1.0 credit)</u></a>	Course Number: H22003107
• <a href="#"><u>DE WCC ANI 145 Concept Dev. Anima (0.5 credit)</u></a>	Course Number: H011051071
• <a href="#"><u>DE WCC ANI 155 Textures &amp; Studio Light (1.0 credit)</u></a>	Course Number: H01105607
• <a href="#"><u>DE WCC ANT 201 Intro to Cult. Anthro. (1.0 credit)</u></a>	Course Number: H0425207
• <a href="#"><u>DE WCC ART 101 Intro to Studio Art (1.0 credit)</u></a>	Course Number: H0519907
• <a href="#"><u>DE WCC ART 108 Three D-Design (1.0 credit)</u></a>	Course Number: H1115407
• <a href="#"><u>DE WCC ART 111 Basic Drawing I (1.0 credit)</u></a>	Course Number: H0515607
• <a href="#"><u>DE WCC AST 111 General Astronomy (1.0 credit)</u></a>	Course Number: H0300407
• <a href="#"><u>DE WCC BIO 101 Concepts of Bio &amp; Lab (1.0 credit)</u></a>	Course Number: H035107
• <a href="#"><u>DE WCC BIO 107 Intro to Field Bio (1.0 credit)</u></a>	Course Number: H0306307
• <a href="#"><u>DE WCC BIO 111 Anat/Phys-Norm (2.0 credits)</u></a>	Course Number: H0305307
• <a href="#"><u>DE WCC BIO 162 Gen Bio II Cells/ Molecule(0.5 credit)</u></a>	Course Number: H00306307
• <a href="#"><u>DE WCC BOS 101A Beg. Keyboarding (0.5 credit)</u></a>	Course Number: H1000807
• <a href="#"><u>DE WCC BOS 101 B Beg. Keyboarding (0.5 credit)</u></a>	Course Number: H01000507
• <a href="#"><u>DE WCC BOS 101 C Advan. Keyboarding (0.5 credit)</u></a>	Course Number: W1000507
• <a href="#"><u>DE WCC CCP 122 Ess. Of Childcare I (1.5 credit)</u></a>	Course Number: H1905107
• <a href="#"><u>DE WCC CCP 123 Ess. Early Cre + Edu 2 (1.0 credit)</u></a>	Course Number: H019052072
• <a href="#"><u>DE WCC CCP 124 CDA Asses. Prep (0.5 credit)</u></a>	Course Number: H019052073
• <a href="#"><u>DE WCC CCP 132 Child Dev. Practicum I (0.5 credit)</u></a>	Course Number: H11905207
• <a href="#"><u>DE WCC CCP 133 Child Dev. Practicum II (0.5 credit)</u></a>	Course Number: H119052070
• <a href="#"><u>DE WCC CEM 101 Intro. Chem &amp; Lab (1.0 credit)</u></a>	Course Number: H00310107
• <a href="#"><u>DE WCC CEM 111 Gen Chem 1 w/Lab (1.0credit)</u></a>	Course Number: H0310107
• <a href="#"><u>DE WCC CHN 111 First Yr Chinese I (1.5. credit)</u></a>	Course Number: H00640107
• <a href="#"><u>DE WCC CIS 100 Intro Comp Prod Apps (1.0 credit)</u></a>	Course Number: H1000407
• <a href="#"><u>DE WCC CJT 100 Intro to Crim Justice (1.0 credit)</u></a>	Course Number: H0416607
• <a href="#"><u>DE WCC CJT 209 Criminal Law (1.0 credit)</u></a>	Course Number: H00416507
• <a href="#"><u>DE WCC COM 101 Fund of Speaking (1.0 credit)</u></a>	Course Number: H0115107
• <a href="#"><u>DE WCC COM 102 Interpers Comm (1.0 credit)</u></a>	Course Number: H01155076
• <a href="#"><u>DE WCC COM 130 Intro to Mass Comm (1.0 credit)</u></a>	Course Number: H1100307
• <a href="#"><u>DE WCC.COM 150 Intro to Radio Product. (1.0 credit)</u></a>	Course Number: H1110307
• <a href="#"><u>DE WCC.COM 200 Family Comm(1.0 credit)</u></a>	Course Number: H01155072
• <a href="#"><u>DE WCC CPS 120 Intro to Comp Sci (1.0 credit)</u></a>	Course Number: H1000207
• <a href="#"><u>DE WCC CPS 161 Intro Prog / Java (0.5 credit)</u></a>	Course Number: H10015507
• <a href="#"><u>DE WCC CPS 261 Adv. Java Concepts (1.0 credit)</u></a>	Course Number: H01015507
• <a href="#"><u>DE WCC CPS 271 Object Features of C+ (1.0 credit)</u></a>	Course Number: H01015407
• <a href="#"><u>DE WCC CPS 276 Web Prog/Apache (1.0 credit)</u></a>	Course Number: H01015607
• <a href="#"><u>DE WCC CSS 200 Intro to Network Secur. (1.0 credit)</u></a>	Course Number: H01010807
• <a href="#"><u>DE WCC DAN 111 Hip Hop Dance (1.0 credit)</u></a>	Course Number: H00504907
• <a href="#"><u>DE WCC ECO Intro to Econ (1.0 credit)</u></a>	Course Number: H0420107
• <a href="#"><u>DE WCC ECO 222 Princ of Econ II (1.0 credit)</u></a>	Course Number: H00420107
• <a href="#"><u>DE WCC ENG 111 Comp I (1.0 credit)</u></a>	Course Number: H0110307
• <a href="#"><u>DE WCC ENG 140 Horror and Sci Fict (1.0 credit)</u></a>	Course Number: H01066107
• <a href="#"><u>DE WCC ENG 226 Comp II (1.0 credit)</u></a>	Course Number: H0114907
• <a href="#"><u>DE WCC ENV 105 Intro to Env &amp; Soc (1.0 credit)</u></a>	Course Number: H0300307
• <a href="#"><u>DE WCC FRN 111 First Yr French (2.0 credit)</u></a>	Course Number: H0612107
• <a href="#"><u>DE WCC GDT 108 Photoshop Graphics (1.0 credit)</u></a>	Course Number: H01020207
• <a href="#"><u>DE WCC GEO 101 World Region Geogra(1.0 credit)</u></a>	Course Number: H0405207
• <a href="#"><u>DE WCC.GLG 276 Principles of GIS (1.0 credit)</u></a>	Course Number: H00400207

- [DE WCC GRM 111 First Yr. German I \(1.0 credit\)](#) Course Number: H00620107
- [DE WCC HSC 100 Basic Nursing Asst Skill \(1.0 credit\)](#) Course Number: H14405107
- [DE WCC HSC 101 Healthcare Term \(0.5 credit\)](#) Course Number: H1415407
- [DE WCC CPR/AED \(0.5 credit\)](#) Course Number: H1429907
- [DE WCC HST 108 Ancient & Medieval World \(1.0 credit\)](#) Course Number: H04060071
- [DE WCC HST 150 Afric. Americ. Hist. \(1.0 credit\)](#) Course Number: H0410907
- [DE WCC HST 200 Michigan History \(1.0 credit\)](#) Course Number: H0105507
- [DE WCC HST 201 US to 1877 \(1.0 credit\)](#) Course Number: H0410207
- [DE WCC HST 230 Hist of the Holocaust \(1.0 credit\)](#) Course Number: H00406507
- [DE WCC HUM 101 Int Hum Ancient 1250 \(1.0 credit\)](#) Course Number: H004060072
- [DE WCC HUM 145 Compar Religions \(1.0 credit\)](#) Course Number: H0700207
- [DE WCC HUM 146 Mythology \(1.0 credit\)](#) Course Number: H0799907
- [DE WCC JRN 111 Intro to Journalism \(1.0 credit\)](#) Course Number: H0115607
- [DE WCC MEC 101 3D Model & Blue Read \(1.0 credit\)](#) Course Number: H12110807
- [DE WCC MTH 125 Everyday College Math \(1.0 credit\)](#) Course Number: H00215407
- [DE WCC MTH 160 Basic Statistics \(1.0 credit\)](#) Course Number: H0220107
- [DE WCC MTH 169 Interm. Alg. \(1.0 credit\)](#) Course Number: H0205707
- [DE WCC MTH 180 Precalculus \(1.0 credit\)](#) Course Number: H0211007
- [DE WCC MTH 191 Calculus I \(1.0 credit\)](#) Course Number: H0212107
- [DE WCC MTH 192 Calculus II \(1.0 credit\)](#) Course Number: H002121070
- [DE WCC MUS 140 Music Theory I \(1.0 credit\)](#) Course Number: H0511307
- [DE WCC MUS 154 Functional Piano I \(1.0 credit\)](#) Course Number: H00510707
- [DE WCC NCT 101 Intro Comp Machine CNC I \(1.0 credit\)](#) Course Number: H01320307
- [DE WCC PEA 115 Health & Fitness Exper \(0.25 credit\)](#) Course Number: H0800507
- [DE WCC PHL 101 Intro to Philosophy \(1.0 credit\)](#) Course Number: H004306070
- [DE WCC PHL 244 Ethic & Legal/ Healthcare \(1.0 credit\)](#) Course Number: H0430607
- [DE WCC PHO 111 Photo I \(1.0 credit\)](#) Course Number: H00516707
- [DE WCC PLS 112 Intro to Amer Govn. \(1.0 credit\)](#) Course Number: H0415107
- [DE WCC PSY 100 Intro to Psych \(1.0 credit\)](#) Course Number: H0425407
- [DE WCC PSY 200 Child Psych \(1.0 credit\)](#) Course Number: H042540702
- [DE WCC SOC 100 Prin of Sociology \(1.0 credit\)](#) Course Number: H0425807
- [DE WCC SOC 202 Criminology \(1.0 credit\)](#) Course Number: H01505107
- [DE WCC SOC 205 Race & Ethic Relat \(1.0 credit\)](#) Course Number: H0410607
- [DE WCC SPN 101 Beg Conversat. Spanish I \(1.0 credit\)](#) Course Number: H00610107
- [DE WCC SPN 111 First Yr. Span \(1.5 credit\)](#) Course Number: H0610107
- [DE WCC VID 203 Commercl Video Product \(1.0 credit\)](#) Course Number: H01115307
- [DE WCC VID 276 Video Graphics I \(1.0 credit\)](#) Course Number: H01115507
- [DE WCC YOG 101 Yoga I \(1.0 credit\)](#) Course Number: H00801307
- [WCC ABR 113 Estm. & Shop Operations \(1.0 credit\)](#) Course Number: H120117072
- [WCC ABR 114 Applied Auto Body Welding \(1.0 credit\)](#) Course Number: H120117073
- [WCC ABR 123 Techn Auto Body Repair \(1.0 credit\)](#) Course Number: H12011607
- [WCC ABR 124 Techn Auto Refinish\(1.0 credit\)](#) Course Number: H12011707
- [WCC ACC 111 Principles of Account I \(1.0 credit\)](#) Course Number: H11210407
- [WCC ACS 151 Student Success in & beyond \(1.0 credit\)](#) Course Number: H0199207
- [WCC ANI 150 3D Animation I: Modeling \(1.0 credit\)](#) Course Number: H12110707
- [WCC ANI 160 Fund of Movement & Anim \(1.0 credit\)](#) Course Number: H110202072
- [WCC ANI 180 Intro to Game Level Design \(1.0 credit\)](#) Course Number: H11020307
- [WCC ANI 190 Hist of Game Design \(1.0 credit\)](#) Course Number: H110204070
- [WCC ART 114 Painting 1 \(1.0 credit\)](#) Course Number: H10505707
- [WCC ART 121 Ceramics 1 \(1.0 credit\)](#) Course Number: H10505707
- [WCC ART 121 Ceramics I \(1.0 credit\)](#) Course Number: W10515907
- [WCC ART 127 Life Drawing 1 \(1.0 credit\)](#) Course Number: H05156071
- [WCC ASV 130 Automotive Maintenance \(1.0 credit\)](#) Course Number: H12010607
- [WCC ASV 131 Automotive Electrical \(1.0 credit\)](#) Course Number: H12010507
- [WCC ASV 132 Automotive Engines \(1.0 credit\)](#) Course Number: H120106072

- [WCC ASV 133 Automotive Fuel Systems \(1.0 credit\)](#) Course Number: H120105072
- [WCC ASV 134 \(1.0 credit\) Automotive Transmissions](#) Course Number: H120105072
- [WCC ASV 134 Automotive Transmission \(1.0 credit\)](#) Course Number: H120105073
- [WCC BIO 102 Human Bio & Lab \(1.0 credit\)](#) Course Number: H10305207
- [WCC BIO 110 Intro to Exercise Science \(1.0 credit\)](#) Course Number: H10801707
- [WCC BIO 161 Gen Bio I Eco Evo & Lab \(1.0 credit\)](#) Course Number: H10306307
- [WCC BIO 227 Bio of Animals & Lab \(1.0 credit\)](#) Course Number: H10306107
- [WCC BMG 111 Business Law I \(1.0 credit\)](#) Course Number: H11205407
- [WCC BMG 140 Intro to Business \(1.0 credit\)](#) Course Number: H11205107
- [WCC BOS 106 Elect Planning, Sharing & Or \(1.0 credit\)](#) Course Number: H11209907
- [WCC CHN 122 First Year Chinese II \(1.5 credit\)](#) Course Number: H10640207
- [WCC CIS 110 Intro Computer Info Systems \(1.0 credit\)](#) Course Number: H11005507
- [WCC CIS 121 Linux/UNIX I: Fundamentals \(1.0 credit\)](#) Course Number: H110156070
- [WCC CIS 221 Linux/UNIX Prog Scripts I \(1.0 credit\)](#) Course Number: H11015607
- [WCC CIS 282 Database Principles & Applic \(1.0 credit\)](#) Course Number: H1005307
- [WCC CJT 111 Police/Comm Relations \(1.0 credit\)](#) Course Number: H11505307
- [WCC COM 142 Oral Interp of Lit \(1.0 credit\)](#) Course Number: H10115507
- [WCC COM 155 Scriptwriting/Broadcast Art \(1.0 credit\)](#) Course Number: H1110371
- [WCC COM 160 Voices & Articulation \(1.0 credit\)](#) Course Number: H11110507
- [WCC COM 170 Advanced Radio Production \(1.0 credit\)](#) Course Number: H111149071
- [WCC COM 183 Persuasion \(1.0 credit\)](#) Course Number: H10115307
- [WCC COM 210 Nonverbal Communication \(1.0 credit\)](#) Course Number: H0115507
- [WCC 141 Intro Programming w/ Python \(1.0 credit\)](#) Course Number: H11019907
- [WCC CPS 171 Intr Prog with C++\(1.0 credit\)](#) Course Number: H11015407
- [WCC CPS 251 Android Program us. Java \(1.0 credit\)](#) Course Number: H1015507
- [WCC CPS 272 Data Structure C++ \(1.0 credit\)](#) Course Number: H110154070
- [WCC CPS 278 Java Server Programming \(1.0 credit\)](#) Course Number: H110155071
- [WCC CST 160 Computer Tech I \(1.0 credit\)](#) Course Number: H11025107
- [WCC CUL 104 Baking Science \(0.5 credit\)](#) Course Number: H11605707
- [WCC CUL 118 Culinary Nutrition \(1.0 credit\)](#) Course Number: H116057072
- [WCC CUL 141 Principles of Cost Control \(1.0 credit\)](#) Course Number: H11605307
- [WCC DRA 152 Acting I \(1.0 credit\)](#) Course Number: H10505507
- [WCC Dual Enrollment \(0 credit\)](#) Course Number: HST900
- [WCC ECO 211 Principles of Economics I \(1.0 credit\)](#) Course Number: H10420107
- [WCC ENG 170 Intro Lit: Short Story&Novel \(1.0 credit\)](#) Course Number: H10106507
- [WCC ENG 270 Creative Writing I \(1.0 credit\)](#) Course Number: H10110507
- [WCC ENG 271 Creative Writing II \(1.0 credit\)](#) Course Number: H101104072
- [WCC ENV 101 Envir Sci 1 & Lab \(1.0 credit\)](#) Course Number: H10300307
- [WCC ENV 199 Internship Educ. \(1.0 credit\)](#) Course Number:
- [H10399907](#)
- [WCC FLM 160 American Film \(1.0 credit\)](#) Course Number: H10516807
- [WCC FLP 101 Fluid Power Fundamentals 1 \(1.0 credit\)](#) Course Number: H2100307
- [WCC FLP 110 Fluid Power Fundamentals 2 \(1.0 credit\)](#) Course Number: H2100407
- [WCC FRN 122 First Yr. French II \(1.0 credit\)](#) Course Number: H106121072
- [WCC GDT 101 Hist of Graphic Design \(1.0 credit\)](#) Course Number: H11020207
- [WCC GDT 104 Intro to Graphic Design \(1.0 credit\)](#) Course Number: H11115407
- [WCC GLG 100 Intro to Earth Sci & Lab \(1.0 credit\)](#) Course Number: H10300207
- [WCC GLG 114 \(1.0 credit\) Physical Geology & Lab](#) Course Number: H103002071
- [WCC HSC 103 Healthcare Explorations \(1.0 credit\)](#) Course Number: H11400107
- [WCC HSC 138 Gen & Therapeu Nutrition \(1.0 credit\)](#) Course Number: H10805307
- [WCC HSC 164 Foundations of Caregiving\(1.0 credit\)](#) Course Number: H11415507
- [WCC HST 123 The Twentieth Century \(1.0 credit\)](#) Course Number: H10406307
- [WCC HST 202 US Hist Since 1877 \(1.0 credit\)](#) Course Number: H10414907
- [WCC HST 220.Civil War Era, 1845-1877\(1.0 credit\)](#) Course Number: H10409073
- [WCC HST 225 WWII \(1.0 credit\)](#) Course Number: H10406507

- [WCC HSW 100 Intro Human Services \(1.0 credit\)](#)
- [WCC HSW 100 Intro Human Services \(1.0 credit\)](#)
- [WCC HUM 102 Intro Hum-Renais-19<sup>th</sup> \(1.0 credit\)](#)
- [WCC MTH 094 Pathways to Math Lit \(1.0 credit\)](#)
- [WCC MTH 097 Foundations of Alg.\(1.0 credit\)](#)
- [WCC MTH 176 College Alg \(1.0 credit\)](#)
- [WCC MTH 178 Gen Trigonometry \(1.0 credit\)](#)
- [WCC MTH 197 Linear Alg \(1.0 credit\)](#)
- [WCC MTT 102 Machining for Tech \(0.5 credit\)](#)
- [WCC NCT 110 Intro Comp Machining –CNC II \(0.5 credit\)](#)
- [WCC PHL 205 Ethics \(1.0 credit\)](#)
- [WCC PHL 250 Logic \(1.0 credit\)](#)
- [WCC PHY 105 Conceptual Physics & Lab\(1.0 credit\)](#)
- [WCC PHY 111 Gen Physics I & Lab \(1.0 credit\)](#)  
H103151072
- [WCC PLS 241 Guns, God & Ganja: US Fed \(1.0 credit\)](#)
- [WCC PSY 206 Lifespan Dev Psych \(1.0 credit\)](#)  
H10425507
- [WCC PSY 210 Beh Modification \(1.0 credit\)](#)  
H104255070
- [WCC PSY 220 Human Dev \\*& Learning \(1.0 credit\)](#)
- [WCC PSY 240 Drugs, Society & Human Beh \(1.0 credit\)](#)
- [WCC PSY 257 Abnormal Psych \(1.0 credit\)](#)
- [WCC ROB 101 Robotics 1-1 \(0.5 credit\)](#)
- [WCC ROB 101 Robotics 1-2 \(0.5 credit\)](#)
- [WCC ROB 212 Robotics II \(1.0 credit\)](#)
- [WCC SPN 201 Second Yr. Spanish I \(1.0 credit\)](#)
- [WCC VID 255 Green Screen I \(1.0 credit\)](#)
- [WCC VID 295 Portfolio & Project Seminar \(1.0 credit\)](#)
- [Certified Nursing Assist at WCC A \(1.5 credit\)](#)
- [College Lab Math \(0.25 credit\)](#)

Course Number: H11900107  
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 Course Number: H0020207  
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 Course Number: H00205607  
 Course Number: H10210307  
 Course Number: H10211107  
 Course Number: H11320407  
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 Course Number: H11105607  
 Course Number: H11109907  
 Course Number: H1405101  
 Course Number: H0299301

## 9-12 ACCE Course Catalog

### English Language Arts

**English 9 A (0.5 Credits)**

**Course: H0100101**

**English 9 B (0.5 Credits)**

**Course: H010011**

**SCED: 01001**

YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. Through Into Literature, English 9 prepares students with a foundation in listening, speaking, reading, and writing through studies of literature and composition. Types of literature may include biographies, autobiographies, essays, short stories, dramas, speeches, and novels. Students explore literature, employing critical and analytical evaluation of literary works. Written expression lessons allow students to develop and demonstrate skills in composition, grammar usage, and the writing process. Students also make text to world connections through the selections and apply their ideas to their own life. Additionally, coursework prepares students for success on college entrance assessments such as the SAT and ACT. This course fulfills the requirements for one credit of ninth grade English for graduation.



**English 9 A OL (0.5 Credits)**  
**English 9 B OL (0.5 Credits)**

**Course: H0100101OL**  
**Course: H0100112OL**  
**SCED: 01001**

YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. Through Into Literature, English 9 prepares students with a foundation in listening, speaking, reading, and writing through studies of literature and composition. Types of literature may include biographies, autobiographies, essays, short stories, dramas, speeches, and novels. Students explore literature, employing critical and analytical evaluation of literary works. Written expression lessons allow students to develop and demonstrate skills in composition, grammar usage, and the writing process. Students also make text to world connections through the selections and apply their ideas to their own life. Additionally, coursework prepares students for success on college entrance assessments such as the SAT and ACT. This course fulfills the requirements for one credit of ninth grade English for graduation.

**English 10 A (0.5 Credits)**  
**English 10 B (0.5 Credits)**

**Course: H0100201**  
**Course: H0100212**  
**SCED: 01002**

YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. Building on the 9th grade curriculum, English 10 integrates listening, speaking, reading, and writing through studies of literature and composition. Types of literature may include biographies, autobiographies, essays, short stories, dramas, speeches, and novels. Students explore literature, employing critical and analytical evaluation of literary works. Written expression lessons allow students to develop and demonstrate skills in composition, grammar usage, and the writing process. Additionally, coursework prepares students for success on college entrance assessments. This course fulfills the requirements for one credit of tenth grade English for graduation.

**English 10 A OL (0.5 Credits)**  
**English 10 B OL (0.5 Credits)**

**Course: H0100201OL**  
**Course: H0100212OL**  
**SCED: 01002**

YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. Building on the 9th grade curriculum, English 10 integrates listening, speaking, reading, and writing through studies of literature and composition. Types of literature may include biographies, autobiographies, essays, short stories, dramas, speeches, and novels. Students explore literature, employing critical and analytical evaluation of literary works. Written expression lessons allow students to develop and demonstrate skills in composition, grammar usage, and the writing process. Additionally, coursework prepares students for success on college entrance assessments. This course fulfills the requirements for one credit of tenth grade English for graduation.

**English 11 A (0.5 Credits)**  
**English 11 B (0.5 Credits)**

**Course: H0100301**  
**Course: H0100312**  
**SCED: 01003**

YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. Throughout English 11, students will build upon the

language arts skills gained in 9<sup>th</sup> and 10<sup>th</sup> grades to read and analyze both literary fiction and nonfiction and to write college-ready literary analysis and argument papers. Students will review and practice college- and career-ready speaking and listening skills. Both literary fiction and nonfiction will be introduced as vehicles for self-exploration and self-improvement, in conjunction with discussion and writing, as we read with a focus on social justice, stewardship, and sustainability. Additionally, a portion of this class will be focused on preparing students for college entrance assessments. This course fulfills the requirements for one credit of eleventh grade English for graduation.

**English 11 A OL (0.5 Credits)**

**Course: H0100301OL**

**English 11 B OL (0.5 Credits)**

**Course: H0100312OL**

**SCED: 01003**

YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. Throughout English 11, students will build upon the language arts skills gained in 9<sup>th</sup> and 10<sup>th</sup> grades to read and analyze both literary fiction and nonfiction and to write college-ready literary analysis and argument papers. Students will review and practice college- and career-ready speaking and listening skills. Both literary fiction and nonfiction will be introduced as vehicles for self-exploration and self-improvement, in conjunction with discussion and writing, as we read with a focus on social justice, stewardship, and sustainability. Additionally, a portion of this class will be focused on preparing students for college entrance assessments. This course fulfills the requirements for one credit of eleventh grade English for graduation.

**English 12 A (0.5 Credits)**

**Course: H0100401**

**English 12 B (0.5 Credits)**

**Course: H0100412**

**SCED: 01004**

YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. Throughout English 12, students will build upon the language arts skills gained in 9<sup>th</sup> through 11<sup>th</sup> grades to read and analyze both literary fiction and nonfiction and to write college-ready literary analysis and argument papers. Students will review and practice college and career ready speaking and listening skills. Under the theme of British Literature, both literary fiction and nonfiction will be introduced as vehicles for self-exploration and self-improvement, in conjunction with discussion and writing. The course's units include, but are not limited to, *Beowulf*, Shakespeare's *The Tragedy of Hamlet*, and an individualized Black History Month project. This course fulfills the requirements for one credit of twelfth grade English for graduation.

**English 12 A OL (0.5 Credits)**

**Course: H0100401OL**

**English 12 B OL (0.5 Credits)**

**Course: H0100412OL**

**SCED: 01004**

YCS partners with HMH (Houghton Mifflin Harcourt) to provide a rigorous and in-depth program of study designed to blend online and classroom learning for all K-12 students throughout our district using the Into Literature program. Throughout English 12, students will build upon the language arts skills gained in 9<sup>th</sup> through 11<sup>th</sup> grades to read and analyze both literary fiction and nonfiction and to write college-ready literary analysis and argument papers. Students will review and practice college and career ready speaking and listening skills. Under the theme of British Literature, both literary fiction and nonfiction will be introduced as vehicles for self-exploration and self-improvement, in conjunction with discussion and writing. The course's units include, but

are not limited to, *Beowulf*, Shakespeare's *The Tragedy of Hamlet*, and an individualized Black History Month project. This course fulfills the requirements for one credit of twelfth grade English for graduation.

## Mathematics

### **Algebra I A (0.5 Credits)**

**Course: H0205201**

### **Algebra I B (0.5 Credits)**

**Course: H0205212**

**SCED: 02052**

Algebra I includes the study of properties and operations of the real number system; solving and graphing first degree equations and inequalities; translating word problems into equations; exponential growth and decay, systems of linear equations, introduction to statistics, operations with and factoring of polynomials; and introductions to graphs of quadratic equations.

### **Algebra I A OL (0.5 Credits)**

**Course: H0205201OL**

### **Algebra I B OL (0.5 Credits)**

**Course: H0205210L**

**SCED: 02052**

Algebra I OL includes the study of properties and operations of the real number system; solving and graphing first degree equations and inequalities; translating word problems into equations; exponential growth and decay, systems of linear equations, introduction to statistics, operations with and factoring of polynomials; and introductions to graphs of quadratic equations.

### **Algebra II A (0.5 Credits)**

**Course: H0205601**

### **Algebra II B (0.5 Credits)**

**Course: H0205612**

**SCED: 02052**

Algebra II topics include a review of linear equations and inequalities; operations with rational and irrational expressions; transformations, factoring of rational expressions; quadratic equations; solving systems of linear and nonlinear equations; graphing of functions; properties of polynomial equations; and properties of radical functions, investigating exponential and logarithmic growth and decay, and further work into data analysis and statistics.

### **Algebra II A OL (0.5 Credits)**

**Course: H0205601OL**

### **Algebra II B OL (0.5 Credits)**

**Course: H0205612OL**

**SCED: 02056**

Algebra II OL topics include a review of linear equations and inequalities; operations with rational and irrational expressions; transformations, factoring of rational expressions; quadratic equations; solving systems of linear and nonlinear equations; graphing of functions; properties of polynomial equations; and properties of radical functions, investigating exponential and logarithmic growth and decay, and further work into data analysis and statistics.

### **Geometry A (0.5 Credits)**

**Course: H0207201**

### **Geometry B (0.5 Credits)**

**Course: H0207212**

**SCED: 02072**

Geometry topics include transformations, concepts of congruence, similarity, angle relationships within parallel and perpendicular lines, proportions, rules of angle measurements of polygons, exploring dimensional measurement, area and volume of shapes, right triangle trigonometry, and data analysis and statistics.

**Geometry A OL (0.5 Credits)**  
**Geometry B OL (0.5 Credits)**

**Course: H02072010L**  
**Course: H02072120L**  
**SCED: 02072**

Geometry OL topics include transformations, concepts of congruence, similarity, angle relationships within parallel and perpendicular lines, proportions, rules of angle measurements of polygons, exploring dimensional measurement, area and volume of shapes, right triangle trigonometry, and data analysis and statistics.

**Consumer Math A OL (0.5 Credits)**  
**Consumer Math B OL (0.5 Credits)**

**Course: H02157010L**  
**Course: H02157120L**  
**SCED02157:**

The purpose of this course is to focus on everyday applications of basic math skills as they are applied to real life topics. Students will learn how to use basic math skills for situations such as buying a car, budgeting money, investing, paying taxes, etc.

**Financial Literacy A&B OL (1.0 Credit)**

**Course: H02074110L**  
**SCED: 02074**

Financial Literacy includes the study of numeracy, financial literacy, and vocabulary of Algebra I. Topics include numeracy using mathematical relationships to reason with numbers and numerical concepts, to think through the math logically, to have a repertoire of strategies to solve problems, and to be able to apply the logic outside of classrooms.

## Science

**Earth Science A OL (0.5 Credits)**  
**Earth Science B OL (0.5 Credits)**

**Course: H03001010L**  
**Course: H03001120L**  
**SCED: 03001**

Earth Science offers insight into the environment on Earth and the Earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, this course usually explores oceanography, geology, astronomy, meteorology, and geography.

**Environmental Science A OL (0.5 Credits)**  
**Environmental Science B OL (0.5 Credits)**

**Course: H03003010L**  
**Course: H03003120L**  
**SCED: 03003**

Students will dive deeper into the Earth's four spheres (hydrosphere, atmosphere, biosphere, and geosphere) that they learned in Earth Science. During this course, they will connect the four spheres to environmental problems/policies/factors to better understand anthropogenic and biogenic impacts on the planet.

**Physics A (0.5 Credits)**  
**Physics B (0.5 Credits)**

**Course: H0315101**  
**Course: H0315112**  
**SCED:03151**

**Prerequisite: Completed Algebra I.** Physics involves the study of matter and energy and the interactions between them. This course will explore the topics of motion, forces, energy, and electricity. Students will apply scientific and engineering ideas to design, build, and refine a device that minimizes the force during a collision and a device that works within given constraints to



convert one form of energy into another form of energy. The study of physics may also include the examination of waves, sound, light, and magnetism.

**Physics A OL (0.5 Credits)**

**Course: H0315101OL**

**Physics B OL (0.5 Credits)**

**Course: H0315112OL**

**SCED: 03151**

**Prerequisite: Completed Algebra I.** Physics OL involves the study of matter and energy and the interactions between them. This course will explore the topics of motion, forces, energy, and electricity. Students will apply scientific and engineering ideas to design, build, and refine a device that minimizes the force during a collision and a device that works within given constraints to convert one form of energy into another form of energy. The study of physics may also include the examination of waves, sound, light, and magnetism.

**Biology A (0.5 Credits)**

**Course: H0305101**

**Biology B (0.5 Credits)**

**Course: H0305112**

**SCED: 03151**

Biology is designed to provide information regarding the fundamental concepts of life and life processes. This course includes (but is not restricted to) such topics as cell structure and function, ecology, general plant and animal physiology, and genetics.

**Biology A OL (0.5 Credits)**

**Course: H0305101OL**

**Biology B OL (0.5 Credits)**

**Course: H0305112OL**

**SCED: 03151**

Biology OL is designed to provide information regarding the fundamental concepts of life and life processes. This course includes (but is not restricted to) such topics as cell structure and function, ecology, general plant and animal physiology, and genetics.

**Chemistry A (0.5 Credits)**

**Course: H0310101**

**Chemistry B (0.5 Credits)**

**Course: H0310112**

**SCED: 0310**

Chemistry involves studying the composition, properties, and reactions of substances. This course typically explores such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions, atomic structure, and conservation of matter. Chemical formulas, equations, and nuclear reactions are also studied.

**Chemistry A OL (0.5 Credits)**

**Course: H0310101OL**

**Chemistry B OL (0.5 Credits)**

**Course: H0310112OL**

**SCED: 0310**

Chemistry OL involves studying the composition, properties, and reactions of substances. This course typically explores such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions, atomic structure, and conservation of matter. Chemical formulas, equations and nuclear reactions are also studied.

## Social Studies

**Economics (0.5 Credits)**

**Course: H0420100**

**SCED: 04201**

The economics content is necessary for the understanding and analysis of a wide variety of applications, including those involving individual and household choices, personal finance issues,

business and entrepreneurial decisions, and public policy. Students analyze and study economic concepts and principles in three contextual areas: individual and household context, a business context, and a government or public context focused around four content areas: The Market Economy; The National Economy; the International Economy; and Personal Finance.

**Economics OL (0.5 Credits)**

**Course: H04201000L**

**SCED: 04201**

The Economics OL content is necessary for the understanding and analysis of a wide variety of applications, including those involving individual and household choices, personal finance issues, business and entrepreneurial decisions, and public policy. Students analyze and study economic concepts and principles in three contextual areas: individual and household context, a business context, and a government or public context focused around four content areas: The Market Economy; The National Economy; the International Economy; and Personal Finance.

**Government (0.5 Credits)**

**Course: H0415100**

**SCED: 04151**

Government is a required course for graduation and covers several aspects of government, and will explore the origins of the American democratic system. In addition, students will learn how the constitution embodies the values and purposes set up by the founding fathers. The structure and function of the government will be analyzed on a national, state, and local level while showing how each level is interrelated. This will launch the class into discussing how constitutional values relate to other nations and world affairs. Throughout the course, we will focus on how the people play an active role in government and the importance each citizen contributes to society.

**Government OL (0.5 Credits)**

**Course: H04151000L**

**SCED: 04151**

Government OL is a required course for graduation and covers several aspects of government, and will explore the origins of the American democratic system. In addition, students will learn how the constitution embodies the values and purposes set up by the founding fathers. The structure and function of the government will be analyzed on a national, state, and local level while showing how each level is interrelated. This will launch the class into discussing how constitutional values relate to other nations and world affairs. Throughout the course, we will focus on how the people play an active role in government and the importance each citizen contributes to society.

**Government Honors (0.5 credit)**

**Course Number: H04151021**

**SCED: 04151**

Government is a required course for graduation and covers several aspects of government, and will explore the origins of the American democratic system. In addition, students will learn how the constitution embodies the values and purposes set up by the founding fathers. The structure and function of the government will be analyzed on a national, state, and local level while showing how each level is interrelated. This will launch the class into discussing how constitutional values relate to other nations and world affairs. Throughout the course, we will focus on how the people play an active role in government and the importance each citizen contributes to society.

**Political Science/Government (0.5 credit)**

**Course Number: H0415100X**

**SCED: 04151**

Government is a required course for graduation and covers several aspects of government, and will explore the origins of the American democratic system. In addition, students will learn how the

constitution embodies the values and purposes set up by the founding fathers. The structure and function of the government will be analyzed on a national, state, and local level while showing how each level is interrelated. This will launch the class into discussing how constitutional values relate to other nations and world affairs. Throughout the course, we will focus on how the people play an active role in government and the importance each citizen contributes to society.

**Political Government/Government (0.5 credit)**

**Course Number: H04151021X**

**SCED: 04151**

Government is a required course for graduation and covers several aspects of government, and will explore the origins of the American democratic system. In addition, students will learn how the constitution embodies the values and purposes set up by the founding fathers. The structure and function of the government will be analyzed on a national, state, and local level while showing how each level is interrelated. This will launch the class into discussing how constitutional values relate to other nations and world affairs. Throughout the course, we will focus on how the people play an active role in government and the importance each citizen contributes to society.

**US History and Geography A (0.5 Credits)**

**Course: H0410101**

**US History and Geography B (0.5 Credits)**

**Course: H0410112OL**

**SCED: 04101**

This course will examine the history of the United States from Industrialization through the Present. This course will involve a close examination of the implications and effects of the social, cultural, political, and economic developments that have shaped our nation's past including, but not limited to, the Progressive Era, the Great Depression, World War I and II, the Cold War, and the Civil Rights movements.

**US History and Geography A OL (0.5 Credits)**

**Course: H0410101OL**

**US History and Geography B OL (0.5 Credits)**

**Course: H0410112**

**SCED: 04101**

This course will examine the history of the United States from Industrialization through the Present. This course will involve a close examination of the implications and effects of the social, cultural, political, and economic developments that have shaped our nation's past including, but not limited to, the Progressive Era, the Great Depression, World War I and II, the Cold War, and the Civil Rights movements.

**World History and Geography A (0.5 Credits)**

**Course: H0405201**

**World History and Geography B (0.5 Credits)**

**Course: H0405212**

**SCED: 04052**

In this course we will trace major characteristics of human civilizations throughout the world, beginning with Ancient Greece and Rome, the Middle Ages, Scientific Revolution, the Renaissance and Reformation eras, the Enlightenment, as well as global interactions of the 16<sup>th</sup> century until the present by exploring the social, cultural, political, and economic developments throughout world civilizations. We will draw comparisons to illustrate the diversity and similarity among civilizations and to develop a global view of world systems.

**World History and Geography A OL (0.5 Credits)**

**Course: H0405201OL**

**World History and Geography B OL (0.5 Credits)**

**Course: H0405212OL**

**SCED: 04052**

In this course we will trace major characteristics of human civilizations throughout the world, beginning with Ancient Greece and Rome, the Middle Ages, Scientific Revolution, the Renaissance and Reformation eras, the Enlightenment, as well as global interactions of the 16<sup>th</sup> century until the

present by exploring the social, cultural, political, and economic developments throughout world civilizations. We will draw comparisons to illustrate the diversity and similarity among civilizations and to develop a global view of world systems.

## World Languages

### **Spanish I A (0.5 Credits)**

**Course: H0610101**

### **Spanish I B (0.5 Credits)**

**Course: H0610112**

**SCED: 24052**

This introductory course is designed for students with little or no previous study of Spanish. Some students in class might have studied Spanish in middle school, but have not grasped some of the important structures of the language. This course teaches basic language patterns and vocabulary. Repetition and comprehensible input are important components of this course. Focus is on all four language skills: listening, speaking, reading, and writing. Culture is an integral part of the course and is introduced through the use of media, games, adapted readings and class discussions. In addition to written tests and quizzes, students may also be assessed utilizing a variety of activities, many of them participatory in nature. Homework assignments are an integral part of this course; they reinforce concepts/skills introduced and explored in class, which enable students to participate in class in a meaningful way. Completion of homework assignments is a must. Active participation is required.

### **Spanish I A OL (0.5 Credits)**

**Course: H0610101OL**

### **Spanish I B OL (0.5 Credits)**

**Course: H0610112OL**

**SCED: 24052**

This introductory course is designed for students with little or no previous study of Spanish. Some students in class might have studied Spanish in middle school, but have not grasped some of the important structures of the language. This course teaches basic language patterns and vocabulary. Repetition and comprehensible input are important components of this course. Focus is on all four language skills: listening, speaking, reading, and writing. Culture is an integral part of the course and is introduced through the use of media, games, adapted readings, and class discussions. In addition to written tests and quizzes, students may also be assessed utilizing a variety of activities, many of them participatory in nature. Homework assignments are an integral part of this course; they reinforce concepts/skills introduced and explored in class, which enable students to participate in class in a meaningful way. Completion of homework assignments is a must. Active participation is required.

### **Spanish II A (0.5 Credits)**

**Course: H0610201**

### **Spanish II B (0.5 Credits)**

**Course: H0610212**

**SCED: 24053**

This course is a continuation of the objectives and skills presented in Spanish I. It is designed to present materials in such a way that the student will derive pleasure and satisfaction in acquiring the language skills through topic-based curriculum and comprehensible input with exposure in all four areas of language acquisition: listening, speaking, reading, and writing. The course will focus on daily life, healthy living, personal information, and travel and leisure to progressively enable the students to increase communicative proficiency, vocabulary, and give exposure to various language structures to increase overall language proficiency. Students will be exposed to different cultural perspectives, customs, art, food, and music of the countries where Spanish is spoken.

**Spanish II A OL (0.5 Credits)**  
**Spanish II B OL (0.5 Credits)**

**Course: H0610201OL**  
**Course: H0610212OL**  
**SCED: 24053**

This course is a continuation of the objectives and skills presented in Spanish I. It is designed to present materials in such a way that the student will derive pleasure and satisfaction in acquiring the language skills through topic-based curriculum and comprehensible input with exposure in all four areas of language acquisition: listening, speaking, reading, and writing. The course will focus on daily life, healthy living, personal information, and travel and leisure to progressively enable the students to increase communicative proficiency, vocabulary, and give exposure to various language structures to increase overall language proficiency. Students will be exposed to different cultural perspectives, customs, art, food, and music of the countries where Spanish is spoken.

**French 1 A OL (0.5 Credits)**

**Course: H106121**  
**SCED: 24102**

This introductory course is designed for students with little or no previous study of French. Some students in class might have studied French in middle school, but have not grasped some of the important structures of the language. This course teaches basic language patterns and vocabulary. Repetition and comprehensible input are important components of this course. Focus is on all four language skills, listening, speaking, reading, and writing. Culture is an integral part of the course and is introduced through the use of media, games, adapted readings and class discussions. In addition to written tests and quizzes, students may also be assessed utilizing a variety of activities, many of them participatory in nature. Homework assignments are an integral part of this course; they reinforce concepts/skills introduced and explored in class, which enable students to participate in class in a meaningful way. Completion of homework assignments is a must. Active participation is required.

**French 1 B OL (0.5 Credits)**

**Course: H106121011**  
**SCED: 24102**

This introductory course is designed for students with little or no previous study of French. Some students in class might have studied French in middle school, but have not grasped some of the important structures of the language. This course teaches basic language patterns and vocabulary. Repetition and comprehensible input are important components of this course. Focus is on all four language skills, listening, speaking, reading, and writing. Culture is an integral part of the course and is introduced through the use of media, games, adapted readings and class discussions. In addition to written tests and quizzes, students may also be assessed utilizing a variety of activities, many of them participatory in nature. Homework assignments are an integral part of this course; they reinforce concepts/skills introduced and explored in class, which enable students to participate in class in a meaningful way. Completion of homework assignments is a must. Active participation is required.

**Art**

**Art Appreciation OL (0.5 Credits)**

**Course: HST05151OL**  
**SCED: 05151**

Art Appreciation is a general introduction to the visual arts, media, techniques, and history. ... This course reviews two- and three-dimensional art forms, methods, and media; examines the visual elements and principles of design; and briefly surveys art styles from the prehistoric to the 20th Century.

**Art 1 A (0.5 Credits)**  
**Art 1 B (0.5 Credits)**

**Course: HST610A**  
**Course: HST610B**  
**SCED: 05189**

This is a comprehensive course that provides students with the knowledge and opportunity to explore an art form and to create individual works of art. This course may also provide a discussion and exploration of career opportunities in the art world. It will cover the language, materials, and processes of a particular art form and the design elements and principles supporting a work of art. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are engaged to develop their artistic styles. Although this course focuses on creation, it may also include the study of major artists, art movements, and styles.

**Drama**

**Drama A (0.5 Credit)**

**Course: Hun613A**  
**SCED: 05079**

A dramatic experience is intrinsic in human development. An introduction of dramatic games and exercises will be used as a way of sharpening imagination, building interpersonal relationships, and most importantly strengthening individual identity.

**Physical Education & Health**

**Physical Education (0.5 Credits)**

**Course: H0803900**  
**SCED: 08001**

Physical Education gives students the ability to grow and develop the necessary motor skills to live healthy lives. The curriculum is designed around the Michigan Merit Curriculum and provides them with opportunities to develop social skills in group activities. This course also encourages students to set personal short-term and long-term goals based on their kinesthetic achievements. Emphasis is placed on individual and team sports, outdoor recreation, rhythmic/expressive movements and other health related fitness and conditioning activities that empower the cardiovascular and muscular/skeletal system.

**Physical Education OL (0.5 Credits)**

**Course: H0803900OL**  
**SCED: 08001**

Physical Education OL gives students the ability to grow and develop the necessary motor skills to live healthy lives. The curriculum is designed around the Michigan Merit Curriculum and provides them with opportunities to develop social skills in group activities. This course also encourages students to set personal short-term and long-term goals based on their kinesthetic achievements. Emphasis is placed on individual and team sports, outdoor recreation, rhythmic/expressive movements and other health-related fitness and conditioning activities that empower the cardiovascular and muscular/skeletal system.

**Health (0.5 Credits)**

**Course: H0805100**  
**SCED: 08051**

All students will demonstrate basic core concepts of nutrition and physical activity, social and emotional wellness, sexuality education and the prevention of HIV/AIDS and other communicable diseases. They will also develop skills to resist alcohol, tobacco and other drugs, as well as basic safety procedures needed to demonstrate overall wellness. Through hands-on activities and

project-based learning, students will apply decision-making and social skills, set healthy life-long goals and demonstrate healthy behaviors. Students will also be empowered to analyze diverse influences on their health and access valid health resources in their community.

### **Health OL (0.5 Credits)**

**Course: H08051000L**

**SCED: 08051**

All students will demonstrate basic core concepts of nutrition and physical activity, social and emotional wellness, sexuality education and the prevention of HIV/AIDS and other communicable diseases. They will also develop skills to resist alcohol, tobacco and other drugs, as well as basic safety procedures needed to demonstrate overall wellness. Through hands-on activities and project-based learning, students will apply decision-making and social skills, set healthy life-long goals and demonstrate healthy behaviors. Students will also be empowered to analyze diverse influences on their health and access valid health resources in their community.

## **Music**

### **Music Appreciation OL (0.5 Credits)**

**Course: H05118000L**

**SCED: 05118**

Music Appreciation introduces students to the discipline of music through listening, discussion, lectures, and analysis. The course traces the historical development of music with an emphasis on Western art music.

### **Spoken Word 2\Music Appreciation (0.5 Credits)**

**Course: H01157110**

**SCED: 05118**

Spoken Word and Slam Poetry is all about studying, writing, and performing in the exuberant, genre-defying, political, personal, raucous, and powerful performance poetry scene.

### **Spoken Word Poetry (0.5 Credits)**

**Course: H0115711**

**SCED: 05118**

Dive into the vibrant world of spoken word poetry, where words come alive through rhythm, emotion, and performance. This course is designed for students who wish to explore the art of spoken word, enhancing their writing and presentation skills while discovering their unique voices. Students will explore **rhyme\rhythm** (breaks and beats), diction, and parallel sentence structure. Elements of a successful presentation include: gesture, eye contact, intonation, expression, body language.

## **CTE**

### **Collision Repair Technology A (2.0 Credits)**

**Course: H2011601**

### **Collision Repair Technology B (2.0 Credits)**

**Course: H2011612**

**SCED: 20116**

RCTC Collision Repair Technology Is A NATEF certified training program. Students have the opportunity to develop their knowledge and skills through applied theory and hands-on shop projects. The class is very hands-on with plenty of time spent in the lab repairing cars. Students will apply what they have learned in Auto Collision Repair daily. Students will have the ability to decide what area of auto collision repair they would like to pursue. Careers that students may enter

include, but are not limited to: body repair technician, refinishing technician, automotive parts specialist, detail technician, damage estimator, collision repair mechanic, Structural Technician, and insurance adjuster. Careers in this field are in high demand. Students have the opportunity to participate in an internship and Work-Based Learning where they will work at a local shop, get paid, and receive credit for attending class. Students may earn a senior math credit as well as an applied arts credit. Students may also elect to go on to a post-secondary school or college to pursue further education. Students may earn articulated credit with Washtenaw Community College, or Baker College. Collision repair students will have the opportunity to participate in Career Technical Student organizations such as Skills USA, where they may compete against other Schools using their Technical training.

**Collision Repair Technology 2 A (2.0 Credits)**

**Course: H02010601**

**Collision Repair Technology 2 B (2.0 Credits)**

**Course: H02010601**

**SCED: 20116**

RCTC Collision Repair Technology Is A NATEF certified training program. Students have the opportunity to develop their knowledge and skills through applied theory and hands-on shop projects. The class is very hands-on with plenty of time spent in the lab repairing cars. Students will apply what they have learned in Auto Collision Repair daily. Students will have the ability to decide what area of auto collision repair they would like to pursue. Careers that students may enter include, but are not limited to: body repair technician, refinishing technician, automotive parts specialist, detail technician, damage estimator, collision repair mechanic, Structural Technician, and insurance adjuster. Careers in this field are in high demand. Students have the opportunity to participate in an internship and Work-Based Learning where they will work at a local shop, get paid, and receive credit for attending class. Students may earn a senior math credit as well as an applied arts credit. Students may also elect to go on to a post-secondary school or college to pursue further education. Students may earn articulated credit with Washtenaw Community College, or Baker College. Collision repair students will have the opportunity to participate in Career Technical Student organizations such as Skills USA, where they may compete against other Schools using their Technical training.

**Automotive Technology A (2.0 Credits)**

**Course: H2010401**

**Automotive Technology B (2.0 Credits)**

**Course: H020106012**

**SCED: 20104**

The Automotive Technology program is a NATEF Certified program designed to educate students to perform maintenance and light vehicle repair. The skill sets provide a learning experience and skill sets for a variety of jobs within the automotive industry, which are in high demand. This is accomplished with classroom instruction coupled with hands-on experience in the shop. Students will have access to shop cars and tools. Students will be exposed to ASE sections including: engine repair, suspension & steering, brakes, electrical/electronic systems, heating & air conditioning. Seniors that return for a second year will build upon the foundation by applying the logic to the systems and a deeper understanding of how the systems work together. Automotive Technology students can earn articulated credit with Washtenaw Community College or Baker College.

The program provides an opportunity to participate in the Career Technical Student organizations such as Skills USA, where they may compete against other schools.

**Culinary Arts and Hospitality Mgmt. A (2.0 Credits)**

**Course: H1609801**

**Culinary Arts and Hospitality Mgmt. B (2.0 Credits)**

**Course: H1609812**

**SCED: 16056**

Culinary Arts and Bakery Science is for the student who wants to study in the culinary arts, bakery science, or hospitality industries. In this class, students have the opportunity to explore the exciting



and developing professions in the culinary industry and bakery science industries using the National Restaurant Association ProStart curriculum. Through the ProStart program, high school students can learn career-building skills and get a taste for success in an industry that is hungry for talent. The student will become acquainted with the best practices in all phases of the culinary and bakery industry. Upon completion of this course, students will have a working knowledge of:

- Preparing for a successful career in the hospitality industry
- Preparing and serving safe food
- Preventing accidents and injuries
- Kitchen basics
- Foodservice equipment
- Nutrition
- Culinary essential skills
- Bakery essential skills
- Pastry/dessert basics
- Cake decoration basic
- Menu planning
- World foods
- Salads and garnishes
- Culinary math and costing
- Fruits and vegetables
- Controlling foodservice cost
- Planning and producing events
- Knife skills

Students can earn up to 7 industry recognized certifications. Some of the certifications can be used to articulate college credit and can be helpful in getting a high-paying job or possible promotions in the students' current job. The certificates that can be earned are ServSafe Food Handlers, ServSafe Allergens, ServSafe Safe Alcohol Service, ServSafe Managers, ProStart Year 1, ProStart Year 2, and ProStart National Certificate of Achievement. Washtenaw Community College is a partner of RCTC Culinary Arts and Bakery Science, and ProStart and therefore offers students up to 10 articulated college credits. Students must pass ProStart level 1 and 2 tests (years 1 and 2), then the ServSafe Managers test, and have a B or better in RCTC to get these classes articulated. Juniors will be on the right track for these credits, however, 1st-year seniors will be able to earn the benefits as well. These are the classes that will be articulated.

- Sanitation and Hygiene 2cr
- Culinary Principles 3cr
- Baking Science 2cr
- Fundamentals of Bakery 3cr
- All 10 credits will apply to a culinary OR bakery degree.

Along with WCC, many other colleges offer similar amounts of articulation. Just a few of the culinary schools and colleges are The Culinary Institute go Michigan, Lake Michigan College, Northern Michigan University, The Culinary Institute of America, Johnson and Wales University, Sullivan University and many more.

**Engineering**

**Engineering, Technology, & Society A (0.5 Credits)**  
**Engineering, Technology, & Society B (0.5 Credits)**

**Course: H2100402**  
**Course: H2100403**  
**SCED: 21003**

Students in this program can expect courses in product design and development, systems analysis and simulation, engineering project management, and quality control. Engineering technology programs also include lab studies and possible internships.

**Engineering Design IA (0.5 Credits)**

**Course: H2100602**

**Engineering Design IB (0.5 Credits)****Course: H2100603****SCED: 21006**

Engineering Design courses offer students experience in solving problems by applying a design development process. Often using solid modeling computer design software, students develop, analyze, and test product solutions models as well as communicate the features of those models.

**College & Career Readiness****College and Career Readiness A OL (0.5 Credits)****Course: H2215103OL****College and Career Readiness B OL (0.5 Credits)****Course: H2215104OL****SCED: 22151**

College and Career Readiness is designed for you, the student. It will help you begin to think about why you are here, where you are going, and how to make the best use of your time while transitioning to college, trade school, or your career. The course will challenge you both personally and academically. You will be asked to think critically, reflect on your opinions and experiences, and to articulate those opinions verbally through in-class discussions and written work. You will also be asked to present some of what you have learned and experienced to the class. A portion of this class is dedicated to identifying and completing the documents required to complete ***Senior Project Portfolio*** and ***Senior Defense Presentation*** obligations as well as preparing each student for his or her education beyond high school.

**Skill Building, Advisory, & Seminar****Skill Building (0 Credits)****Course: H0000001****SCED: 23990**

Advanced formation or reformation of professional and personal qualities, the mastery of new ways of solving professional problems and new methods of professional thinking, overcoming negative attitudes and the inhibitory influence of experience, changing the motivational and operational sphere of professional activity, the emergence of the person himself as a subject of further training.

**Advisory (0.25 Credits)****Course: H2210601****SCED: 22106**

Student Advisory provides the opportunity and time for students to complete classroom assignments or school projects. Students typically work on their own, without the help of a tutor; however, they are supervised and usually remain in the classroom. In Student Advisory, each student in the school is assigned a teacher or staff member who assists the student in achieving his or her academic and personal goals. Advisory usually has two distinct parts: an advisory class, similar to a homeroom, and one-to-one advisement to address personal issues. While their goals are similar, schools organize and implement their advisory programs in a variety of ways depending on the needs of the school community and our focus on the use of priority standards.

**Seminar (.5 Credits)****Course: 25001****SCED: 25001**

Seminar courses vary widely, but typically offer a small peer group the opportunity to investigate areas of interest. Course objectives may include improvement of research and investigatory skills, presentation skills, interpersonal skills, group process skills, problem-solving and critical-thinking skills. Seminars aimed at juniors and seniors often include a college and career exploration and planning component.

## WCC Courses

- [DE WCC HSC 131 CPR/AED \(0.5 Credits\)](#) Course: H1429907
- [DE WCC HSC 101 Healthcare Term \(0.5 Credits\)](#) Course: H1415407
- [DE WCC.COM 101 Fund of Speaking \(1.0 Credit\)](#) Course: H0115107
- [DE WCC.ENG 111 Composition I \(0.5 Credit\)](#) Course: H0110307
- [WCC ACS 151 Student Success on & Beyond \(1.0 Credit\)](#) Course: H0199207
- [WCC HSC 189 Intro to Basic Caregiving \(1.0 Credit\)](#) Course: H114204071
- [WCC Dual Enrollment \(0 Credit\)](#) Course: HST900