



**UTICA
COMMUNITY
SCHOOLS**

Utica Community Schools

Course Description Guide

Junior High Schools

Grades 7 – 9

**Bemis Junior High School
Davis Junior High School
Eppler Junior High School
Jeannette Junior High School
Malow Junior High School
Shelby Junior High School**

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Education with Purpose.
CAREER TREE

UTICA COMMUNITY SCHOOLS
 Career Technical Education

PROFESSIONAL CAREERS
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Editor
- Educational Consultant
- English/Language Arts High School Teacher
- Ghost Writer
- Adjunct Professor
- Lawyer
- Technical Writer
- Writer/Author
- Public Relations Officer
- Librarian
- Development Director
- College Professor

TECHNICAL CAREERS
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Content Manager
- Content Strategist
- Creative Writer
- Digital Copywriter
- Freelance Editor
- Gaming Writer
- Magazine Journalist
- Newspaper Journalist
- Paralegal
- Web Content Writer
- Writer
- Writing Tutor

ENTRY-LEVEL CAREERS
(with Program Completion)

- Announcer
- Blogger
- Copy Editor
- Copywriter
- Editorial Assistant
- Freelance Writer
- Community Organizer
- Library Assistant
- Office Manager
- Private Tutor
- Reporter
- Social Media Coordinator

ACADEMICS **PROFESSIONAL SKILLS**

EXPERIENCES **PASSION**

ENGLISH/LANGUAGE ARTS

tfs
 COMMUNITY

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7 – 12 English Pathway

7	English 7	Honors English 7
8	English 8	Honors English 8
9	English 9	Honors English 9

Electives 8 – 9	Yearbook (<i>Non-Publishing Elective - Grade 8 Only</i>)	Yearbook (<i>Elective</i>)
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10	English 10	Honors English 10		AP Capstone Seminar (<i>Elective</i>)	
11	English 11	AP English Language & Composition		AP Capstone Seminar (<i>May count for ELA 11 credit</i>)	AP Capstone Research (<i>May count for ELA 11 credit</i> <i>Pre-Requisite: AP Capstone Seminar</i>)
12	English 12	AP English Literature & Composition	Honors Writing Analysis (<i>May count for ELA 12 credit</i>)	AP Capstone Seminar (<i>May count for ELA 12 credit</i>)	AP Capstone Research (<i>May count for ELA 12 credit</i> <i>Pre-Requisite: AP Capstone Seminar</i>)

Electives 10 - 12	Speech Communication I	Forensics Competition Speaking	Debate	Journalism I	Newspaper (<i>Pre Reg: Journalism</i>)	Yearbook	Desktop Publishing
	Speech Communication II		Advanced Debate	Journalism II			

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Course Name	Course Code	Credits	Grade Level	Codes	Description
English 7	B027	1.0	7		This course emphasizes the development of the student's strategic reading skills, literary knowledge, writing abilities, oral language, and research skills. The study of grammar, along with literature, editing skills, and vocabulary, are taught as part of the writing process.
Honors English 7	B127	1.0	7		Honors English covers the standard curriculum of English 7. The class will delve deeper into content by applying additional concepts to literature, independently reading additional novels, collaborating with others through discussion processes, and using critical thinking skills to analyze information. Students are expected to be independent and self-directed learners.
English 8	B028	1.0	8		This course emphasizes listening, speaking, writing, and reading skills. The study of grammar, along with literature, editing skills, and vocabulary are taught as part of the writing process. Students develop reading skills through a study of drama, poetry, short stories, and novels.
Honors English 8	B128	1.0	8		Honors English covers the standard curriculum of English 8. The class will delve deeper into content by applying additional concepts to literature, independently reading additional novels, collaborating with others through discussion processes, and using critical thinking skills to analyze information. Students are expected to be independent and self-directed learners.
Yearbook (<i>non-publishing</i>)	B658	1.0	8		This introductory course focuses on many aspects of yearbook journalism, including photography, layout design, interviewing, writing, editing, and desktop publishing.

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Course Name	Course Code	Credits	Grade Level	Codes	Description
English 9	B020	1.0	9	GR/MMC 21F	This course emphasizes listening, speaking, writing, and reading skills. The study of grammar, along with literature, editing skills and vocabulary are taught as part of the writing process. Students develop reading skills through a study of drama, poetry, the short story and the novel. A term paper or annotated report is part of the required work in this course
Honors English 9	B030	1.0	9	GR/MMC 21F	Honors English covers the standard curriculum of English 9. The class will delve deeper into content by applying additional concepts to literature, independently reading additional novels, collaborating with others through discussion processes, and using critical thinking skills to analyze information. Students are expected to be independent and self-directed learners.
Yearbook	B920	1.0	9	VPAA	This course focuses on the many aspects of yearbook journalism, including photography, layout design, interviewing, writing, editing, and desktop publishing. Students will design, develop, and sell their completed publication at the end of the year.

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CAREER TREE

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Career Technical Education

TECHNICAL CAREERS
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Air Traffic Control Analyst
- Construction Worker
- Cost Estimator
- Geographic and Land Information Systems Analyst
- Home Improvement, Builder
- Industrial Design Technologist
- Insurance Underwriter
- Inventory Analyst
- Packaging Designer
- Purchasing Agent
- Research Analyst
- Surveyor
- Tool and Die Maker

PROFESSIONAL CAREERS
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Accountant
- Actuary
- Auditor
- Budget Analyst
- CFO
- CPA
- Economist
- Engineer—Robotics, Civil, Geomatics
- Financial Advisor
- Mathematics Statistics Content Writer
- Statistician, Logistician
- Teacher, Professor

ENTRY-LEVEL CAREERS
(with Program Completion)

- Apprentice Electrician
- Bank Teller
- Cashier
- Data Entry Clerk
- Machine Operator
- Materials Testing Technician
- Math Tutor
- Office Manager
- Salesperson
- Stock Person
- Supply Chain Assistant
- Waiter

ACADEMICS **PROFESSIONAL SKILLS**

EXPERIENCES **PASSION**

MATHEMATICS

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RESULTS

For Career Tree® tools and materials visit www.uticaschools.org/21f or call our team at 313.462.3535.

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7-12 Mathematics Pathway

7	Math 7	Advanced Math 7 <ul style="list-style-type: none"> Placement based on UCS Criteria 	Algebra I <ul style="list-style-type: none"> Placement based on UCS Criteria Students will receive a letter grade, GPA points, posted on high school transcript the summer after grade 8 Students may choose to have the course removed prior to the start of grade 9.
8	Math 8	Algebra I <ul style="list-style-type: none"> Students will receive a letter grade, GPA points, posted on high school transcript the summer after grade 8 Students may choose to have the course removed prior to the start of grade 9. 	Accelerated Geometry <ul style="list-style-type: none"> Students will receive a letter grade, GPA points, posted on high school transcript the summer after grade 8 Students may choose to have the course removed prior to the start of grade 9.
9	Geometry	Accelerated Geometry	Accelerated Algebra II
10	Algebra I	Accelerated Algebra II	AP Pre-Calculus
11	Algebra II Extended Algebra II	Pre-Calculus AP Pre-Calculus	AP Calculus AB AP Calculus BC
12	Pre-Calculus AP Pre-Calculus Probability and Statistics (1 semester) Business Math (1 semester) Or Sr. Math Exp. (1 semester)	AP Pre-Calculus AP Calculus AB AP Calculus BC	AP Calculus BC Dual Enrollment Dual Enrollment
10-12 Option	AP Statistics can be taken any time after completing Algebra II		

Grade 12 students may take a Senior Math Experience course to fulfill the 4th credit of mathematics

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Course Name	Course Code	Credits	Grade Level	Codes	Description
Math 7	E027	1.0	7		This course stresses both the reading and application of mathematics. Arithmetic principles are consolidated and integrated with concepts from algebra and geometry. An emphasis is placed on problem-solving strategies. Focus is placed on pre-algebra skills in preparation for eighth grade math. Placement in this class is based on criteria established by Utica Community Schools.
Advanced Math 7	E127	1.0	7		This course is designed for students displaying a high degree of skill and interest in mathematics, enabling capable students to make the transition from elementary school mathematics to algebra in one year. It emphasizes pre-algebra skills and concepts, such as variables, equation solving and problem solving. The full range of topics needed for the successful study of Algebra is presented. This course is a continuation of Advanced Math 100 (grade 6), covering the remaining math 7 standards and all of the math 8 standards. Placement in this class is based on criteria established by Utica Community Schools.
Algebra I	E090	1.0	7,8,9	GR/MMC OLE 21f	Algebra I includes the study of families of functions including linear, quadratic, polynomial, exponential, rational, and bivariate data analysis. Students will also develop their knowledge of power (including roots, cubics, and quartics). Algebra I draws upon and connects to topics related to numbers and geometry by including the formalized study of the real number system and its properties, and by introducing elementary number theory. Use of the graphing calculator is embedded in the course. Placement is based on criteria established by Utica Community Schools. Refer to the UCS Graduation Requirements document for additional information. Students taking a high school course prior to entering high school will earn a letter grade for the course according to the UCS grading policy for high school students. The high school course will be placed on the high school transcript and the grade will count towards the Grade Point Average (GPA) and class ranking. Any student taking a high school course prior to grade 9 can have the course removed from their transcript and may retake the course if the following criteria is met. A parent or guardian must submit the UCS Request Form for Letter Grade and Credit Removal from Student Academic Record to the building principal prior to the first day of the student starting grade 9, requesting the course to be removed from the student's high school transcript and for the student to retake the course. Credits that are removed will act as if the course was never taken.

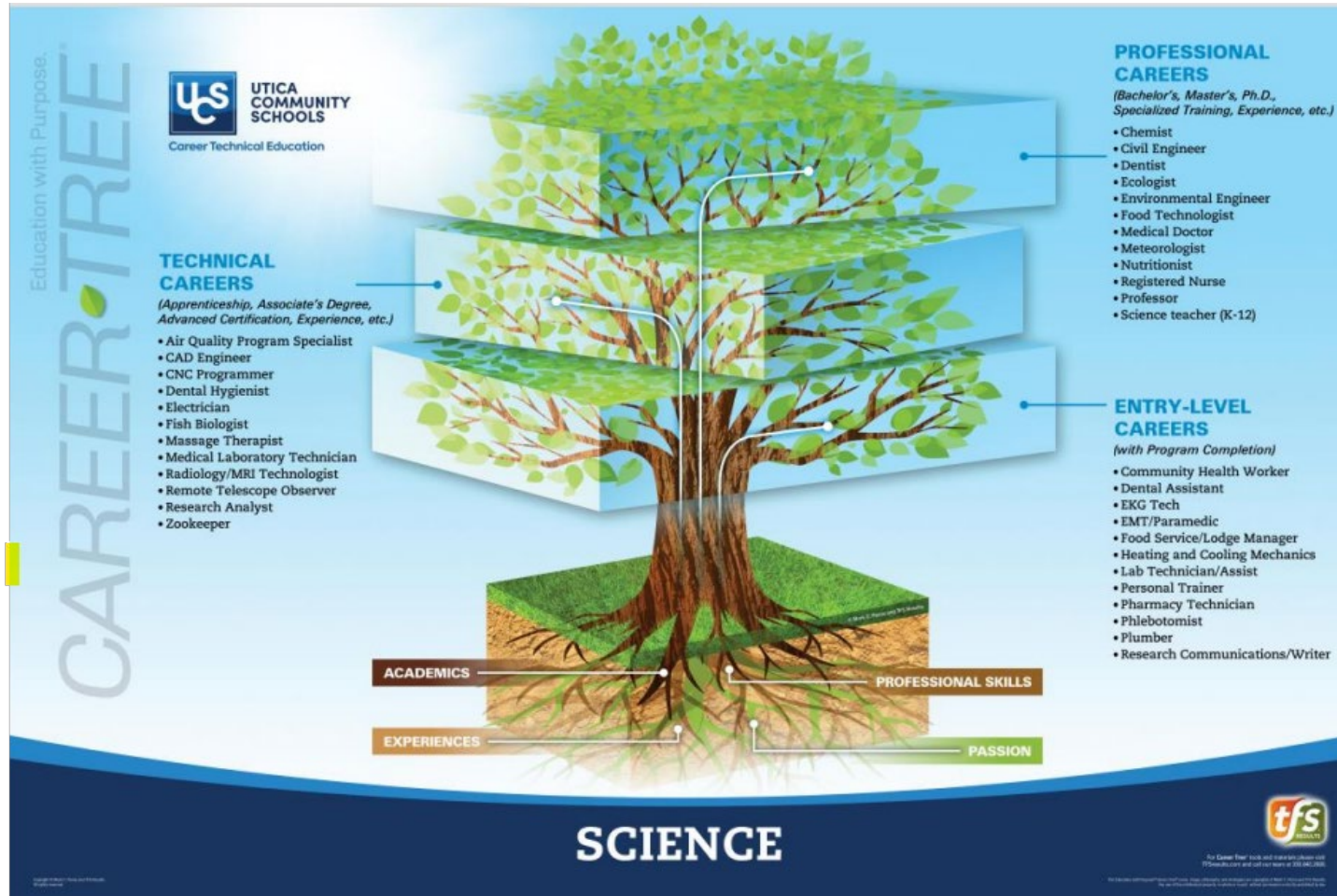
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Course Name	Course Code	Credits	Grade Level	Codes	Description
Math 8	E028	1.0	8		Mathematics 8 is a course designed to prepare students for Algebra I. Arithmetic principles are consolidated and integrated with concepts from algebra and geometry. An emphasis is placed on problem-solving strategies and calculator usage in the applications of mathematics. Placement in this class is based on criteria established by Utica Community Schools
Geometry	E110	1.0	9	GR/MMC OLE 21f	Students studying Geometry should develop analytic and spatial reasoning skills. Work is done with two-dimensional and three-dimensional figures in real-world contexts, building spatial visualization skills and deepening the understanding of shapes and relationships. Areas of study include right triangle trigonometry, algebraic reasoning applied to geometric situations, transformations of linear and quadratic functions to geometric transformations, and coordinate Geometry. The study of formal logic and proof helps students to understand the axiomatic system that underlies mathematics through the presentation and development of postulates, definitions, and theorems. Students should develop deductive reasoning skills. Refer to the UCS Graduation Requirements document for additional information.

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Course Name	Course Code	Credits	Grade Level	Codes	Description
Accelerated Geometry	E100	1.0	8,9	GR/MMC OLE 21f	<p>Students studying Geometry should develop analytic and spatial reasoning skills. Work is done with two-dimensional and three-dimensional figures in real-world contexts, building spatial visualization skills and deepening the understanding of shapes and relationships. Areas of study include right triangle trigonometry, algebraic reasoning applied to geometric situations, transformations of linear and quadratic functions to geometric transformations, and coordinate Geometry. The study of formal logic and proof helps students to understand the axiomatic system that underlies mathematics through the presentation and development of postulates, definitions, and theorems. Students should develop deductive reasoning skills. Placement is based on criteria established by Utica Community Schools. Refer to the UCS Graduation Requirements document for additional information.</p> <p>Students taking a high school course prior to entering high school will earn a letter grade for the course according to the UCS grading policy for high school students. The high school course will be placed on the high school transcript and the grade will count towards the Grade Point Average (GPA) and class ranking. Any student taking a high school course prior to grade 9 can have the course removed from their transcript and may retake the course if the following criteria is met. A parent or guardian must submit the UCS Request Form for Letter Grade and Credit Removal from Student Academic Record to the building principal prior to the first day of the student starting grade 9, requesting the course to be removed from the student's high school transcript and for the student to retake the course. Credits that are removed will act as if the course was never taken.</p>
Accelerated Algebra II	E130	1.0	9	GR/MMC OLE 21f	<p>Students continue the study of function families including quadratic, polynomial, radical, rational, exponential, and logarithmic functions. The topic of conic sections fuses algebra with geometry. Units of study include sequences and iteration as well as univariate statistical applications and trigonometry. Students will develop an understanding that algebraic thinking is an accessible and powerful tool that can be used to model and solve real-world problems. This rigorous course moves more rapidly and studies the topics in greater detail than in regular Algebra II. Use of the graphing calculator is embedded in the course. Refer to the UCS Graduation Requirements document for additional information.</p>

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7 – 12 Science Pathway

7	Science 7											
8	Science 8											
9	Biology											
10 – 11	Chemistry or Physics											
11 - 12	AP Biology	AP Chemistry #	AP Physics I (concurrently taking Algebra II)	AP Physics Mechanics ##	AP Environmental Science	Physics	Chemistry	Physiology (1 semester)	Environmental Science (1 semester)	Analytical Chemistry # (Forensic Science) (1 semester)	Organic Chemistry # (1 semester)	Astronomy (1 semester)

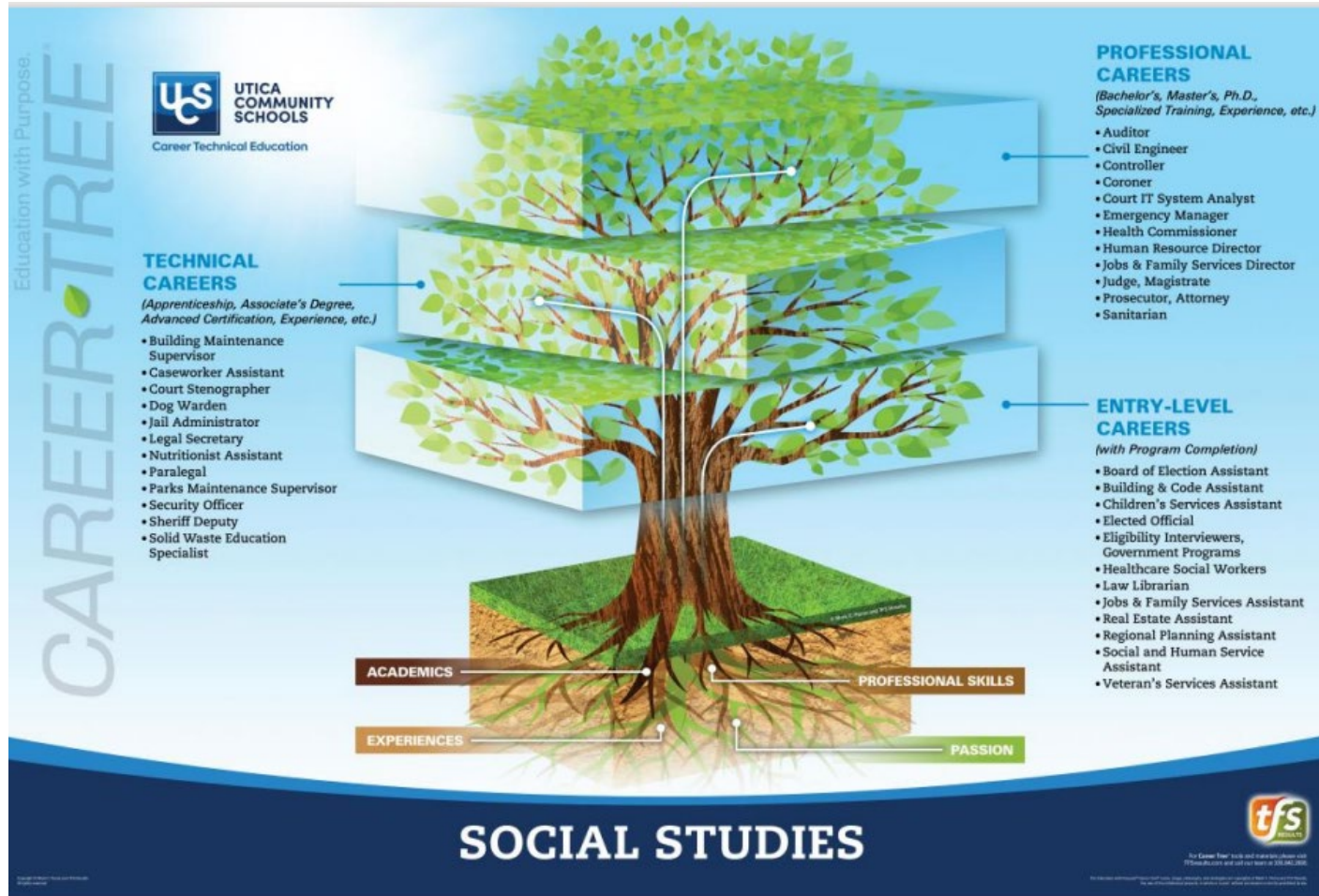
= Recommend taking Chemistry as a prerequisite

= Recommend taking Physics as a prerequisite

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Course Name	Course Code	Credits	Grade Level	Codes	Description
Science 7	D027	1.0	7		This course is an exploratory science course that seeks to answer phenomena in the world around us. This course is designed to build students' curiosity of the world and increase their confidence in solving problems through questioning, investigating, and communicating their findings with a scientific community.
Science 8	D028	1.0	8		This course is an exploratory science course that seeks to answer phenomena in the world around us. This course is designed to build students' curiosity of the world and increase their confidence in solving problems through questioning, investigating, and communicating their findings with a scientific community.
Biology	D020	1.0	9		Biology I follow the Michigan Merit Curriculum as determined by the MI Department of Education. Students develop science literacy through inquiry, application of knowledge and reflection. Students delve into the wonders of the science of life through lecture, labs, and other hands-on activities. This course aims to provide students with information and perspective.

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7 – 12 Social Studies Pathway

7	Ancient History			Accelerated Ancient History		
8	United States History 8	Accelerated United States History 8		<p style="text-align: center;">Human Geography Elective (<i>AP Human Geography</i>)</p> <ul style="list-style-type: none"> • The course name will change to AP Human Geography in the summer after 8th grade. • Students will receive a letter grade, GPA points with an additional 0.5, posted on High School transcript • Students may choose to have the course removed prior to the start of grade 9. 		
9	World History	AP World History: Modern		AP Human Geography (<i>Elective</i>)		
10	United States History			AP United States History		
11	United States Government (1 semester)	AP U.S. Government Politics		Economics (1 semester)	AP Economics	
Electives Grades 11 - 12	AP Comparative Government & Politics (1 semester)	AP European History	Psychology (1 semester)	AP Psychology	Sociology (1 semester)	Intro to Leadership Theories and Concepts* (1 semester)

*=Course is Repeatable

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Course Name	Course Code	Credits	Grade Level	Codes	Description
Ancient History	C047	1.0	7		This course acquaints students with the relationship between people, the natural environment, and the necessity of global interdependence. Cultural diversity, population growth, human migration, environmental protection, food and energy distribution and human rights are examined. Basic concepts include latitude, longitude, boundaries, topography, climate, natural resources, and habitat. Geographical skills of map reading and plotting as well as graph interpretation are emphasized.
Accelerated Ancient History	C147	1.0	7		This course acquaints the student with the relationship between people, their culture, and connections made within the Eastern Hemisphere. Cultural diversity, population growth, human migration, cultural diffusion, physical geography, history, and modern-day issues are discussed within regions of the Eastern Hemisphere. Basic concepts include: how geography affects people and culture, how history is included in the understanding of regional people's, how modern day countries respond to issues affecting their own country and how to globally connect to the outside world, as well to improve the well-being of citizens from each country of the Eastern Hemisphere. This course deals heavily with charts, maps, graphs, primary and secondary sources and reading.
U.S. History	C048	1.0	8		The purpose of this course is to increase students' knowledge of American historical events. The course emphasizes the development of the United States through the study of people, places, events, and ideas. Students also examine major historical documents such as the Declaration of Independence and the Constitution of the United States. Social studies skills such as reading for the main idea, writing, and using maps, charts, and diagrams are stressed.
Accelerated U.S. History	C148	1.0	8		Accelerated History follows the same curriculum as the history course described above, with the addition of a more in-depth look at topics, additional reading and research into topics and more often using a compare and contrast format, which encourages higher level thinking in students. This course also researches colleges and leadership roles.

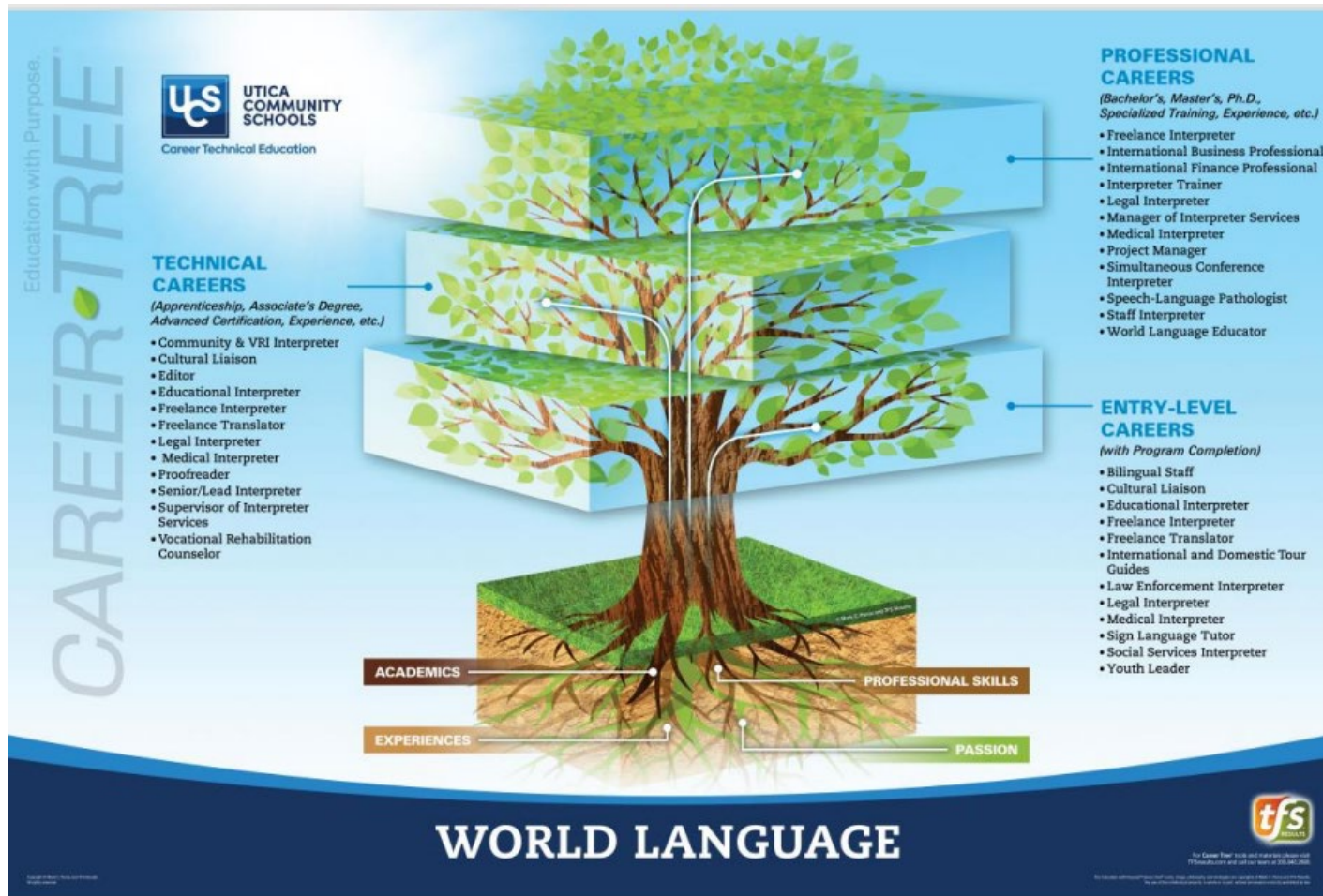
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Course Name	Course Code	Credits	Grade Level	Codes	Description
World History	C050	1.0	9	GR/MMC OLE 21f	The purpose of this World History Course is to increase students' knowledge of our world from Classical world to the present. Experiencing world history and understanding its relevance to the modern world is the goal of this course. Recognizing that students must develop an appreciation and understanding of the world's cultures and the growing interdependence of world regions, this course would seek to develop in the student a balanced multicultural perspective.
Advanced Placement (AP) World History	C051	1.0	9	GR/MMC OLE 21f	The AP World History course is an academic, yearlong course with an emphasis on non-Western history. The course relies heavily on college-level texts, primary source documents, and outside readings. Students will be required to participate in class discussions, and group and individual projects. Special emphasis will be given to historical writing through essays and document-based questions (DBQ). In addition, objective exams, simulations, and integrated computer-technology assignments will also be given.

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Course Name	Course Code	Credits	Grade Level	Codes	Description
Advanced Placement (AP) Human Geography	C080	1.0	8,9	21f	<p>This class is an academic, yearlong course designed to represent a systematic study of the earth & its inhabitants. Advanced Placement Human Geography mirrors a typical undergraduate level Introduction to Human Geography course and covers the following seven units; the geographic perspective; population; cultural patterns and processes; political organization of space; agricultural and rural land use; industrialization and economic development, and cities and urban land use. This course should help students understand how cultural, economic, and political systems relate to the distribution of human activities, the nature of places, and people's interaction with their environment. Note: If a course is taken in grade 8, the course name is Human Geography Elective. Refer to the UCS Graduation Requirements document for additional information.</p> <p>Students taking a high school course prior to entering high school will earn a letter grade for the course according to the UCS grading policy for high school students. The high school course will be placed on the high school transcript and the grade will count towards the Grade Point Average (GPA) and class ranking. Any student taking a high school course prior to grade 9 can have the course removed from their transcript and may retake the course if the following criteria is met. A parent or guardian must submit the UCS Request Form for Letter Grade and Credit Removal from Student Academic Record to the building principal prior to the first day of the student starting grade 9, requesting the course to be removed from the student's high school transcript and for the student to retake the course. Credits that are removed will act as if the course was never taken.</p>

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7 – 12 World Language Pathway

7	Exploratory Language (1 semester)			
8	Exploratory Language (1 semester)	German I <ul style="list-style-type: none"> • Students will receive a letter grade, GPA points, posted on high school transcript the summer after grade 8 • Students may choose to have the course removed prior to the start of grade 9. 	French I <ul style="list-style-type: none"> • Students will receive a letter grade, GPA points, posted on high school transcript the summer after grade 8 • Students may choose to have the course removed prior to the start of grade 9. 	Spanish I <ul style="list-style-type: none"> • Students will receive a letter grade, GPA points, posted on high school transcript the summer after grade 8 • Students may choose to have the course removed prior to the start of grade 9.
9	German I	French I		Spanish I
	German II <i>(Pre-Requisite: German I)</i>	French II <i>(Pre-Requisite: French I)</i>		Spanish II <i>(Pre-Requisite: Spanish I)</i>

10	German I	French I	Spanish I
	German II <i>(Pre-Requisite: German I)</i>	French II <i>(Pre-Requisite: French I)</i>	Spanish II <i>(Pre-Requisite: Spanish I)</i>
	German III <i>(Pre-Requisite: German II)</i>	French III <i>(Pre-Requisite: French II)</i>	Spanish III <i>(Pre-Requisite: Spanish II)</i>

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11	German I	French I	Spanish I
	German II <i>(Pre-Requisite: German I)</i>	French II <i>(Pre-Requisite: French I)</i>	Spanish II <i>(Pre-Requisite: Spanish I)</i>
	German III <i>(Pre-Requisite: German II)</i>	French III <i>(Pre-Requisite: French II)</i>	Spanish III <i>(Pre-Requisite: Spanish II)</i>
	German IV <i>(Pre-Requisite: German III)</i>	French IV <i>(Pre-Requisite: French III)</i>	Spanish IV <i>(Pre-Requisite: Spanish III)</i>

12	German IV <i>(Pre-Requisite: German III)</i>	French IV <i>(Pre-Requisite: French III)</i>	Spanish IV <i>(Pre-Requisite: Spanish III)</i>
	AP German Language and Culture	AP French Language and Culture	AP Spanish Language and Culture

UCS Seal of Global Language:

- 7 consecutive semesters of a World Language with an average GPA of 2.5 or higher in their language classes.
- Pass the AAPPL or OPI/WPT test
- Earn the college benchmark on the Reading and Writing portion of the SAT – Score of 480 or higher

EL students may test out of home language beginning in grade 8. Contact Teaching and Learning for further information.

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Course Name	Course Code	Credits	Grade Level	Codes	Description
Exploratory Language	F007	1.0	7,8		The focus of this course is on introducing the student to the foreign languages of French, Spanish, German, and Japanese. In addition to the essentials such as numbers, colors, greetings, and simple nouns, the student will be using their skills of reading, writing, speaking, and listening during all four languages. Additionally, this course includes the study of the various countries and cultures related to each of the language groups. This semester course is available only for those students who did not take it in the 7th grade.
French I	F010	1.0	8,9	GR/MMC 21f	French I is a study of the French language with equal emphasis on listening, reading, speaking, writing and culture. Learning will concentrate on bringing new vocabulary and grammar into meaningful communicative situations. Students will be introduced to the French-speaking people and their customs and traditions by means of video, audio, and computer technology. At the high school level, regular use of the language lab will be an integral part of the curriculum. Frequent listening activities will enhance students' ability to communicate in French. Cultural studies will include French cuisine, schools, family life, calendar, music, famous people, art, and geography. Refer to the UCS Graduation Requirements document for additional information. Students taking a high school course prior to entering high school will earn a letter grade for the course according to the UCS grading policy for high school students. The high school course will be placed on the high school transcript and the grade will count towards the Grade Point Average (GPA) and class ranking. Any student taking a high school course prior to grade 9 can have the course removed from their transcript and may retake the course if the following criteria is met. A parent or guardian must submit the UCS Request Form for Letter Grade and Credit Removal from Student Academic Record to the building principal prior to the first day of the student starting grade 9, requesting the course to be removed from the student's high school transcript and for the student to retake the course. Credits that are removed will act as if the course was never taken.
French II	F020	1.0	9	GR/MMC 21f	This class is a continuation of French skills with an emphasis on speaking and understanding French through vocabulary building and use of technology. Students will continue to develop proficiency in the areas of listening, reading, speaking, writing, and culture. Culture studies include Paris, French cuisine, music, transportation, geography and more. At the high school level, regular use of the language lab will be an integral part of the curriculum. <i>Prerequisite: French I</i>

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Course Name	Course Code	Credits	Grade Level	Codes	Description
German I	F110	1.0	8,9	GR/MMC 21f	This course is offered to all students and introduces the four language skills: listening, reading, speaking, and writing the German language. Students will learn to talk and write about themselves, their families, and their daily lives. German-speaking countries, their people and lifestyles are studied using a variety of authentic media such as film, advertisement, and maps. Students will practice speaking German in classroom activities. They will also be exposed to German songs, festivals, and foods. Cultural topics include the home life of German teenagers, clothing, school, and leisure time activities. At the high school level, regular use of the language lab will be an integral part of the curriculum. Refer to the UCS Graduation Requirements document for additional information. Students taking a high school course prior to entering high school will earn a letter grade for the course according to the UCS grading policy for high school students. The high school course will be placed on the high school transcript and the grade will count towards the Grade Point Average (GPA) and class ranking. Any student taking a high school course prior to grade 9 can have the course removed from their transcript and may retake the course if the following criteria is met. A parent or guardian must submit the UCS Request Form for Letter Grade and Credit Removal from Student Academic Record to the building principal prior to the first day of the student starting grade 9, requesting the course to be removed from the student's high school transcript and for the student to retake the course. Credits that are removed will act as if the course was never taken.
German II	F120	1.0	9	GR/MMC 21f	German II is a continuation of conversational German with emphasis on speaking, reading, writing and comprehending German. The goal is for students to be able to express their own opinions in spoken and written German. Guided conversations and a variety of communicative activities continue to improve students' pronunciation and comprehension. Topics include shopping, getting around German-speaking countries, and forms of entertainment, celebrations, and vacations. At the high school level, regular use of the language lab will be an integral part of the curriculum. <i>Prerequisite: German I</i>

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Course Name	Course Code	Credits	Grade Level	Codes	Description
Spanish I	F210	1.0	8,9	GR/MMC 21f	Spanish I is a beginning course providing elementary practice in speaking, listening, reading, and writing the Spanish language. There is a strong emphasis on oral communication and listening comprehension through the use of varied classroom exercises as well as the use of authentic audio and video sources. This course is interwoven with much interesting information concerning school life, social life, geography, customs, songs, and foods of the many Spanish-speaking countries. The importance of Spanish to a person living in the U.S., as well as career opportunities are also discussed. At the high school level, regular use of the language lab will be an integral part of the curriculum. Refer to the UCS Graduation Requirements document for additional information. Students taking a high school course prior to entering high school will earn a letter grade for the course according to the UCS grading policy for high school students. The high school course will be placed on the high school transcript and the grade will count towards the Grade Point Average (GPA) and class ranking. Any student taking a high school course prior to grade 9 can have the course removed from their transcript and may retake the course if the following criteria is met. A parent or guardian must submit the UCS Request Form for Letter Grade and Credit Removal from Student Academic Record to the building principal prior to the first day of the student starting grade 9, requesting the course to be removed from the student's high school transcript and for the student to retake the course. Credits that are removed will act as if the course was never taken.
Spanish II	F220	1.0	9	GR/MMC 21f	Students have an opportunity to develop their language skills through the continued balanced presentation of the four skills. More advanced reading passages, dialogues, and directed writings are utilized. Oral communication and listening comprehension continue to be a vital part of daily activities. Reading selections, class discussions, and videos portray a cross-section of Spanish culture including leisure time activities, family celebrations, clothing, school and daily life, health, shopping, travel, food, professions, and urban versus rural life. At the high school level, regular use of the language lab will be an integral part of the curriculum. <i>Prerequisite: Spanish I</i>

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 Career Technical Education

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(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Assistant Athletic Director
- Dental Assistant
- Exercise Science Professor
- Kinesiologist
- Massage Therapist
- Nutrition Coach
- Paramedic/EMT
- Physical Therapy Assistant
- Professional Athletic Sports Scientist
- Respiratory Therapist
- Sports Medicine Instructor
- Strength & Conditioning Specialist

PROFESSIONAL CAREERS
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Collegiate Athletic Trainer
- Chiropractor
- Dietician
- Exercise Physiologist
- MLB Certified Athletic Trainer
- Nutrition Program Specialist
- Occupational Therapist
- Physical Education/Health Teacher
- Physical Therapist
- Public Health Educator
- Sports Medicine Physician
- Sports Medicine Surgeon

ENTRY-LEVEL CAREERS
(with Program Completion)

- Assistant Athletic Trainer
- Fitness Instructor
- Fitness & Wellbeing Coordinator
- Medical Assistant
- Medical Equipment Sales Associate
- Occupational Therapy Aide
- Personal Trainer
- Pharmacy Technician
- Physical Therapy Aide
- Social Media Specialist
- Strength & Conditioning Coordinator
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7 - 12 Physical Education Pathway

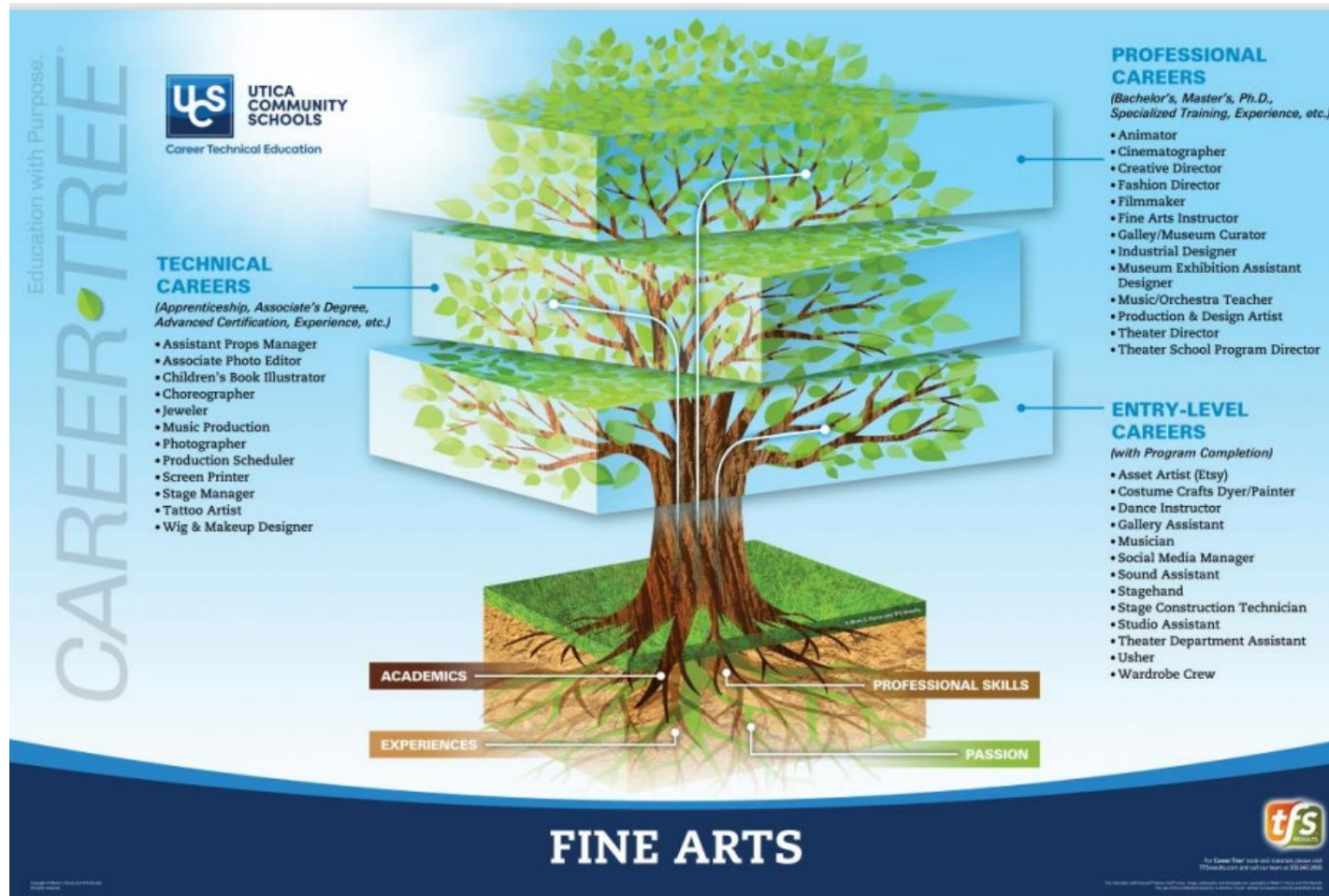
7	Physical Education/Health (1 semester)									
8	Physical Education 8 (1 semester)									
9	Physical Education (1 semester)					Health and Wellness (1 semester)				
10 – 12 <i>(Available at Eisenhower and Henry Ford II)</i>	Learn to Swim (1 semester)			Swim for Fun & Fitness* (1 semester)			Lifeguard Training* (1 semester) • Red Cross Swim Skills • 15 yrs. old by course completion		Water Games* (1 semester)	
10-12	Team Sports for Boys* (1 semester)	Conditioning for Athletes – Fall* (1 semester)	Weight Training and Fitness (1 semester)	Dance* (1 semester)	Aerobics* (1 semester)	Lifetime Leisure Activities* (1 semester)	Personal Fitness for Life* (1 semester)	First Aid and Safety (1 semester) • Cannot be used to fulfill PE requirement	Health and Wellness (1 semester)	
	Team Sports for Girls* (1 semester)	Conditioning for Athletes – Spring* (1 semester)	Weight Training and Fitness for Girls* (1 semester)							
11-12	Officiating Team Sports* (1 semester)					Advanced Weight Training and Fitness* (1 semester)				

*= Course is Repeatable

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Course Name	Course Code	Credits	Grade Level	Codes	Description
Physical Education/Health	M027	0.5	7		In health, students are introduced to decision making skills that will help them throughout life. Units of study include substance use and abuse, emergency care, quackery and consumerism, infectious and non-infectious diseases, social, physical, mental, emotional health, and systems of the body. Students study various aspects of physical education including basketball, volleyball, softball, soccer, aerobics, and other leisure time activities.
Physical Education 8	M028	0.5	8		In this exploratory program, students become acquainted with activities which include floor hockey, football, volleyball, basketball, badminton, softball, track, soccer, and many other facets of physical education that lead to lifelong leisure activities.
Health and Wellness	M010	0.5	9	GR/MMC	This one semester required course is to be taken before high school graduation and provides students with information that will enable them to make healthy decisions, define wellness, and deal with various health problems. Topics will include community health services, substance abuse, mental health, chronic and communicable diseases including AIDS and other STD's, personal safety, reproduction, and human growth and development.
Physical Education	M020	0.5	9	GR/MMC	By participating in team and lifetime activities, students will better understand that physical activity is an important part of a healthy lifestyle. Students will learn the rules, skills, strategies, and etiquette appropriate for each activity. Activities may include soccer, speedball, flag football, field hockey, badminton, racquetball, team handball, volleyball, basketball, floor hockey, other recreational activities, and aquatics. Students participate in aerobic activities and each student's individual level of physical fitness is assessed.

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7 – 12 Art Pathway

7	Introduction to Art (1 semester)	Introduction to Drawing and Design (1 semester)			
8	Introduction to Art (1 semester)	Introduction to Drawing and Design (1 semester)	Introduction to Sculpture and Design (1 semester)	Introduction to Photo and Film (1 semester)	
9			Introduction to Sculpture and Design (1 semester)	Introduction to Photo and Film (1 semester)	Art Foundations

9	Drawing	Painting		Sculpture		Multi-Media (Digital Art)	Film Making (Video Production)		Photo 1					
10	Drawing	Painting		Sculpture		Multi-Media (Digital Art)	Film Making (Video Production)		Photo 1		AP Art History			
11	Drawing	Painting	Portfolio Prep Drawing and Painting (1 semester)	Sculpture	Portfolio Prep Sculpture (1 semester)	Multi-Media (Digital Art)	Film Making (Video Production)	Advanced Studio Film (Advanced Video Making)	Photo 1	Adv. Photo	AP Art History	AP 2-D Studio	AP 3-D Studio	AP Drawing Studio
12	Drawing	Painting	Portfolio Prep Drawing and Painting (1 semester)	Sculpture	Portfolio Prep Sculpture (1 semester)	Multi-Media (Digital Art)	Film Making (Video Production)	Advanced Studio Film (Advanced Video Making)	Photo 1	Adv. Photo	AP Art History	AP 2-D Studio	AP 3-D Studio	AP Drawing Studio

Note: Ceramics – Pilot at Stevenson – Shared Time (10-12) – 1 semester

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Course Name	Course Code	Credits	Grade Level	Codes	Description
Introduction to Art	L018	0.5	7,8		This class helps develop drawing skills using nature, figures, still life, and perspective studies. The student will gain an understanding of composition by working with the elements of art: color, line, space, shape, texture, value, and form; and the principles of art: balance, variety, movement/rhythm, harmony/unity, proportion, contrast (size) and emphasis. The class will provide training and experience in painting, printmaking, lettering, sculpture, pottery, and/or technology. A sketchbook containing outside assignments will be kept to help the student develop sequential thought processes, and creative ideas. This semester course is available only for those students who did not take it in the 7th grade.
Introduction to Drawing and Design	L025	0.5	7,8		Did you every say, “I can’t draw a straight line” or “I don’t know how to draw”? This course is designed to teach you the ‘tricks’ of drawing. What an artist inherently knows about looking, seeing, and spatial relationships can be learned. The right side of the brain is the creative side. By learning to tap this creativity, anyone can learn to draw better. The book <u>Drawing on the Right Side of the Brain</u> , by Betty Edwards, is used as the main resource for this class. By practicing the techniques learned in this class and studying other artists’ work, anyone can become more skilled at drawing, the beginner as well as the advanced artist. Methods of drawing include contour, spatial relationships, and proportional relationships. This semester course is available only for those students who did not take it in the 7th grade.
Introduction to Photo and Film	L078 or L079	0.5	8,9	VPAA	This course is an in-depth study of digital photography and digital video/editing concepts. During the course students will address a variety of issues and demands that prepare students for ongoing 21 st Century Skills using Digital Technology. Students will be asked to demonstrate their understanding of digital technologies using digital camera, digital video, and computers for digital editing of both the photographs and videos. This semester course is available only for those students who did not take it in the 8th grade.
Introduction to Sculpture and Design	L028 or L039	0.5	8,9	VPAA	Introduction to Sculpture and Design is a semester course which provides students with an environment to explore the Elements of Art and Principles of Design through various media, including but not limited to, ceramic arts, fiber arts, jewelry and assemblage. Students will explore styles and concepts of current and historic artists while discovering their own identity. This course is recommended for students who have an interest in learning and improve upon their three-dimensional art skills. This course will prepare students for pathways for future courses. Students will explore art history, art in society, and art careers. This semester course is available only for those students who did not take it in the 8th grade.

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Course Name	Course Code	Credits	Grade Level	Codes	Description
Art Foundations	L020	1.0	9	VPAA	Students will gain an understanding of composition by working with the Elements of Art and Principles of Design. This class will provide training and development in a variety of media which includes, but is not limited to drawing, painting, printmaking, sculpture, and digital art. Sculpture can include, but is not limited to, ceramic arts, fiber arts, jewelry and assemblage. This course helps develop drawing and design skills using nature, figures, still-life, and perspective studies. Design, composition, and vocabulary will engage and enhance students in critical thinking, problem solving, and application. The study of art history and its impact on contemporary life will enhance each student's cultural awareness while preparing students for a productive career in art. Students will have the opportunity to enter local, state, and/or national competitions and exhibit their artwork.

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7 – 12 Instrumental and Vocal Music Pathway

7	Band 7				Vocal 7/8 (1 semester)		
8	Band 8		Jazz Band		Vocal 7/8 (1 semester)		
9	Band 9		Jazz Band		Fundamentals of Music		Mixed Chorus
10 – 12	Fundamentals of Music	Concert Band*	Varsity Band*	Symphonic Band*	Instrumental Solo Ensemble*	Jazz Band*	AP Music Theory
10 – 12	Mixed Chorus*		Mixed Chorus Audition*		Women’s Choir Audition*		Vocal Solo Techniques*

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Please Note: In order to participate in Marching Band (not including Color Guard), you must be enrolled in one or more of the performing instrumental music classes.

Course Name	Course Code	Credits	Grade Level	Codes	Description
Band 7	J017	1.0	7		This course is available to any seventh grader who wishes to learn a band instrument. Band gives students the opportunity to learn and understand musical notes, symbols, and terms, and a chance to develop proficiency on their musical instruments which will benefit their performing and listening ability. Members of this group are expected to develop and refine those skills that will lead to advancement into the 8 th grade band. All members are expected to practice regularly and give their utmost dedication to the group. All members are required to attend all performances.
Band 8	J018	1.0	8		Band gives students the opportunity to learn and understand musical notes, symbols and terms, and a chance to develop proficiency on their musical instruments. Members of this group are expected to develop and refine those skills that will lead to advancement into the 8 th grade band. All members are expected to practice regularly and give their utmost dedication to this group. Prior musical instrument training is required for any seventh grader who would like to take this class. All members are required to attend all performances.
Band 9	J020	1.0	9	VPAA	This course deals with methods and fundamentals that follow closely with requirements for admissions into instrumental groups at the high school level. Band affords students an opportunity to improve their skills, to acquire the techniques of ensemble playing, and to perform in concerts, band festivals, homecoming parades, and pep assemblies. All members are required to attend all performances.
Jazz Band	J078 or J070	1.0	8,9	VPAA	Jazz Band is a full year course that is a performing group that will consist of instrumental students who wish to perform various styles of music. Improvisation will be a main component of this class. Because this is a performing group, members will be required to attend all rehearsals and performances. All members are required to attend all performances.
Fundamentals of Music	J090	1.0	9		This course is a combination of Elements of Music and Beginning Band. The student learns the fundamentals of music theory, music appreciation and/or music history, and may also learn the basics of two band instruments. This course is highly recommended for those interested in pursuing a musical career.

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Course Name	Course Code	Credits	Grade Level	Codes	Description
Vocal Music	J138	0.5	7,8		Vocal Music offers students a chance to perform and enjoy group singing. Students study singing, choreography, and musical theory. All members are required to attend all performances. Course may be repeated each semester in grades 7 and 8.
Mixed Chorus	J130	1.0	9	VPAA	This group sings a varied selection of music ranging from pop to classical. It is a course designed for those who enjoy singing. Several concerts are performed throughout the year. Students study singing, choreography and musical theory. All members are required to attend all performances.

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Junior High Schools Pre-CTE Pathway

7	Digital Literacy and Media Design (DLMD) (Semester 1)		Computer Science Discoveries I (CSD I) (Semester 1)		Exploratory Design and Engineering I (EDE I) (Semester 1)	
			Computer Science Discoveries II (CSD II) (Semester 1)			
8	Computer Science Discoveries I (CSD I) (Semester 1)		Exploratory Design and Engineering I (EDE I) (Semester 1)		Exploring Life Skills (Semester 1)	Wood 8 (Semester 1)
	Computer Science Discoveries II (CSD II) (Semester 1)		Exploratory Design and Engineering II (EDE II) (Semester 1)			
9	Exploratory Design and Engineering II (EDE II) (Semester 1)	CTE AP Computer Science Principles <i>(shared time)</i>	General Business	Life Skills	Woodworking	Introduction to Construction Trades <i>(shared time)</i>

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Course Name	Course Code	Credits	Grade Level	Codes	Description
Digital Literacy and Media Design	B947	0.5	7		Digital Literacy & Media Design is recommended to have a semester long foundational course to be taken in 7 th grade. Students will learn digital citizenship principles and apply that knowledge through the strategic use of digital media. This course will provide students with the opportunity to work collaboratively to enhance their understanding of communicating ideas through digital displays of information. Students will integrate and evaluate content presented in diverse formats and media, including visually and quantitatively, as well as in words.
Computer Science Discoveries I	E230	0.5	7,8		Computer Science Discoveries I is a one semester introductory computer science survey course targeted at grades 7-8. The course takes a wide lens on computer science by covering topics such as digital footprints, intellectual property, programming, JavaScript, and HTML/CSS. Students are empowered to create authentic artifacts and engage with Computer Science as a medium for creativity, communication, problem solving, and fun. Computer Science Discoveries I will explore the problem-solving process and the different ways humans and computers solve problems, discover the languages powering the web by building websites in HTML and CSS using Web Lab, and learn the foundational programming languages by building interactive animations and games in JavaScript using Game Lab. Implementation of this course will create a natural pathway for students to enroll in high school computer science courses. This semester course is available only for those students who did not take it in the 7th grade.
Computer Science Discoveries II	E330	0.5	7,8		Students are empowered to create authentic artifacts and engage with Computer Science as a medium for creativity, communication, problem solving, and fun. Computer Science Discoveries II is a continuation of Computer Science Discoveries I and will follow the design process to identify and empathize with problems faced by a target audience by prototyping an app using App Lab. Students will develop binary representations of different kinds of information. They will collect, analyze, visualize, and make automated decisions using data. Finally, students will explore the relationship between hardware and software while building interactive projects using Adafruit's Circuit Playground. Implementation of this course will create a natural pathway for students to enroll in high school computer science courses. This semester course is available only for those students who did not take it in the 7th grade. <i>Prerequisite: Computer Science Discoveries I</i>

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Course Name	Course Code	Credits	Grade Level	Codes	Description
Advanced Placement (AP) Computer Science Principles	E190	1.0	9	VPAA	Advanced Placement Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. <i>Maybe located at a differed school.</i>
Exploratory Design and Engineering I	I227	0.5	7,8		This introductory course is designed for students who have an interest in drawing, design, and engineering. The course will provide students with fundamentals and an appreciation for the basic knowledge of mechanical, architectural, and engineering design. This course encompasses proper lettering, use of measuring scales, use of design equipment, single, multi view and isometric drawings, and basic residential design. The Engineering Design Process will be followed as students identify, analyze, predict, and test solutions to problem-based projects. The students will analyze and interpret data, construct explanations, and design solutions. This course will provide students a foundation for the Design & Engineering and Architecture programs at the high school.
Exploratory Design and Engineering II	I337 or I339	0.5	8,9	VPAA	Exploratory Design and Engineering II will be a project-based course which will focus on skills math, science, technology, and engineering as it applies to electric vehicles. The course will provide students with fundamentals and an appreciation for electronics, sources of energy, and mechanical design. The students will further their drafting and design skills acquired in Exploratory Design and Engineering I (EDE I). The course will encourage students to seriously consider the CTE and STEM options that exist in high school. This semester course is available only for those students who did not take it in the 8th grade. <i>Prerequisite: Exploratory Design and Engineering I</i>
Wood 8	I018	0.5	8		This is a co-educational course designed to teach the principles of safety in the woodshop and the basic skills of woodworking with hand tools. These principles and skills are addressed through informational text, worksheets, lectures, and demonstrations. This course incorporates the use of mathematical skills and measurement skills. Woodshop requires proper attire.

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Course Name	Course Code	Credits	Grade Level	Codes	Description
Woodworking	I010	1.0	9	VPAA	Students will participate in a 40-week class that explores both beginner and advanced woodworking techniques. This class will focus on general shop safety, measuring, tool identification, design features, properties of wood and wood selection, and finishing techniques. These principles and skills will be addressed by informational text, worksheets, lectures, and demonstrations. The students will be using both hand woodworking tools and power tools to construct their projects. Projects include cutting board, bean bag toss game, side table, and chest or Adirondack chair. Students will also have the opportunity to design and build a project of their choice.
Introduction to Construction Trades	V390	1.0	9	VPAA	This course is designed for grade 9 junior high students to provide insight and experience in the construction trades industry. Students will participate in entry level aspects of the construction process. The class supports students' future educational and career aspirations in the construction trades industry. <i>Course located at Davis Junior High School</i>
Exploring Life Skills	K118	0.5	8		Life Skills promotes a positive self-esteem to guide students toward effective living. Students will explore career pathways, goal setting, success skills and develop a presentation to be shared in a tradeshow format. This course includes academic links and study skills. Student success is enhanced through the use of hands-on projects and cooperative learning experiences.
Life Skills 9	V285	1.0	9	VPAA	The Life Skills department recognizes the importance of promoting the growth of the total individual: physical, intellectual, emotional and social. It provides instruction that will enable students to improve the quality and stability of their lives in an ever-changing society. Life Skills, a career and technical education course, explores a variety of areas such as nutrition and foods, and parenting and child development.
General Business	G010	1.0	9		General Business is a one-year course that is an introduction to the business world through various units of study. These units include business ownership, banking, credit, insurance, advertising, social security, accounting, clerical jobs, job seeking and business-oriented careers.