



DAVENPORT
Community Schools
GROWING EXCELLENCE

2024-2025 COURSE GUIDE



DAVENPORT CENTRAL
HIGH SCHOOL



DAVENPORT WEST
HIGH SCHOOL



DAVENPORT NORTH
HIGH SCHOOL



MID CITY
HIGH SCHOOL



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Growing Excellence

www.davenportschools.org

Davenport Community School District
1702 North Main Street, Davenport, IA 52803
(563) 445-5000

Our Mission

The Davenport Community School District is dedicated to growing excellence in academics, the arts and athletics for every child by ensuring the highest-quality education in an environment shaped by our diverse community, preparing our students to be life-long learners and productive citizens.

Our Vision

Education that challenges conventional thinking, prepares all students to compete in a global society, and inspires our students, parents, staff, and community to answer the question, "What if?"

Our Guiding Principles

- Opportunity: We provide abundant opportunities to empower students to reach their full potential academically, creatively and socially.
- Collaboration: We foster an environment that allows students, families and community stakeholders to come together for the betterment of our students' education and future.
- Transparency: We share relevant and important information with our students, families and the community to maintain open and productive communication.

Superintendent - Mr. T.J. Schneckloth

Director of Learning and Results- Ms. Diane Campbell

Instructional Leadership Directors - Dr. Willie Barney, Mr. Ben Driscoll, and Mr. Jon Flynn

Board of Directors

Mr. Daniel Gosa, President

Ms. Karen Kline-Jerome, Vice-President

Mr. Bruce Potts

Dr. Allison Beck

Ms. Linda Hayes

Mr. Kent Paustian

Mr. W. Kent Barnds

Davenport Community High Schools

Central High School

1120 Main Street

Mr. Brian Ehlinger - Principal

<http://www.davenportschools.org/central/>

Mid City High School

3801 Marquette Street

Ms. Breelyn Seifert - Principal

<http://www.davenportschools.org/midcity/>

North High School

626 West 53rd Street

Mr. Jay Chelf - Principal

<http://www.davenportschools.org/north/>

West High School

3505 West Locust Street

Ms. Cory Williams - Principal

<http://www.davenportschools.org/west/>



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August 2023

Dear Parents and Students,

The Davenport Community School District high schools provide an outstanding range of course offerings that include Advanced Placement courses, career pathways, and concurrent enrollment where a student can earn both high school and college credit.

This course guide provides information about academic courses and scheduling. The majority of the courses within this guide are offered during the school year. If there is insufficient enrollment or scheduling limitations some courses may not be offered, while others may have limited enrollment or will be closed to new enrollment. Guidance counselors and other educators can provide you with additional information about course availability.

Davenport Community Schools high school students benefit from a strong partnership between our high schools and Scott Community College. If there is a course you are interested in taking that is not available at your high school, please contact your guidance counselor to determine if there is an opportunity available to enroll in the course at one of our other high schools or through the Scott Community College partnership.

Parents/Guardians and students are encouraged to review the course offerings together throughout your high school career. As an alumni of Davenport Community Schools I can assure you that with a thoughtful selection of courses you will be well prepared for the challenges and opportunities that await you beyond high school.

The Davenport Community School District cares about you and your future.

Sincerely,

TJ Schneckloth
Superintendent

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Davenport Schools Graduation Requirements

Davenport Community Schools requires 26 units of credit, in the following educational courses, to graduate from high school with a standard diploma. Each term of a course earns 0.5 units of credit.

Language Arts	4 units of credit or 8 term courses, which must include a minimum of coursework in: <i>English/Language Arts Grade 9, English/Language Arts Grade 10, English/Language Arts Grade 11, Writing, and an LA Elective</i>
Mathematics	3 units of credit or 6 term courses, which must include a minimum of coursework in the domains of: <i>Algebra, geometry, trigonometry, statistics, probability, and discrete mathematics</i>
Science	3 units of credit or 6 term courses, which must include a minimum of coursework in: <i>Physical Science (Physics and Chemistry), Life Science (Cellular and Environmental), Earth and Space Science</i>
Social Studies	3 units of credit or 6 term courses, which must include a minimum of coursework in: <i>Geography, US History, Economics, Behavioral Science, and Political Science</i>
Financial Literacy	0.5 unit or 1 term course
Physical Education	2 units of credit or 4 term courses, which must include a minimum of coursework in: <i>1 term of PE course each school year AND Foundations of Physical Education as the freshman year course required for class of 2026 and beyond</i>
Health Education	0.5 units of credit or 1 term course, <i>to include instruction in CPR/AED</i>
Electives	10 units of credit or 20 term courses

For a graduation worksheet for the standard diploma and example schedules by year, please see [this Google Sheet here](#).

All students will begin to build their four year plan for graduation in 8th grade when signing up for classes. Each year, this course plan will be reviewed with each student.

Additionally, beginning in the second term of their fourth year of high school, students become eligible to apply for the Core Diploma graduation plan.

The purpose of the core diploma program is to address the need for students who have met the minimum graduation requirements of Iowa Code ([Iowa Code 281.12](#)), but due to extenuating circumstances will not be able to complete the requirements of the standard diploma. The DCSD Core Diploma is for seniors only who meet the requirements and will lead to graduation as part of their postsecondary plans. The Core Diploma is not an early graduation solution.

The Core Diploma program must include:

Graduation Requirements: DCSD Core Diploma		
COURSE	Required Courses*	# of CREDITS
English Language Arts	English/Language Arts Grade 9, English/Language Arts Grade 10, English/Language Arts Grade 11, Writing, and an LA Elective	4 units of credit
Mathematics	Minimum of coursework in the domains of: Algebra, geometry, trigonometry, statistics, probability, and discrete mathematics	3 units of credit
Science	Minimum of coursework in the domains of: Physical Science (Physics and Chemistry) Life Science (Cellular and Environmental) Earth and Space Science	3 units of credit
Social Studies	US History, US Government, World studies, Economics, Behavior Science	3 units of credit
Health Education	To include CPR/AED training	0.5 units of credit
Physical Education	Foundations of PE, to be required in the 2026-2027 school year (with their cohort) and 1.5 credits of any other PE course.	2 units of credit
Financial Literacy		0.5 units of credit
Elective		1 unit of credit
	Total:	17 units of credit

**Courses listed may be substituted for higher level or honors courses that fulfill the same credit type. Please refer to the rest of this course guide or My Academic Plan on Infinite Campus - Student Portal for a full list of courses that would be sufficient for requirements.*

Speciality High School Programs

Davenport Community School District is proud to offer a diversity of high-level experiences for our high school students. Each of these speciality programs lives at a specific high school, in accordance with the table below. Students are strongly encouraged to attend the school that offers the best choices for them and their future goals.

Davenport Central High School	Davenport Mid City High School
<p>The Creative Arts Academy (CAA) hosted at Davenport Central High School uncovers and develops the various artistic potentials of students by cultivating interest in creative fields and assisting students with post-secondary options.</p> <p>Students complete an application process for high school entrance into the CAA prior to their junior year. Please see http://creativeartsacademyqc.weebly.com/ for more information.</p> <p>Creative Arts Academy courses are denoted with their course classification key.</p>	<p>Our alternative high school program at Davenport Mid City High School offers students who choose to attend many additional supports through smaller class sizes and targeted focus on social and emotional issues.</p> <p>Courses at Davenport Mid City High School can be taken face to face or in a fully online setting. Courses available through the online school are denoted by course numbers that begin with “OL” throughout the course guide.</p>
Davenport North High School	Davenport West High School
<p>The Accelerated Associates of Arts Degree Academy hosted at Davenport North High School allows students the opportunity to earn their AA Diploma from Eastern Iowa Community College while also earning their High School Diploma from Davenport Schools.</p> <p>Applications must be completed prior to the start of the high school experience. Reach out to your student’s middle school counselor for more information and next steps.</p> <p>Accelerated AA program courses are denoted using their course classification key.</p>	<p>The Career and Technical Education (CTE) Career Academy hosted at Davenport West High School offers the CTE Capstone Programs for all career pathways.</p> <p>Students who have successfully completed their prerequisite course for their career pathway can find their application for their CTE Capstone course at www.tinyurl.com/DavenportCTE.</p> <p>CTE Program courses are denoted using their course classification key.</p>

Please note that students who choose to attend a school outside of their attendance school will need to apply on the transfer option form. More information can be found here:

<https://www.davenportschools.org/district/enrollment-and-registration/transfer-options/>

Information for Life After High School

Board of Regents, State of Iowa

Freshman Admission Requirements to the Regent Universities

Admission of freshmen who wish to enroll at any of the Iowa Regent universities beginning Fall 2009 and beyond will be based on the Regent Admission Index (RAI) equation described below. In addition, applicants must meet the minimum high school course requirements for the university they wish to enter.

$$\begin{aligned} & (2 \times \text{ACT composite score}) \\ & + (1 \times \text{percentile high school rank}) \\ & + (20 \times \text{high school GPA}) \\ & + (5 \times \text{number of high school core courses}) \end{aligned}$$

REGENT ADMISSION INDEX SCORE

Note: For purposes of calculating the RAI, SAT scores will be converted to ACT composite equivalents, 99% is the top value for high school rank, 4.00 is the top value for GPA and the number of high school core courses completed is expressed in terms of years or fractions of years (e.g., one semester equals 0.5 year). Applicants who do not possess all required factors for the Regent Admission Index Score will be evaluated on an individual basis by the Regent universities to which they apply. Freshman applicants from Iowa high schools who achieve at least a 245 RAI score and who meet the minimum number of high school courses required by the Regent universities will qualify for automatic admission to any of the three Regent universities.

Freshman applicants who achieve less than a 245 RAI score may also be admitted to a specific Regent university; however, each Regent university will review these applications on an individual basis and the admission decision will be specific to each institution. Freshman applicants from approved high schools in other states may be held to higher academic standards, but must meet at least the same requirements as graduates of Iowa high schools. The Regent universities recognize that the traditional measures of academic performance do not adequately describe some students' potential for success. Therefore, the Regent universities strongly encourage all interested students to apply for admission. Applicants who feel their academic record is not an accurate reflection of their potential for success are encouraged to provide supplemental information explaining their circumstances in addition to the application, academic transcripts and test scores.

For more information, please see the Board of Regents website here: <https://www.iowaregents.edu/>

National Association of Intercollegiate Athletes (NAIA)

National Association of Intercollegiate Athletes (NAIA): <http://naia.cstv.com/>

If you will graduate from high school this spring and enroll in college this coming fall, the requirements are simple. An entering freshman must be a graduate of an accredited high school or be accepted as a regular student in good standing as defined by the enrolling institution and meet two of the three following requirements:

1. Achieve a minimum of 18 on the Enhanced ACT or 860 on the SAT.
2. Achieve a minimum overall high school grade point average of 2.0 on a 4.0 scale.
3. Graduate in the top half of your high school class.

If as an entering freshman you do not meet at least two of the three standards, you cannot participate in athletics for the first full year of attendance (2 semesters, 3 quarters, or equivalent).

Below is a listing of Iowa Colleges who require students to meet NAIA eligibility requirements to play sports for their school. For entire listing, visit: <http://naia.cstv.com/member-services/about/members.htm>

Iowa Wesleyan College, Mount Pleasant, IA
Saint Ambrose University, Davenport, IA
Waldorf College, Forest City, IA
William Penn University, Oskaloosa, IA
Northwestern College, Orange City, IA
Mount Mercy College, Cedar Rapids, IA
Morningside College, Sioux City, IA
Grand View University, Des Moines, IA Dordt
College, Sioux Center, IA
Graceland University, Lamoni, IA
Clarke College, Dubuque, IA
Briar Cliff University, Sioux City, IA
AIB College of Business, Des Moines, IA
Ashford University, Clinton, IA

NCAA Eligibility Requirements

Important Information about Division I and Division II Initial-Eligibility Changes

WHAT IS THE NEW RULE?

The new requirements increase the number of required core courses from 13 to 14. The additional course may come from any of the following areas: English, mathematics, natural/physical science, social science, foreign language, non-doctrinal religion or philosophy.

You will need to present 16 core courses in the following breakdown:

- 4 years of English
- 3 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (one must be a lab science)
- 1 year of additional English, math, or science
- 2 years of social studies
- 4 years of additional core courses (from any area listed above, or from foreign language, non-doctrinal religion or philosophy)

What requirements do I need to be able to practice, play and get a scholarship at a Division I or Division II school?

You need to complete the following:

- Graduate from high school.
- Complete a minimum of 16 core courses.
- Present a minimum grade-point average (GPA) in those 16 core courses.
- Present a qualifying test score on either the ACT or SAT test.

REGISTER ONLINE!

Prospective student-athletes may register with the NCAA Initial-Eligibility Clearinghouse on-line. Simply go to the Initial-Eligibility Clearinghouse Web site by clicking [here](#) or on the clearinghouse link on the right side of this page. By registering on-line, prospects will be able to view their eligibility information on-line and will not have to call the clearinghouse for eligibility updates. On-line registration saves time and allows prospective student-athletes to view their eligibility status up to six weeks faster than through the paper registration process.

For more information related to the NCAA Initial-Eligibility Clearinghouse, please visit our website at: www.ncaaclearinghouse.net or call 1-877-262-1492 Mon-Fri, 8 am to 5 pm.

Community Colleges in Iowa

In accordance with Iowa Code, Community Colleges in Iowa are required to maintain an “Open-Door” admission policy which guarantees all Iowans an opportunity for educational assistance and career development regardless of previous educational attainment. The following schools are community colleges within the state of Iowa:

- Northeast Iowa Community College, <https://www.nicc.edu/>
- North Iowa Area Community College, <http://www.niacc.edu/>
- Iowa Lakes Community College, <https://iowalakes.edu/>
- Northwest Iowa Community College, <https://nwicc.edu/>
- Iowa Central Community College, <http://www.iccc.cc.ia.us/>
- Iowa Valley Community College, <http://www.iavalley.edu/>
- Hawkeye Community College, <http://www.hawkeyecollege.edu/>
- Eastern Iowa Community College, <http://www.eicc.edu/>
- Kirkwood Community College, <http://www.kirkwood.edu/>
- Des Moines Area Community College, <http://www.dmac.edu/>
- Western Iowa Tech Community College, <http://www.witcc.edu/>
- Iowa Western Community College, <http://www.iwcc.edu/>
- Southwestern Community College, <http://www.swccia.edu/>
- Indian Hills Community College, <http://www.indianhills.edu/>
- Southeastern Community College, <http://www.scciowa.edu/>

All concurrent courses within Davenport Community School District are currently in partnership with Eastern Iowa Community College.

Tri-City Building Trades Council

The Tri-City Building and Construction Trades Council is an association of the affiliated union crafts that represent skilled construction trades members who are involved in all aspects of building and construction in the Western Illinois and Eastern Iowa region.

Affiliated Unions include:

- Bricklayers Local 6
- Boilermakers Locals 60 & 83
- Carpenters Locals 4 & 237
- Painters, Glaziers, & Allied Trades Local 502, 676, 581
- Heat & Frost Insulators Local 81
- Ironworkers Local 111
- Millwrights Local 2158
- Operating Engineers Local 150
- Operative Plasterers & Cement Masons Local 18
- Plumbers & Pipefitters Local 25
- Electricians Local 145
- Roofers & Waterproofers Local 32
- Sheet Metal Workers Local 91
- Sprinkler Fitters Local 669
- Teamsters Local 371

More information all affiliated unions, their minimum requirements, and application process can be found on the Tri-City Building Trades Council website here: <http://www.tcbuildingtrades.com/>

Concurrent Course Admission Requirements

DCSD has several opportunities for students to take coursework that is eligible for both high school graduation credit and Eastern Iowa Community College credit.

Concurrent Students:

Students who are eligible for enrollment in courses that are taught on our campus by either a DCSD or EICC instructor, will be prioritized by those who need to complete a career pathway, as defined in this course guide. Tuition, books, and fees are handled through the normal billing and textbook processes.

Students are eligible to be considered for admission into concurrent courses if each of the following is true, as established by Senior Year Plus:

- Test proficient in Reading (English-Language Arts), Mathematics, and Science in the prior year's ISASP (for example, if a student is scheduled to take a concurrent enrollment course in 2022-2023, their Spring 2022 test data will be used).
- GPA of 2.5 in the corresponding discipline or CTE pathway **or** a cumulative high school GPA of 2.0, if no corresponding coursework exists.
- ACT or SAT assessment scores established by EICC in specific classes, as denoted in this course guide.

College Connections Individual Registration (CCIR):

Students are eligible to be considered for admission into CCIR courses if each of the following is true:

- A cumulative High School GPA of 2.5 or higher
- Proficient in **all areas** of their most recent ISASP.
- Completed course requirements for graduation in the pursuing subject area. Meaning, if a student wishes to take a math class in CCIR, they must, first, complete all graduation requirements for math.
- Full time student with DCSD
- Maintain a college GPA of 1.75 or higher
- Course is not offered on *any* DCSD campus OR all courses offered on DCSD campuses are at capacity.
- Offered CCIR outside of concurrent courses offered on DCSD Campuses can be found in its section below

If a student meets these requirements, they may talk to their counselor about registering for CCIR courses.

Final approval for all CCIR requests lies with their building principal, with the following limitations:

- No more than 2 CCIR courses per academic year, regardless of total credit hours of courses.
- DCSD is responsible for tuition, fees, and books. If students would like to keep their textbook at the end of the course, they are welcome to purchase it on their own.
- Students will be responsible for their own transportation to and from courses, which may be held on the various college campuses or online.
- If technology beyond the assigned Chromebook is required for coursework, students will be responsible for supplying those items.
 - Families can contact their high school counselors for potential support for technology.
 - Additionally, families can contact EICC for support with technology and should liaise with their student's assigned EICC Advisor

- No summer courses will be covered under this agreement.
 - Summer courses are offered under a separate agreement with EICC and will be communicated through high school counselors.

Dual Enrolled Students

Students who are enrolled with both DCSD and a college connection partner are first considered college students. Meaning, depending on the college partner, the gradebook and other reporting requirements may be separate from the DCSD system. Please refer to the Student and Parent Handbook for the appropriate program.

EICC College Connections handbook can be found here:

<https://eicc.edu/eicc-for/high-school-administrator-counselor/>

Accelerated Associate Degree Program

Students apply for the Accelerated Associate Degree Program, currently hosted at Davenport North High School, during their 8th Grade year. Updates and applications will be available from the Intermediate Counselors.



College Board Advanced Placement Courses

[AP Students College Board Guide](#)

The Benefits of Taking AP Courses & Exams



Stand Out to Colleges

"AP" on your high school transcript shows colleges you're motivated to succeed, and taking the exam demonstrates your commitment to tackle and complete college-level work.



Earn College Credit and Placement

Your AP score could earn you college credits before you even set foot on campus. In fact, most AP students who enroll in four-year colleges start school with some credit.

AP is for all students—but you should be ready.

You don't need to be top of your class to be an AP student, but you'll want to be prepared for the AP course you choose. Some AP classes have recommended courses you should take first, and all AP courses ask that you come willing to do your best work.

Check which courses could earn you college credit.

You can use our tool to find colleges' AP credit policies. Search by course or by institution to see the college credit or advanced placement you could earn with qualifying AP Exam scores. [More Details at this LINK.](#)

Advanced Placement (AP) Courses offered in Davenport Schools allow the option for students to take the corresponding AP Exam in May. The cost of each exam is paid for by district funds. Students must register for any desired exams with their AP Building Coordinator by the following deadlines:

For AP courses starting in terms 1 and 2 -- Deadline for Exam ordering is **November 10th**

For AP courses starting in term 3 -- Deadline for Exam ordering is **March 10th**

Academic Interventions and Credit Recovery

Davenport Community School District's mission is to provide all students with the support and access they need to be successful.

During the term that your student is enrolled in a course, you may find that they are assigned an "RTI" section of a class on your [Parent Portal](#). These RTI courses are academic interventions and are meant to be responsive, meaning, your student may change which RTI course they attend daily. The RTI courses are used in several ways:

- Guided Study courses that are meant to be used as quiet places for students to work independently on coursework.
- Extension courses are meant to be used for students who wish to extend their learning beyond the classroom taught material in a typical course.
- Content Support courses are those that are meant to be used for specific departments. Similar to a guided study, where students are to be working independently on coursework, they also facilitate questions from a specific teacher in that subject area.
- Intervention courses are designed to provide students with just-in-time added support on a specific learning target in a specific area. Generally, focused instruction or additional opportunities to demonstrate learning occur during these RTI courses.

If a student is not successful in demonstrating understanding of course standards within the timeframe of the term, efforts will be made to remediate the course, as efficiently as possible. Possible solutions could include:

- Credit Recovery Lab
- Summer School Placement
- Rescheduling of course face to face

If you have concerns about your student's success in their course, please contact the teacher of the course or your student's counselor. Both can be found on your [Parent Portal](#).

Course Classification Key

 <p>Regents Admissions Index (RAI) approved course</p>	 <p>Career Technical Education (CTE)</p>
 <p>Meets graduation requirement</p>	 <p>NCAA approved course</p>
 <p>Concurrent (Dual) Credit course</p>	 <p>College Board Advanced Placement course</p>
 <p>Project Lead the Way course</p>	 <p>Learning reported with Standards-Based Report Card</p>
 <p>Creative Arts Academy Course</p>	 <p>Dual Grad-Accelerated AA Degree Program</p>




English/Language Arts




Graduation Requirement: 4 units of credit or 8 term courses				
Suggested Pathways	Grade 9	Grade 10	Grade 11	Grade 12
Path 1	English 1	English 2	English 3	Capstone Experience: Senior Exhibition AND LA Elective
Path 2	Honors English 1	Honors English 2	AP English: Lang and Comp	AP English: Lit and Comp
Path 3	Honors English 1	Honors English 2	ENG105: Comp I+ AND SPC112: Public Speaking+	ENG106: Comp II+ AND LA Elective
Accelerated AA Program	Honors English 1	Honors English 2	ENG105: Comp I AND SPC112: Public Speaking	LIT101: Intro to Lit AND ENG106: Comp II




English/Language Arts Elective credit options				
Composition Electives	Written Communication	Creative Writing		
Speech Electives	Speech	Speech and Technology	Forensic Speech - Inclusive 1	
Literature Electives	Young Adult Literature	Contemporary Literature	Multicultural Literature	
Journalism Electives	Introduction to Journalism	Digital Journalism	Yearbook Lab	Newspaper Lab
Pilot Courses	HMH Into Literature 12			

*Taking all three of these courses will, currently, allow students to transfer to a Regent University in Iowa with their completed rhetoric requirements for their freshman year.

Graduation Requirement Course Descriptions




Course Name	English 1	  
Course Number	01001A, 01001B C01001A, C01001B OL01001A, OL01001B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">• Central• Mid City• North• West
Length	2 terms	
Prerequisite	None	
Course Description <p>This course uses a combination of classic and contemporary texts to build intellectual stamina and foster independence while developing skilled readers, writers, thinkers, and communicators. Students will produce argumentative, informative/explanatory, and narrative writing, and participate in a variety of speaking and listening experiences to express ideas clearly and persuasively. It will include strategic integration of vocabulary, conventions of language, research, multimedia, and technology. Students must complete this course successfully prior to taking sophomore, junior, and senior language arts courses. This course satisfies the LA 09 requirement for graduation.</p>		




Course Name	Honors English 1	  
Course Number	01001HA, 01001HB	
Credit	1 credit	
Length	2 terms	
Prerequisite	None	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Course Description <p>This course balances work with 9th grade short stories, poetry, informational texts, drama, and the novel while supporting students in their written and oral responses to what they read. Students will build knowledge, analyze ideas, delineate arguments, and develop writing, collaboration, and communication skills. This course works at a more accelerated pace than the traditional English 1 with emphasis on several longer pieces of texts. This course satisfies the LA 09 requirement for graduation.</p>		

Course Name	English 2	  
Course Number	01002A, 01002B C01002A, C01002B OL01002A, OL01002B	
Credit	1 credit	This year, this course can run

Length	2 terms	at: <ul style="list-style-type: none">● Central● Mid City● North● West
Prerequisite	English 1 or Honors English 1	




Course Description
This course digs into thought-provoking texts from both classic and contemporary genres. Provides students the reading, writing, speaking, listening, and language skills necessary for college and career readiness. Students will produce argumentative, informative/explanatory, and participate in a variety of speaking and listening experiences to express ideas clearly and persuasively. It will include strategic integration of vocabulary, conventions of language, research, multimedia, and technology. Students must complete this course successfully prior to taking junior and senior language arts courses. This course satisfies the LA 10 requirement for graduation

Course Name	Honors English 2	  
Course Number	01002HA, 01002HB	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	English 1 or Honors English 1	
Course Description <p>This course balances work with 10th grade short stories, poetry, informational texts, drama, and the novel while supporting students in their written and oral responses to what they read. Students will build knowledge, analyze ideas, delineate arguments, and develop writing, collaboration, and communication skills. This course works at a more accelerated pace than the traditional English 1 with emphasis on several longer pieces of texts. This course satisfies the LA 10 requirement for graduation.</p>		

Course Name	English 3	  
Course Number	01003A, 01003B C01003A, C01003B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none"> • Central • Mid City • North • West
Length	2 terms	
Prerequisite	English 2 or Honors English 2	





Course Description

This course uses long reads and other additional texts to provide diversity and complexity within classic and contemporary units. Students will dig deeper into thought-provoking texts and analyze, discuss and synthesize ideas with their peers. It will include strategic integration of vocabulary, conventions of language, research, multimedia, and technology. This course satisfies the LA 11 requirement for graduation.

Course Name	Capstone Experience: Senior Exhibition	  
Course Number	01004	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> • Central • Mid City • North • West
Length	1 terms	
Prerequisite	English 3 OR ENG105: Composition I	

Course Description





This course is designed for the student who would like to showcase their multifaceted body of work in English/Literature and serves as a culminating academic and intellectual experience. Students will complete a long term investigative project that culminates in a final product, presentation, or performance. Designed to encourage students to think critically, solve challenging problems, and develop skills such as oral public speaking, research skills, media literacy, teamwork, planning, self-sufficiency, or goal setting - i.e. skills that will help prepare them for careers and adult life. This course satisfies the LA 12 graduation requirement.

Course Name	<u>Advanced Placement (AP) Language & Composition</u>	   
Course Number	01005A, 01005B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none"> • Central • North • West
Length	2 terms	
Prerequisite	English 2 or Honors English 2	




Course Description





This is a college level course that focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situations, claims and evidence, reasoning and organization, and style. Additionally, students evaluate, synthesize, and cite research to support their arguments, as they read and analyze rhetorical elements and their effects in nonfiction texts,

including images as forms of text, from a range of disciplines and historical periods. This course satisfies the LA 11 graduation requirement.




Course Name	<u>Advanced Placement (AP) Literature & Composition</u>	   
Course Number	01006A, 01006B	
Credit	1 credit	
Length	2 terms	
Prerequisite	English 2 or Honors English 2	
Course Description This course is a college level course that emphasizes composition, literature and critical thinking. Special emphasis is critical writing and literary analysis of significant works. Literature is closely examined for its structure and meaning, with emphasis placed on independent analysis. Students' oral communication skills will be enhanced by various group and individual presentations. This course satisfies the LA 12 and LA Elective graduation requirement.		This year, this course can run at: <ul style="list-style-type: none"> • Central • North • West




English/Language Arts Elective Course Descriptions

Course Name	<u>Written Communication</u>	  
Course Number	01102 C01102 OL01102	
Credit	0.5 credit	
Length	1 term	
Prerequisite	English 2 or Honors English 2	
Course Description This course focuses on students' writing skills and developing their ability to compose different types of papers for a range of purposes and audiences. It will include critical-thinking skills that accompany good writing skills while emphasizing word choice, usage, and writing mechanics. This course enables students to explore and practice narrative, argumentative, or explanatory/informational styles as they write paragraphs, essays, letters, applications, research documented papers, or technical reports. This course satisfies the LA Elective graduation requirement.		This year, this course can run at: <ul style="list-style-type: none"> • Central • Mid City • North • West




Course Name	<u>Speech</u>	   
Course Number	011510	

	C011510 OL011510	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	English 2 or Honors English 2	
Course Description <p>This course is aimed at developing poise and confidence in group speaking situations. The course deals with the fundamentals of speaking and listening in everyday life. The student learns to organize and to present speeches before class audiences. Emphasis is placed on speaking, using different forms of organization and delivery.</p>		

Course Name	Speech and Technology	  
Course Number	011511	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	English 2 or Honors English 2	
Course Description <p>This is a beginning course aimed at developing poise and confidence in 21st century-focused speaking. The student learns to organize and to present speeches before class audiences, independently recorded, or demonstrated in small groups. Emphasis is placed on speaking while using different forms of organization and delivery through independent or collaboratively-created media rich products to be performed for a variety of audiences. This course will emphasize the use of digital media both inside and outside the class period.</p>		




Course Name	Forensic Speech - Inclusive 1	   This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Course Number	01152	
Credit	0.5 credit	
Length	1 term	
Prerequisite	English 2 or Honors English 2	
Course Description		

This course is designed for students who possess a high level of interest in public speaking skills. The course provides students with a variety of experiences that teaches self-discipline, leadership skills, creative thinking skills and effective writing and speaking skills. Tournament or contest participation outside the school day/week is required as a means of transferring the skills learned to an actual communication situation. Students interested in business, law, communications, or the science field would find this course the perfect companion to developing leadership skills.

Course Name	Creative Writing	  
Course Number	01104	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● Mid City ● North ● West
Length	1 term	
Prerequisite	English 2 or Honors English 2	




Course Description




This course is designed for students who are interested in producing a variety of creative written works. Creative writing will include the lens of popular culture with topics including television, film writing, adaptations, commercials, advertising, magazines, newspapers, comic books, song lyrics, billboards, and backs of cereal boxes. This course prepares creative writers for the evolving marketplace of electronic text and media; experience writing in varied media (e.g., internet, e-books, video games, mobile devices, emergency social narratives). Through guidelines provided by the instructor, students will participate in creative writing projects, resulting in the development of a personal anthology. This course involves individual as well as group learning experiences/projects.



Course Name	<u>Young Adult Literature</u>	  
Course Number	010610 C010610 OL010610	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● Mid City ● North ● West
Length	1 term	
Prerequisite	English 2 or Honors English 2	

Course Description

This course is designed to explore the genre of young adult literature through both independent reading as well as whole-class and small-group novels. Students will improve their critical thinking skills as they explore the underlying assumptions and values of the young adult genre. Students will reflect on their understanding of society's problems and culture as presented in this genre of literature. Written and oral responses are used to enhance the student's reading and analytical skills.

Course Name	Contemporary Literature	  
Course Number	01062 C01062 OL01062	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	English 2 or Honors English 2	
Course Description <p>This course is a thematically-designed course where modern issues are examined through various print and digital resources of varying lengths. Students improve their critical-thinking skills as they determine the underlying assumptions and values within the text read. Students reflect on the influence of societal events and social attitudes and compare the points of view of varying authors. Written and oral responses are used to enhance the student's reading and analytical skills.</p>		



Course Name	Multicultural Literature	  
Course Number	01061	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	English 2 or Honors English 2	
Course Description <p>Multicultural literature gives students a better understanding of both their own culture and beliefs and the cultures and beliefs of others by showcasing how people live in different parts of the world. Themes of family, belonging, and preservation will be discussed aiming at improving students’ critical thinking skills. Multiple genres will be analyzed including poetry, essay, biography, short story, drama, film, and so on. Students will determine the underlying assumptions and values within the selected works and examine the structure, techniques, and intentions of the genre being studied. Oral discussions will be an integral part of this course along with written compositions.</p>		




Course Name	Introduction to Journalism	 
Course Number	11101	




Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	None	




Course Description

Designed for students who are interested in journalism. Students expand their skills and information that are essential for reliable, accurate, and independent news reporting. This course addresses the fundamental skills associated with journalistic writing, and presents students with the essential issues facing journalism today. Students who successfully complete this course are granted permission to join publications staff.




Course Name	Digital Journalism	 
Course Number	11106 OL11106	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Introduction to Journalism	
Course Description <p>This course teaches students how the student newspaper and website are produced. Students develop their skills in writing news and feature stories, taking photos, and videos, designing pages, and publishing content to web and mobile devices. Students may join the newspaper staff and take Newspaper Lab after successful completion of the course.</p>		

Course Name	Newspaper Lab (A&B)	  
Course Number	11104NA1, 11104NA2, 11104NB1, 11104NB2	
Credit	0.5 credit per term, up to 2 credits	
Length	4 terms	
Prerequisite	Digital Journalism	
Course Description Designed for students who are editors, writers and photographers of the school newspaper and website. Students expand their basic journalism skills through writing, editing, design, and photography in the production of the newspaper. This course is available all year and may be repeated.		This year, this course can run at: <ul style="list-style-type: none">● West


Course Name	Yearbook Lab (A&B)	  
Course Number	11104YA1, 11104YA2, 11104YB1, 11104YB2	
Credit	0.5 credit per term, up to 2 credits	
Length	4 terms	
Prerequisite	Introduction to Journalism	
Course Description Designed for students who are editors and photographers for the yearbook. Students expand their basic journalistic skills through writing, editing, design and photography in the production of the yearbook. This course is available all year and may be repeated.		This year, this course can run at: <ul style="list-style-type: none"> • Central • Mid City • North • West


Course Name	HMH Into Literature 12	  
Course Number	01004B	
Credit	0.5 credits	
Length	1 term	
Prerequisite	Senior	
Course Description Through the study of various genres of British literature, students can improve their comprehension and develop the skills and strategies needed to determine an author's purpose and theme and to recognize the techniques used by the author to deliver his or her message. As students dig into thought-provoking texts and analyze, discuss and synthesize ideas with their peers, they're building a foundation of active learning. This course provides students the reading, writing, speaking, listening, and language skills necessary for college and career readiness. It will include strategic integration of vocabulary, conventions of language, research, multimedia, and technology. This course satisfies the LA 12 or LA Elective graduation requirement.		This year, this course can ONLY run at: <ul style="list-style-type: none"> • West


Concurrent Enrollment Courses

Course Name	Composition I	  
Course Number	ENG105	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	1 term	

Prerequisite	Honors English 2	<ul style="list-style-type: none"> • North • West
Course Description Composition I introduces students to the college-level writing process. Students will develop critical reading and thinking skills to analyze and evaluate information from diverse viewpoints. The course introduces documentation practices and information literacy skills. Students will write and revise at least four formal assignments and produce a minimum of 20 pages. This course can satisfy half of the LA 11 graduation requirement or LA elective requirement.		

Course Name	Composition II	
Course Number	ENG106	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North
Length	1 term	
Prerequisite	ENG105: Composition I	
Course Description <p>Composition II is a continuation of Composition I. Students will analyze, synthesize, and evaluate texts. Critical thinking skills, argumentation, writing style, and academic research, introduced in Composition I, will also be further developed in this course. This course satisfies the LA 12 or LA Elective graduation requirement.</p>		

Course Name	Public Speaking	
Course Number	SPC112	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	English 2 or Honors English 2	
Course Description <p>This course will assist the student in obtaining experience in public discourse. Upon completion of the course the student should be able to recognize and identify theories of public speaking. Students should be able to organize ideas, outline and provide support for informative persuasive extemporaneous speeches. Students should be able to acquire skills in audience analysis organization, delivery and critical listening and thinking. Each student should be able to demonstrate experience through practice, exercise and demonstrate experience through practice, exercise and delivery of a minimum of 30 minutes of graded speaking exercises. This course awards college credits. This course can satisfy half of the LA 11 graduation requirement or LA elective requirement.</p>		

Course Name	Introduction to Literature	
Course Number	LIT101	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● North
Length	1 term	
Prerequisite	ENG 105 AND Accelerated AA Program	
Course Description <p>This course is an introduction to the major literary genres: the short story, poetry, drama, and the novel. Emphasis is placed on formal, thematic, historical, cultural, and critical elements of literature, as well as the relationship between literature and the human condition. This course awards college credits. This course satisfies the LA 12 or LA Elective graduation requirement.</p>		


Mathematics

Graduation Requirement: 3 units of credit or 6 term courses			
	Unit 1	Unit 2	Unit 3
	<i>Students will choose one course from each column to meet graduation requirements.</i>		
Path 1	Algebra 1 Year Long Algebra	Geometry Honors Geometry Year Long Geometry	Probability and Statistics Algebra II Honors Algebra II
Path 2	<i>*student will have earned the first unit of mathematics credit by passing Algebra 1 prior to high school</i>	Geometry Honors Geometry Year Long Geometry	Probability and Statistics Algebra II Honors Algebra II

General Elective credit options			
Algebra Lab	Geometry Lab	Discrete Mathematics	Pre-Calculus
AP Statistics	AP Calculus		




Concurrent Enrollment General Elective credit options			
MAT110: Math for the Liberal Arts			




Graduation Requirement Course Descriptions

Course Name	Year Long Algebra ; Support Document	
Course Number	02052AYL, 02052BYL C02052AYL, C02052BYL	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	2 terms	
Prerequisite	Corequisite of Algebra Lab	




Course Description




This course is designed to work with Algebra Lab to allow students more time to work on Algebra priority standards. Students will work with the teacher to help with foundation Algebra skills in a Tier II and/or Tier III model along with extra practice of current Algebra skills being taught to reach mastery of Algebra standards. **This course satisfies the first of three Math credits for graduation.** A Texas Instruments TI-83+, TI84, or TI Nspire graphing calculator is recommended, which is available on the school issued Chromebook.

Course Name	Algebra 1	  
Course Number	02052A, 02052B C02052A, C02052B OL02052A, OL02052B	
Credit	1 credit	
Length	2 terms	
Prerequisite	N/A	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Course Description <p>This course extends students' knowledge and understanding of expressions, equations, inequalities, linear & exponential relationships, systems of equations, and quadratic functions. This course satisfies the first of three Math credits for graduation. A Texas Instruments TI-83+, TI-84, or TI Nspire graphing calculator is recommended, this is available on the school issued Chromebook.</p>		




Course Name	Year Long Geometry	  
Course Number	02072AYL, 02072BYL	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none"> • Central • Mid City
Length	2 terms	




Prerequisite	Algebra 1 or Honors Algebra 1 Corequisite with Geometry Lab	<ul style="list-style-type: none"> • North • West
Course Description This course is designed to work with Geometry Lab to allow students more time to work on Geometry priority standards. Students will work with the teacher to help with foundation Algebra skills and Geometry skills in a Tier II and/or Tier III model along with extra practice of current Geometry skills being taught to reach mastery of Geometry standards. This course satisfies the second of three Math credits for graduation. A Texas Instruments TI-83+, TI-84, or TI Nspire graphing calculator is recommended, which is available on the school issued Chromebook.		




Course Name	Geometry	  
Course Number	02072A, 02072B C02072A, C02072B OL02072A, OL02072B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	2 terms	
Prerequisite	Algebra 1 or Honors Algebra 1	
Course Description An integrated course in plane and solid geometry. This course is designed for the development of logical and deductive reasoning through the study and analysis of facts pertaining to various two and three dimensional figures. This course satisfies the second of three Math credits for graduation. A Texas Instruments TI-83+, TI-84, or TI Nspire graphing calculator is recommended, this is available on the school issued Chromebook.		

Course Name	Honors Geometry	  
Course Number	02072HA, 02072HB	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	2 terms	
Prerequisite	Algebra I or Honors Algebra I	
Course Description		

An integrated course in plane and solid geometry. This course is designed for the development of logical and deductive reasoning through the study and analysis of facts pertaining to various two and three dimensional figures. Students will go above and beyond the normal Algebra II course curriculum. **This course satisfies the second of three Math credits for graduation.** A Texas Instruments TI-83+, TI-84, or TI Nspire graphing calculator is recommended, this is available on the school issued Chromebook.

Course Name	Probability and Statistics	  
Course Number	02201A, 02201B C02201A, C02201B OL02201A, OL02201B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	2 terms	
Prerequisite	Geometry or Honors Geometry	
Course Description <p>This course extends students' knowledge and understanding of expressions, equations while exploring new concepts in Probability and Statistics. Statistic concepts include; random processes, single and double variable data. Probability concepts include; basic probability, probability rules, and counting techniques. This course satisfies the third of three Math credits for graduation. A Texas Instruments TI-83+, TI-84, or TI Nspire graphing calculator is recommended, this is available on the school issued Chromebook.</p>		

Course Name	Algebra 2	  
Course Number	02056A, 02056B C02056A, C02056B OL02056A, OL02056B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	2 terms	
Prerequisite	Geometry or Honors Geometry	
Course Description <p>This course is designed for students thinking about exploring a career in STEM. This course starts with students' prior knowledge of linear and quadratic equations from Algebra I and extends that to other math functions such as; Exponential, Logarithmic, Polynomial and Radical functions. Students will make connections between mathematical equations, graphs and their solutions. This course satisfies the third of three Math credits for graduation. A Texas Instruments TI-83+, TI84, or TI Nspire graphing calculator is recommended, this is available on the school issued Chromebook.</p>		



Course Name	Honors Algebra 2	  
Course Number	02056HA, 02056HB	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	Geometry or Honors Geometry	
Course Description <p>This course is designed for students thinking about exploring a career in STEM. This course starts with students' prior knowledge of linear and quadratic equations from Algebra I and extends that to other math functions such as; Exponential, Logarithmic, Polynomial and Radical functions. Students will make connections between mathematical equations, graphs and their solutions. Students will go above and beyond the normal Algebra II course curriculum. This course satisfies the third of three Math credits for graduation. A Texas Instruments TI-83+, TI84, or TI Nspire graphing calculator is recommended, this is available on the school issued Chromebook.</p>		



General Elective Course Descriptions




Course Name	Algebra Lab; Support Document	
Course Number	02069A, 02069B C02069A, C02069B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	2 terms	
Prerequisite	Corequisite of Year Long Algebra	
Course Description <p>This course is a companion course for students who are also signed up for Algebra 1. Students will work with the teacher to help with foundation Algebra skills in a Tier II and/or Tier III model along with extra practice of current Algebra skills being taught. This course is a general elective credit. A Texas Instruments TI-83+, TI84, or TI Nspire graphing calculator is recommended, which is available on the school issued Chromebook.</p>		




Course Name	Geometry Lab	
Course Number	02075A, 02075B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none"> • Central
Length	2 terms	

Prerequisite	Algebra 1 or Honors Algebra 1 Corequisite with Year Long Geometry	<ul style="list-style-type: none"> • Mid City • North • West
Course Description This course is an optional course for students who are also signed up for Geometry. Students will work with the teacher to help with foundation Algebra skills in a Tier II and/or Tier III model along with extra practice of current Geometry skills being taught. This course is a general elective credit. A Texas Instruments TI-83+, TI-84, or TI Nspire graphing calculator is recommended, this is available on the school issued Chromebook.		





Course Name	Discrete Mathematics	 	
Course Number	02102A, 02102B		
Credit	1 credit		This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms		
Prerequisite	Probability and Statistics or Algebra 2		
Course Description Designed to lay the groundwork for mathematics applications in computer science, business and applied mathematics. It will help prepare students for non-technical careers which use modern technology. Matrices, determinants, probability, logic theory, graph theory and statistics will be used to create models for solving problems. This course is a general elective credit. A Texas Instruments TI-83+, TI-84, or TI Nspire graphing calculator is recommended, this is available on the school issued Chromebook.			

Course Name	Pre-Calculus	 
Course Number	02110A, 02110B OL02110A, OL02110B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	Algebra 2	
Course Description <p>This course is designed for students thinking about exploring a career in STEM. Students will gain a deeper understanding of algebra functions, geometric concepts from the analytic view of algebraic procedures, trigonometric functions and identities, conic sections, and calculus underpinnings. Technology will be used for applications and problem solving. This course is a general elective credit. A Texas Instruments TI83+, TI-84, or TI Nspire graphing calculator is recommended, this is available on the school issued Chromebook.</p>		

Course Name	AP Calculus	  
Course Number	02124A, 02124B	
Credit	1 credit	
Length	2 terms	
Prerequisite	Pre-Calculus	
		This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Course Description <p>This course is designed for students thinking about exploring a career in STEM. Advanced Placement Calculus is a course intended for students who have a thorough knowledge of college preparatory mathematics including algebra, geometry and pre-calculus. The course includes limits, differentiation and integration with problem solving and applications. This course is a general elective credit. A Texas Instruments TI-83+, TI-84, or TI-Nspire graphing calculator is recommended. Students are strongly encouraged to take the National CEEB Advanced Placement Exam. There is an additional fee for materials.</p>		

Course Name	AP Statistics	  
Course Number	02203A, 02203B	
Credit	1 credit	
Length	2 terms	
Prerequisite	Probability and Statistics or Algebra 2	
		This year, this course can run at: <ul style="list-style-type: none">• North• West
Course Description <p>Advanced Placement Statistics is a course introducing students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. It emphasizes sound statistical thinking rather than routine procedures. Students will be exposed to several broad conceptual themes of Statistics such as exploring data, planning a study, modeling and anticipating patterns and statistical Inference. This course is a general elective credit. A Texas Instruments TI-83+, TI84, or TI Nspire graphing calculator is recommended. Students are strongly encouraged to take the National CEEB Advanced Placement Exam. There is an additional fee for materials.</p>		

Concurrent Enrollment Courses

Course Name	Math for the Liberal Arts	   
Course Number	MAT110	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> • North
Length	1 term	
Prerequisite	Probability and Statistics or Algebra 2	

Course Description

A mathematics course designed for the liberal arts student. The course covers a broad spectrum of topics designed to help students survey and develop skills that lead to an appreciation of the value and uses of mathematics. The course will include four units. The first three will be: Unit 1: Problem Solving, Sets and Logic, Unit 2: Counting Methods and Probability and Unit 3: Statistics. The fourth unit will be chosen from the following topics: Numeration Systems and Number Theory, Consumer Math (Mathematics of Finance), Social Choice and Decision Making. **This course awards college credit.**




Science




Graduation Requirement: 3 units of credit or 6 term courses				
	Grade 9	Grade 10	Grade 11	Grade 12
Standard Path 1	Conceptual Physics	Conceptual Chemistry	Environmental Biology	
	Cellular Biology	Earth Science	Space Science	
Standard Path 2	Honors Physics	Honors Chemistry	Honors Biology	
Health Science CTE Program Path 1	Conceptual Physics	Principles of Biomedical Science*	Conceptual Chemistry	Environmental Biology
	Space Science		Earth Science	
Health Science CTE Program Path 2	Honors Physics	Principles of Biomedical Science*	Honors Chemistry	Environmental Biology
Accelerated AA Program: Path 1	Conceptual Physics	Conceptual Chemistry	BIO157: Human Biology	ENV111: Environmental Science
	Space Science	Earth Science		
Accelerated AA Program: Path 2	Honors Physics	Honors Chemistry	BIO157: Human Biology	ENV111: Environmental Science


*Course is cross-listed with the Health Science CTE Program, please see that section for the course description.

General Elective credit options			
Life Science	Anatomy & Physiology	Forensics	Genetics
	Zoology	AP Biology	Independent Study: Science
Physical Science	AP Chemistry	AP Physics I	
Earth Science	Meteorology & Oceanography	Astronomy & Geology	

Graduation Requirement Course Descriptions

Course Name	Conceptual Physics	  
Course Number	03159A	
Credit	0.5 credit	
Length	1 term	
Prerequisite		
		This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Course Description <p>Physics introduces students to the study of physics and finding explanations for forces and laws of nature affecting matter. The course emphasizes precise measurements and descriptive analysis of experimental results. An inquiry-based, hands-on approach will be used. Concepts covered will emphasize the laws and theories related to mechanics, wave phenomena, electromagnetism, and physical interactions. This course satisfies the Physics graduation requirement.</p>		




Course Name	Cellular Biology	  
Course Number	03158A C03158A	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite		
Course Description <p>This course introduces the principles and concepts of cellular biology. Emphasis is placed on basic biological chemistry, cell structure and function, metabolism and energy transformation, evolution, and genetics, and other related topics. Upon completion, students should be able to demonstrate understanding of life at the molecular and cellular levels. This course satisfies the Cellular Biology graduation requirement.</p>		




Course Name	<u>Honors Physics</u>	  
Course Number	N03151HA, N03151HB OL03151HA, OL03151HB	
Credit	1 credit	This year, this course can run at:




Length	2 terms	<ul style="list-style-type: none">● Central● North● West
Prerequisite	Algebra 1	




Course Description




Honors Physics introduces students to the study of physics through an investigation of matter and energy with a laboratory centered emphasis on the basic laws and theories related to mechanics, light, sound and electricity. Earth and Space Science standards are embedded throughout this course. This course satisfies the Physics (T1) and Space Science (T2) graduation requirements.

Course Name	Conceptual Chemistry	  
Course Number	03101 C03101 OL03101	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	Conceptual Physics or Honors Physics	
Course Description <p>Conceptual chemistry is a practical course designed for students who desire an understanding of chemical concepts and applications. An inquiry-based, hands-on approach will be used. Concepts covered include the composition, properties, and reactions of substances. Goggles are required for this course and must meet ANSI Z87.1+-2003 standards. They are available for purchase in the Activities Office. This course satisfies the Chemistry graduation requirement.</p>		

Course Name	Earth Science	  
Course Number	03008E C03008E	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	Conceptual Physics or Honors Physics	
Course Description <p>Earth Science offers insight into the environment on earth. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, this course explores topics centered around two major themes: Earth and Human Activity and Investigating Earth's Systems. This course satisfies the Earth Science graduation requirement.</p>		

Course Name	Honors Chemistry	  
Course Number	03101HA, 03101HB OL03101HA, OL03101HB	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	Conceptual Physics or Honors Physics	
Course Description <p>Honors Chemistry is a laboratory-oriented approach to the entry-level study of chemistry. Basic laws, theories and relationships of unit analysis; structure of matter and energy; periodic law; chemical nomenclature; chemical reactions; kinetic molecular theory; the mole concept and solutions are topics of study. Earth Science standards are embedded throughout this course. Completion of this course provides a critical thinking background and a basic understanding of the principles of chemistry. Goggles are required for this course and must meet ANSI Z87.1+-2003 standards. They are available for purchase in the Activities Office. This course satisfies the Chemistry and Earth Science graduation requirements.</p>		



Course Name	Space Science	  
Course Number	03008S C03008S	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	Conceptual Physics or Honors Physics	
Course Description Space Science offers insight into 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 explores topics centered around two major themes: Earth and Human Activity and Earth's Place in the Universe. This course satisfies the Space Science graduation requirement.		

Course Name	Environmental Biology	  
Course Number	03158B C03158B	
Credit	0.5 credit	This year, this course can run at:

Length	1 term	<ul style="list-style-type: none">● Central● Mid City● North● West
Prerequisite	Conceptual Chemistry	

Course Description



This course introduces the principles and concepts of environmental biology. Emphasis is placed on basic classification, organisms, biodiversity, plant and animal systems, ecology, and other related topics. Upon completion, students should be able to demonstrate understanding of life at the ecological level. This course satisfies the Environmental Biology graduation requirement.

Course Name	Honors Biology	 
Course Number	03051A, 03051B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	Conceptual Chemistry or Honors Chemistry	



Course Description


This course uses a systems approach to biology that enhances biological themes through in-depth studies and laboratory experiments. The concepts of study include: scientific method and inquiry, organic molecules, cellular processes, DNA and genetics, evolution and ecology at a Pre-AP level. Earth Science standards are embedded throughout this course. Laboratory activities are designed to be inquiry-based and student-driven. This course satisfies the Cellular Biology and Environmental Biology graduation requirements.



General Elective Course Descriptions

Course Name	Zoology	 
Course Number	03061	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Cellular Biology or Honors Biology	
Course Description Provides students with the detailed study of and laboratory activities involving animals with and without a backbone. An emphasis is placed on animal development, relationships, structures, behavior and natural history of invertebrate species as well as the physical characteristics and adaptations, habitat, nutritional		



needs, lifestyles and the diversity within each of the five vertebrate groups. Goggles are required for this course and must meet ANSI Z87.1+-2003 standards. They are available for purchase in the Activities Office.



Course Name	Anatomy & Physiology	 
Course Number	03053A, 03053B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	Cellular Biology or Honors Biology	
Course Description A systematic study of the functions and processes of the human body emphasizing the organization of the body; systems that cover, support and move the body; systems that control and regulate the body through communication; systems that transport and protect the body, metabolic processing systems; and the systems of reproduction and development. Laboratory investigations and group activities are used to enhance understanding. Goggles are required for this course and must meet ANSI Z87.1+-2003 standards and are available for purchase in the Activities Office.		




Course Name	Forensics Science	
Course Number	03214 OL03214	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite		
Course Description <p>This course explores the history of forensic science and methods of investigating a crime scene. Students will engage with learning about types of evidence, analysis of fingerprints, hair, fibers, drugs, glass, soil and blood. This course is cross-listed with the Public Safety CTE Pathway.</p>		




Course Name	Astronomy & Geology	 
Course Number	03004	
Credit	0.5 credit	This year, this course can run at:




Length	1 term	<ul style="list-style-type: none">● Central● North● West
Prerequisite	Earth Science or Space Science	
Course Description This course will build on the knowledge base from the Earth Science and Space Science courses. Astronomy will offer students the opportunity to study the solar system, stars, galaxies, and interstellar bodies. The introduction and use of astronomical instruments as well as exploration of theories regarding the origin and evolution of the universe, space, and time will be covered. Geology will provide an in-depth study of the forces that formed and continue to affect the Earth's surface. Earthquakes, volcanoes, erosion, and the unique geology of Iowa will be covered.		

Course Name	Meteorology & Oceanography	 
Course Number	03006	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Earth Science or Space Science	
Course Description <p>This course will build on the knowledge base from the Earth Science and Space Science courses. Meteorology will offer students the opportunity to examine the properties of the Earth's atmosphere, including atmospheric layering, changing pressures, winds, water vapor, air masses, fronts, temperature changes and weather forecasting. Oceanography will provide an in-depth study of the content, features, and possibilities of the Earth's Oceans, exploring marine conditions and ecology.</p>		

Course Name	Genetics	 
Course Number	03059	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Cellular Biology or Honors Biology	
Course Description Investigates the principles, lab methodology and applications associated with the study of inheritance of traits. This course provides students an opportunity to explore current techniques and research in genetics, including the Human Genome Project, genetic screening, gene therapy and environmental influences.		

Course Name	AP Biology	  
Course Number	03056A, 03056B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	Cellular Biology and Environmental Biology, Honors Biology, or Principles of Biomedical Science	
Course Description <p>This course emphasizes in-depth studies and laboratory experiences. Current biological science research and literature about topics such as biotechnology and molecular genetics are studied. Students are provided an opportunity to conduct labs on a regular basis. Students are strongly encouraged to take the National CEEB Advanced Placement Exam.</p>		

Course Name	AP Chemistry	  
Course Number	03106A, 03106B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	Conceptual Chemistry or Honors Chemistry	
Course Description <p>This course is a rigorous and academically challenging college level course. Topics covered in General Chemistry are expanded upon and new areas of study such as Equilibrium, Electrochemistry, and Nuclear Chemistry are introduced. These concepts are developed into increasingly sophisticated ideas that are useful in other physical, biological, and applied sciences such as medicine, engineering, agriculture, and consumer sciences. The class provides students a wide opportunity to develop and improve their problem solving and investigative skills. Students are strongly encouraged to take the National CEEB Advanced Placement Exam. Goggles are required for this course. They must meet ANSI Z87.1+-2003 standards and are available for purchase in the Activities Office.</p>		

Course Name	AP Physics I	  
Course Number	03165A, 03165B	

Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none"> • Central • North • West
Length	2 terms	
Prerequisite	Conceptual Physics and Algebra 1 or Honors Physics Algebra 2 strongly recommended	

Course Description


AP Physics I is designed by the College Board to parallel first-semester college-level courses in algebra-based physics. The course focuses on Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory circuits. Knowledge of algebra and basic trigonometry is required for the course; the basic ideas of calculus may be introduced in connection with physical concepts, such as acceleration and work. This course will include college-level laboratory investigations. Understanding of the basic principles involved and the ability to apply these principles in the solution of problems will be the major goals of the course. Consequently, the course will utilize guided inquiry and student-centered learning to foster the development of critical thinking skills. This class can be used to fulfill the Physics component of the Iowa Core Physical Science Graduation Requirements. Students are strongly encouraged to take the National CEEB Advanced Placement Exam.

Course Name	Independent Study: Science	This year, this course can run at: <ul style="list-style-type: none"> • Central • Mid City • North • West
Course Number	03997	
Credit	Determined by Proposal	
Length	Determined by Proposal	
Prerequisite	DSCD Independent Study Proposal	

Course Description




Designed to allow students to pursue an area of study not already available. Before registering, the student must secure a faculty advisor within the science department who will support the student's request and is willing to supervise the student's program. **The [DSCD Independent Study Proposal](#) must be completed by the student no later than the term prior to the course scheduled term.** Schedule is determined by the student and faculty advisor.

Concurrent Enrollment Course Descriptions

Course Name	Environmental Science	 This year, this course can run at: <ul style="list-style-type: none"> • North
Course Number	ENV111	
Credit	0.5 credit	
Length	1 term	
Prerequisite	Accelerated AA Program	

Course Description

In this college level course, common environmental problems will be surveyed, with discussion as to their possible causes, consequences and remedies. An emphasis will be placed on objective analyses of issues and arguments related to environmental concerns. A general goal of this course is for students to become familiar with the application of scientific principles common to environmental problems. Also, it is important for students to become aware of the causes of, the consequences of and the possible remedies for these problems and for students to be able to objectively analyze the issues and arguments related to environmental concerns. **This course awards college credit.**

Course Name	Human Biology	  
Course Number	BIO157	
Credit	0.5 credit	
Length	1 term	
Prerequisite	Accelerated AA Program	This year, this course can run at: <ul style="list-style-type: none">● North

Course Description

This course is designed for students who are not majoring in a science or health related field. Human Biology is an introductory course that presents the structure and function of the human body along with its chemistry, organization, and continuity. Students will study general concepts of life demonstrated by the major body systems with applications to health, disease, nutrition, and wellness. Students will also study the basics of genetics, evolution, and the origins of life. **This course awards college credit.**




Social Studies




Graduation Requirement: 3 units of credit or 6 term courses <i>Students will choose one course from each column to meet graduation requirements.</i>				
World Studies	US History	Economics	Behavioral Science	Government
World Studies	US History	Economics	Psychology	U.S. Government
AP Human Geography	AP US History	AP Macroeconomics	AP Psychology	AP U.S. Government and Politics
GLS100: Contemporary World Issues	HIS151: World History to 1877	ECN120: Principles of Macroeconomics	Sociology	POL111: American National Government
		ECN130: Principles of Microeconomics	PSY111: Introduction to Psychology	
			SOC110: Introduction to Sociology	




General Elective credit options		
Contemporary Culture in the US	Early Western Civilizations	Student Senate / Student Council
Criminology	Modern Western Civilizations	Student Page - Iowa General Assembly
Comparing History & Hollywood	World Religions	Contemporary American Conflicts

Concurrent General Elective credit options	
PSY121: Developmental Psychology	PSY213: Industrial and Organizational Psychology
HUM110: Choices and Changes	HIS152: World History since 1877




Graduation Requirement Course Descriptions





Course Name	World Studies	  
Course Number	04064 C04064 OL04064	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	None	
Course Description <p>This course provides students with an overview of world geography and culture. Topics include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas. Additionally, within the context of the five themes of geography, students will examine problem-solving, religion, government, history, and the arts. This course fulfills the World Studies graduation requirement.</p>		





Course Name	AP Human Geography	  
Course Number	04004A, 04004B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">• Central• North• West
Length	2 terms	
Prerequisite	None	
Course Description <p>This course will follow College Board's suggested curriculum designed to parallel college-level Human Geography courses. AP Human Geography introduces students to the systematic study of patterns and processes that have shaped the ways in which humans understand, use and alter the earth's surface. Students use spatial concepts and landscape analysis to examine human social organization and its environmental consequences and also learn about the methods and tools geographers use in their science and practice. There is an additional fee for materials. This course fulfills the World Studies graduation requirement.</p>		




Course Name	Contemporary World Issues	  
Course Number	GLS100	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> • North
Length	1 term	





Prerequisite	Accelerated AA Program	
Course Description This course is an interdisciplinary approach to the study of issues affecting life in the modern world. It identifies theoretical and topical areas of study as background and influences to major contemporary issues. Typical areas of discussion will address international politics, conflict, ecology, economy, and resource utilization. This course fulfills the World Studies graduation requirement. This course awards college credits.		

Course Name	U.S. History	  
Course Number	04101A, 04101B C04101A, C04101B OL04101A, OL04101B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	2 terms	
Prerequisite	None	
Course Description <p>U.S. History is a 2-term course required of all 10th grade students. U.S. History is a continuation of the history sequence, started in grade 8. U.S. History covers the time period from 1865 to the Cold War. This course fulfills the US History graduation requirement.</p>		





Course Name	AP U.S. History	   
Course Number	04104A, 04104B	
Credit	1 credit	
Length	2 terms	
Prerequisite	None	
		This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Course Description <p>Following the College Board's suggested curriculum designed to parallel college-level U.S. History courses. AP U.S. History courses provide students with the analytical skills and factual knowledge necessary to address critical problems and materials in U.S. History. Students learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. The course examines the discovery and settlement of the New World through the recent past. There is an additional fee for materials. This course fulfills the US History graduation requirement.</p>		

Course Name	US History to 1877	   
Course Number	HIS151	
Credit	0.5 credit	
Length	1 term	
Prerequisite	Accelerated AA Program	
Course Description The study of political, cultural, social and economic developments in North American colonies and the United States from discovery through Reconstruction. Historical perspective and critical analysis are emphasized. This course fulfills the US History graduation requirement. This course awards college credit.		This year, this course can run at: <ul style="list-style-type: none"> • North

Course Name	Economics	  
Course Number	04201 C04201 OL04201	
Credit	0.5 credit	
Length	1 term	
Prerequisite	None	
Course Description This course is a study of the basic principles and problems of economics and is centered on how society produces and distributes the goods and services in a market economy. This course fulfills the Economics graduation requirement.		This year, this course can run at: <ul style="list-style-type: none"> • Central • Mid City • North • West

Course Name	AP Macroeconomics	   
Course Number	04204A, 04204B	
Credit	1 credit	
Length	2 terms	
Prerequisite	None	
Course Description This course following the College Board's suggested curriculum designed to parallel college-level microeconomics, AP Microeconomics courses provide students with a thorough understanding of the principles of economics that apply to the functions of individual decision makers (both consumers and producers). They place primary emphasis on the nature and functions of product markets, while also		This year, this course can run at: <ul style="list-style-type: none"> • Central

including a study of factor markets and the role of government in the economy. This course fulfills the Economics and Financial Literacy graduation requirements.





Course Name	Principles of Macroeconomics	   
Course Number	ECN120	
Credit	0.5 credit	
Length	1 term	
Prerequisite	Accelerated AA Program	

This year, this course can run at:

- North

Course Description

This course discusses issues confronting society as a result of economic scarcity. It examines the systematic approach to these issues as it has developed in markets and government combined to determine the economic decision-making process. Emphasis is placed on the fiscal and monetary policies of government, undertaken to modify the instability that occurs in the private sectors. This course includes the importance of international trade. This course fulfills the Economics graduation requirement. **This course awards college credit.**




Course Name	Principles of Microeconomics	   
Course Number	ECN130	
Credit	0.5 credit	
Length	1 term	
Prerequisite	Accelerated AA Program	

This year, this course can run at:

- North

Course Description

This course examines how the market system resolves the economic problems of scarcity. Topics explored include, supply and demand theory, the varying degrees of competition and imperfection found in the market, consumer choice, firm's production cost in the short run and the long run, and firm's output and the pricing and employment of resources. The impact of international trade and finance will also be discussed. This course fulfills the Economics graduation requirement. **This course awards college credit.**

Course Name	<u>Sociology</u>	  
Course Number	04258 C04258 OL04258	
Credit	0.5 credit	
Length	1 term	





This year, this course can run at:

- Central

Prerequisite	None	<ul style="list-style-type: none"> • Mid City • North • West
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Course Description

This course concerns the interaction of social groups in our society. It is designed to give students knowledge of the various social relationships, behavioral patterns, social progresses and systems that are embedded in their culture. This course fulfills the Behavior Science graduation requirement.

Course Name	Introduction to Sociology	   
Course Number	SOC110	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> • North
Length	1 term	
Prerequisite	Accelerated AA Program	





Course Description





This course introduces students to a framework of thinking that involves theories in social structure, structural functionalism, symbolic interaction, feminism, and conflict theories, with respect to family, education, economic stratification, poverty, race, ethnic inequality, gender, family, socialization, government, politics, violence, crime and religion. **This course awards college credit.**




Course Name	Psychology	  
Course Number	04254 C04254 OL04254	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> • Central • Mid City • North • West
Length	1 term	
Prerequisite	None	

Course Description




This is an in-depth exploration of human behavior patterns. The ability to recognize concepts and perform analysis of complex material is recommended for students taking this course. Areas presented include the brain and nervous system, learning and memory, experimentation, maladjusted behavior and current treatment styles and personality development. This course fulfills the Behavior Science graduation requirement.

Course Name	AP Psychology	   
Course Number	04256A, 04256B	
Credit	1 credit	
Length	2 terms	
Prerequisite	None	
Course Description Following the College Board’s suggested curriculum designed to parallel a college-level psychology course, AP Psychology courses introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals, expose students to each major subfield within psychology, and enable students to examine the methods that psychologists use in their science and practice. There is an additional fee for materials.		This year, this course can run at: <ul style="list-style-type: none">● Central● North● West

Course Name	Intro to Psychology	   
Course Number	PSY111	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">• North
Length	1 term	
Prerequisite	Psychology	
Course Description <p>This college level course will examine the fundamentals of behavior. The course is designed to familiarize students with human behavior, how it is studied and the applications of the results of that study. Theoretical issues, comprehension or research findings and research techniques will also be examined. This course awards college credit.</p>		

Course Name	U.S. Government	  
Course Number	04151 C04151 OL04151	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	None	
Course Description This course is a study of the workings and functions of the American political system. Topics include the		

Constitution, the three branches of government and the development of democracy in the United States. This course fulfills the Government graduation requirement.





Course Name	AP U.S. Government & Politics	  
Course Number	04157A, 04157B	
Credit	1 credit	
Length	2 terms	
Prerequisite	None	

This year, this course can run at:

- Central
- West

Course Description

Following the College Board's suggested curriculum designed to parallel college-level U.S. Government and Politics courses, this course provides students with an analytical perspective on government and politics in the United States, involving both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. The course generally covers the constitutional underpinnings of the U.S. government, political beliefs and behaviors, political parties and interest groups, the institutions and policy process of national government and civil rights and liberties. There is an additional fee for materials. This course fulfills the Government graduation requirement.

Course Name	American National Government	   
Course Number	POL111	
Credit	0.5 credit	
Length	1 term	
Prerequisite	Accelerated AA Program OR US Government OR AP US Government & Politics	



This year, this course can run at:

- Central
- North



Course Description


This course is a survey of American government and politics. It includes discussion of the historical foundations and fundamental principles of American democracy, the basic institutions of government, the fundamental rights of citizens and the public policy process. This course fulfills the Government graduation requirement, only for students in the Accelerated AA Program. **This course awards college credit.**

General Elective Course Descriptions



Course Name	Contemporary American Conflicts	 
Course Number	041060 C041060	



Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	None	
Course Description Deeper interest in how previous conflicts have gotten us to this point; impact on the United States and our position in the world; How has previous American Conflict led to social, economic and political impact on the United States.		



Course Name	Contemporary Culture in the US	 	
Course Number	041061		
Credit	0.5 credit		This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term		
Prerequisite	None		
Course Description <p>This is an interdisciplinary course that will focus on current events which impact students, their communities and the nation. By using theories, frameworks and a process for critical thinking, students will develop a critical analysis to comprehend how these events impact the community and world in which we live.</p>			

Course Name	Criminology	
Course Number	04165 OL04165	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	U.S. Government	
Course Description <p>Students will gain a clear understanding of the causes of crime, its consequences, and an accurate knowledge of the workings of our criminal justice system. An examination of past and current case studies will allow students to analyze legal issues, debate procedures, and predict outcomes as they collaborate to apply learning to real-life situations within the American criminal justice system. This course will examine all issues from a philosophical standpoint: discussing and debating the principles,</p>		



theories, and values of the American criminal justice system.

Course Name	<u>Early Western Civilization (to 1700)</u>	 
Course Number	04063A	
Credit	0.5 credit	
Length	1 term	
Prerequisite	N/A	
		This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Course Description <p>Includes a study of the main concepts which western culture has inherited from the past. Such concepts as Greek democracy, Judeo-Christian ethical concepts, Roman Law, Medieval social and economic systems, Renaissance and Reformation ideas, English parliamentary system, beginning of Modern science, market economy of the 16th century and the ideas of the Enlightenment will be included.</p>		

Course Name	<u>Modern Western Civilization (since 1700)</u>	 
Course Number	04063B	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	N/A	
Course Description <p>This course, which can be taken separately, is a world history course which continues the historical sequence of Western Civilization. It is based around the political lives, experiences, innovations and political behavior of people from the French Revolution to the present. By studying more significant events of this century, based upon their derivations from the nineteenth century, the student will have a better understanding of the world we live in and the reason for why things appear as they are.</p>		

Course Name	<u>World Religions</u>	 
Course Number	04062 C04062 OL04062	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> • Central • Mid City
Length	1 term	

Prerequisite	None	<ul style="list-style-type: none"> • North • West
Course Description In this course students will explore the traditions of Hinduism, Buddhism, Judaism, Christianity, and Islam. We will examine the history, structure, and practice of each religion. Students will be expected to read the sacred writings from each tradition and evaluate them from an academic perspective. In this class we will also be completing a project examining a religion and its impact on our world.		




Course Name	Comparing History and Hollywood	 BOARD OF REGENTS STATE OF IOWA 
Course Number	04109	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	None	
Course Description In today’s age children and adults alike are presented with information that may or may not be true through various media platforms including social media, news outlets, and movies. This course allows students to be informed citizens determining fact from fiction using various sources and platforms.		




Course Name	Student Senate/Student Council	
Course Number	22013	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Elected by student body	
Course Description Open to duly elected officers and student senate members only. This course is designed to provide the "Student Senate" the opportunity of meeting, learning and conducting "Senate" activities in accordance with the principles of formal and informal parliamentary law on a regularly scheduled basis. (This course does not replace the American Government requirement.)		



Course Name	Student Page Iowa General Assembly	
Course Number	IowaPage	
Credit	0.5 credit	This year, this course can run at:
Length	1 term	

Prerequisite	Elective and by application only	<ul style="list-style-type: none"> • Central • Mid City • North • West
Course Description (When the legislature is in session.) Students chosen and employed by the Iowa General Assembly to serve as a Student Page (duties include: assisting State Representatives, State Senators, local patrons; serving as capitol guides, delivering messages, etc.) shall be given elective credit for successful completion of Page duties.		

Concurrent Enrollment Course Descriptions

Course Name	Choices and Changes	  
Course Number	HUM110	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● North
Length	1 term	
Prerequisite	Accelerated AA Program	
Course Description <p>This course offers students an opportunity to explore ways in which the Humanities are integral in their personal and work lives, especially as they face change and make decisions. The course will explore works of fiction, non-fiction, poetry, history, philosophy, and art, and apply themes from these works to their own lives. This course awards college credit.</p>		


Course Name	US History since 1877	  
Course Number	HIS152	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● North
Length	1 term	
Prerequisite	Accelerated AA Program	
Course Description The study of the political, cultural, social, and economic developments from 1877 to the present. Historical perspective and critical analysis are emphasized. <i>This course has been designated as diversity rich.</i> This course awards college credit.		

Course Name	Developmental Psychology	 
Course Number	PSY121	

Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● North
Length	1 term	
Prerequisite	Accelerated AA Program	

Course Description

This course is designed to provide the student with an understanding of the process and interrelationship of physical, emotional, intellectual, and social evolution in the individual. Attention is given to these human potentials throughout the life-cycle from conception to death. **This course awards college credit.**

Course Name	Industrial & Organizational Psychology	
Course Number	PSY213	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● North
Length	1 term	
Prerequisite	Accelerated AA Program	
Course Description <p>This course is a study of psychology as a guide to the relationship of people in industry. This course is designed to help each student develop an awareness of needs, sentiments, and attitudes toward self and others in an organizational setting. Organizational problems are anticipated and preventative means are studied. This course awards college credit.</p>		

Physical and Health Education


Graduation Requirement: 2.5 units of credit or 5 term courses <i>Students must choose one course from each category, as well as, have one physical education course per year.</i>				
Health	Foundations	Physical Education		
Health Education	Foundations of PE	Physical Education	Lifeguarding	Adventure Education
		Strength and Conditioning 1	Strength and Conditioning 2	Personal Wellness


General Elective credit options	
Athletic Health 1	Athletic Health 2


JROTC Credit Options			
AJROTC Level 1	AJROTC Level 2	AJROTC Level 3	AJROTC Level 4

JROTC courses shall count towards a student's physical education requirement each year.


Graduation Requirement Course Descriptions


Course Name	Health Education	
Course Number	08051 C08051 OL08051	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	Required for all 9th graders	
Course Description <p>This course is designed to assist students in developing lifelong positive attitudes and behaviors, and making wise decisions related to their personal health. Study will include personal and community health; mental, emotional, and social health; injury prevention and safety; nutrition and physical activity; alcohol, tobacco, and other drugs; growth, development, and sexual health. Central themes are the acceptance of personal responsibility for lifelong health, respect for and promotion of the health of others, an understanding of the process of growth and development, and informed use of health-related information, products, and services. This course fulfills the Health Education graduation requirement.</p>		

Course Name	Foundations of PE	
Course Number	08016 OL08016	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	Passing Physical Education each year is required by the State of Iowa	
Course Description <p>Foundations of PE is designed to practice and develop skills in activities that will help students maintain fitness throughout their life. Students will assess fitness levels in the following areas: cardiovascular endurance, flexibility, muscular strength and muscular endurance, and set personal fitness goals. Students will explore fitness activities designed to improve all areas of fitness, and will be introduced to life-long activities designed to increase their likelihood of exercising in the future. Students will understand the benefits that regular exercise can provide for a person’s mental, physical, and social health. This course fulfills the Foundations of PE graduation requirement.</p>		

Course Name	Physical Education	
Course Number	08001 08001ALT	

	08001ALTV 08001ALTI C08001 OL08001	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	Foundations of PE	
Course Description <p>Students in Physical Education will explore various types of activities throughout the term including:</p> <ul style="list-style-type: none">● Lifelong Recreational Activities (Individual/Dual) Students will learn a variety of rules skills fundamentals and strategies in a variety of individual and dual sport activities. Safety and sportsmanship will be emphasized.● Team Games, Activities, and Sports (Group) Students will learn a variety of rules, skills, fundamentals, and strategies in multiple team activities. Safety and sportsmanship will be emphasized. Activities will include but not limited to: Basketball, Soccer, Volleyball, Floor Hockey, Ultimate Games, Non-traditional Games, Flag Football, and Diamond Sports.		

Course Name	Adapted Physical Education	
Course Number	08049 OL08049	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Approved by physician or current goals in the IEP	
Course Description <p>Davenport high schools offer a course in adapted physical education for those students who cannot participate in the regular program due to medical or motor restrictions. Following the necessary referral from the family physician, a selection of activities is offered to meet the individual's needs.</p>		


Course Name	Lifeguarding	
Course Number	08010	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● North ● West
Length	1 term	
Prerequisite	Must be at least 15 years old at the beginning of this course; A swimming skills pretest is required	

Course Description

Teaches students the skills and knowledge needed to become a professional lifeguard. The course content and activities prepare lifeguard candidates to recognize and respond quickly and effectively to emergencies; prevent drowning and other incidents. Students must be 15 years old by the beginning of the class. No exceptions. There is an additional fee for materials. The student must successfully complete the following swimming prerequisites.


1. Swim 500 yards continuously, using each one of the following strokes for at least 100 yards of each: crawl stroke and breaststroke. Participants choose their stroke(s) for the remaining 200 yards. There is a fifteen minute time limit.
2. Submerge to a minimum depth of 10 feet, retrieve a 10 pound object and return with it to the surface.
3. Tread water for 2 minutes using legs only.

Upon successful completion of the course, participants will receive two certificates: The American Red Cross Lifeguard Training, which is valid for three years; and the American Red Cross CPR for the Professional Rescuer, which is valid for one year. **There is an additional fee of \$50.00 for this course that covers the cost of materials, certification, and a rescue mask.**

Course Name	Adventure Education	
Course Number	08004	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> • Central • North • West
Length	1 term	
Prerequisite	Successfully passed Foundations of PE and one other PE course. Juniors/Seniors only. Access to personal transportation strongly encouraged.	

Course Description

Adventure Ed will provide students the opportunity to engage in fitness and leisure activities right here in the Quad Cities - both outdoor and in! Outdoor experiences may include biking, hiking, kayaking, canoeing, basic survival skills, orienting skills, fishing, archery, frisbee golf, and golf. Indoor activities may include yoga, bowling, axe throwing, ice skating and more. Students will engage with community partners to experience the variety of options available in our area; activities are dependent upon weather and accessibility.


Course Name	Strength and Conditioning 1	
Course Number	08005A 08005AEB1 08005AEB2 08005Ath1 (course runs Term A) 08005Ath2 (course runs Term B) 08005Ath3 (course runs Term C) 08005Ath4 (course runs Term D) OL08005A	


Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term, repeatable in same year for general elective credit	
Prerequisite	Foundations of PE	

Course Description

Provides an alternative to our traditional PE class offered. This course is designed to familiarize the student to an approach at athletic conditioning and strength training. Students will be instructed in basic principles of- strength training and conditioning, progressive development, sport performance and injury prevention.

This course introduces foundational lifting skills. The purpose of this class is to learn different movements and exercises in the realm of strength and speed. This class teaches proper technique of power, plyometric and strength movements, weight room safety, spotting techniques, stretching and mobility exercises, along with speed and conditioning movements. A fitness plan will be used as an assessment tool, where students track their progress in class.

Course Name	Strength and Conditioning 2	
Course Number	08005B 08005BEB1 08005BEB2	
Credit	0.5 credit, repeatable in same year for general elective credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Strength and Conditioning 1	
Course Description <p>Provides an alternative to our traditional PE class offered. This course is built on knowledge and skills acquired in Strength and Conditioning 1. Students will perform- advanced weight training movements, speed and agility training, and metabolic conditioning.</p> <p>This class is a percentage based program that is individually tailored to each student's max in specific strength exercises.</p>		

Course Name	Personal Wellness	
Course Number	080051	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> • Central • North
Length	1 term	
Prerequisite	Foundations of PE	

		<ul style="list-style-type: none"> West
<p>Course Description</p> <p>Whether you are looking to improve your overall physique, gain strength, and flexibility, or live a healthier lifestyle, Personal Wellness class will aid you in your goals and expectations. This program provides opportunities for exploration of a wide variety of lifetime activities that support wellness. Students will develop personal workout plans that embed community resources and align with personal strengths and interests.</p> <p>Activities include but are not limited to: Yoga, fitness technology, aerobics, resistance bands, swim aerobics, Jump Roping, Kickboxing, Medicine balls, and Weight Resistance.</p>		

General Elective Course Descriptions

Course Name	Athletic Health 1	This year, this course can run at: <ul style="list-style-type: none">● Central● West
Course Number	14199A	
Credit	0.5 credit	
Length	1 term	
Prerequisite	Health Education	
Course Description <p>This course is designed for the student interested in sports medicine, the health care of athletes and the physically active. The course will focus on the prevention, recognition, and treatment of injuries that occur during physical activity or athletics. Basic knowledge of anatomy and physiology, emergency first aid and the discussion of a variety of athletic injuries will be taught in the traditional classroom format.</p>		


Course Name	Athletic Health 2	This year, this course can run at: <ul style="list-style-type: none">● Central
Course Number	14199B	
Credit	0.5 credit	
Length	1 term	
Prerequisite	Athletic Health 1	
Course Description <p>This course is a continuation of Athletic Health 1, but is more advanced. It will provide the student with a more intensive and in-depth experience in the area of Sports Medicine, health care of athletes and the physically active. Students will also learn more advanced Sports Medicine concepts, injury evaluations, and treatments. Students will gain hands-on experience in laboratory activities including taping techniques, splinting methods and the use and principles of common modalities used to treat athletic injuries and basic principles applied in the rehabilitation of injuries.</p>		


Junior Reserve Officer Training Corps Programs (JROTC)


Army JROTC Course Descriptions (AJROTC)

For more information on this contracted course pathway, please visit the AJROTC website here:


<https://www.usarmyjrotc.com/army-junior-rotc-program-overview/>

Course Name	AJROTC Level 1	
Course Number	09051A, 09051B 09051C, 09051D	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	2 terms	
Prerequisite	None	
Course Description Study leadership theory and application, foundation for success, communication/study skills, citizenship, military customs and courtesies, physical training, drill, map reading, and the history and objectives of Army JROTC. Course counts towards the Physical Education graduation requirement.		

Course Name	AJROTC Level 2	
Course Number	09052A, 09052B 09052C, 09052D	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	2 terms	
Prerequisite	AJROTC Level 1	
Course Description Study of wellness, fitness and first aid, drug awareness, ethical values and principles of good citizenship in American history and government. Demonstrate knowledge of drill, map reading and physical training, with emphasis on methods of instruction. Prerequisite: AJROTC Level 1. Course counts towards the Foundations of Physical Education graduation requirement.		

Course Name	AJROTC Level 3	
Course Number	09053A, 09053B 09053C, 09053D	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">• Central
Length	2 terms	

Prerequisite	AJROTC Level 2	
Course Description Study of leadership strategies, foundation of success, managing conflict, career planning, financial planning, citizenship in American history and government with continued practical work in leadership, drill, technology awareness, and methods of instruction. map reading and physical training. Course counts towards the Physical Education graduation requirement.		

Course Name	AJROTC Level 4	
Course Number	09054A, 09054B 09054C, 09054D	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	2 terms	
Prerequisite	AJROTC Level 3	
Course Description Students will demonstrate leadership potential as a role model, coach, counselor, and assistant instructor. Study service to the Nation and financial planning, with continued practical work in drill, technology awareness, physical training and staff principles. Course counts towards the Physical Education graduation requirement.		

Career and Technical Education (CTE)

Career and Technical Education or CTE provides students in Davenport Schools a competitive advantage for high-wage, high-skill, high-demand careers. These pathways are built to provide students with the academic and technical skills, knowledge, and training necessary to succeed in future careers, and are aligned to industry standards and needs within our community.

Davenport Schools currently has 16 CTE Pathways for students. Students within all schools are encouraged to explore their career options and take advantage of these pathways at any point in their high school career. Each CTE pathway has a beginning, intermediate, advanced, and capstone course options for students, with students being expected to take all courses in a pathway. All CTE pathways are aligned with local career opportunities, community college pathways, and four-year institutions.

All capstone courses require a program application, due by April 26, 2024. You can find that application here: <https://bit.ly/dcsdcapstone> Students will be informed of the status of their application via school email by the end of May.

Davenport Community School District's Career and Technical Education Pathways are divided up into five Service Areas:

- *Business, Finance, Marketing, Management*
- *Human Services*
- *Health Services*
- *Applied Science*
- *Information Solutions*

*All students are encouraged, but not required, to take the **Employability Skills** course upon entrance into their CTE Pathway. This will prepare them for the real world learning experiences throughout their career.*


CTE Pathway Options				
	Beginning	Intermediate	Advanced	Capstone
Accounting and Financial Services	Business Basics	Principles of Accounting	CSC110: Introduction to Computers	ACC146: Managerial Accounting
		Managing Personal Finance	ACC142: Financial Accounting	
Marketing and Management	Business Basics	Social Media Marketing	BUS102: Introduction to Business	MGT101: Principles of Management
		Principles of Accounting	MKT110: Principles of Marketing	Sports and Entertainment Marketing



CTE Pathway Options				
	Beginning	Intermediate	Advanced	Capstone
Computer Science	Computer Science Essentials	AP Computer Science Principles	AP Computer Science A	Vocational Computer Science
			Cybersecurity	Software Engineering Registered Apprenticeship
Graphic Design	Introduction to 2-D Art (Drawing and Painting)*	Computer Graphics and Design 1*	Computer Graphics and Design 2*	Motion Graphics/Video*
	Introduction to Digital Arts (Comp Graphics, Photography)*	Social Media Marketing		
Culinary Arts	Foods	International Foods: Asia, S. America, & the Caribbean	Fundamentals of Baking	ProStart
	Advanced Foods	International Foods: Europe & Africa		
Early Childhood Education	Child Development and Parenting 1	Child Development and Parenting 2	ECE 1	ECE 3
			ECE 2	
K-12 Education	Educational Foundations	SDV130: Career Exploration	PSY111: Introduction to Psychology*	EDU213: Introduction to Education
				Teacher Assistant
Family and Community Services	Interpersonal Dynamics	Textile Technologies	Independent Living	Interior Design and Housing
		Advanced Textiles		
Public Safety	Explorers: Public Safety	Criminology*	PSY111: Introduction to Psychology*	EMS202: Emergency Medical Technician
		Forensic Science*		
Health Sciences	Principles of Biomedical Science	Human Body Systems	Medical Interventions	HSC172: Nurse Aide
				Nurse Assistant Registered Apprenticeship


CTE Pathway Options				
	Beginning	Intermediate	Advanced	Capstone
Airframe Mechanic	Introduction to Engineering Design	Basic Auto	Aerospace Engineering	Airframe Mechanic Registered Apprenticeship
		Construction Tech 1		
Automotive	Basic Auto	Introduction to Diesel Mechanics	Auto Technology 1	Auto Technology 2
		Advanced Auto		Automotive Technician Specialist Registered Apprenticeship
Construction	Construction Technologies 1	Construction Technologies 2	Construction Technologies 3	Student Built Home
			Wood Technologies	
Engineering and Engineering Technologies	Introduction to Engineering Design	Principles of Engineering	Civil Engineering and Architecture	Engineering Design and Development
Advanced Manufacturing	Introduction to Engineering Design	Metals, Materials, and Processes	Advanced Metals, Materials, and Processes	Computer Integrated Manufacturing
				Machinist Registered Apprenticeship
Welding	Basic Mig Welding	Advanced Welding	Vocational Welding 1	Vocational Welding 2
	Basic Stick Welding			Welding Registered Apprenticeship

**Course is cross-listed with another department. Please see that department for the course description.*

Work-based Learning Course Descriptions


Course Name	Employability Skills	
Course Number	22152	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	Enrollment in a CTE Pathway	
Course Description <p>Students will complete assignments focused on their individual and career targets, while developing successful lifetime job search skills and career management tools. Students will also learn job search techniques, such as completing employment applications, preparing letters of application and resumes and participating in a mock interview. This course serves as a related course for cooperative work experience.</p>		



Course Name	Employment Strategy	 
Course Number	BUS106	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite		
Course Description <p>Students will complete assignments focused on their individual and career targets, while developing successful lifetime job search skills and career management tools. Students will also learn job search techniques, such as completing employment applications, preparing letters of application and resumes and participating in a mock interview. This course serves as a related course for cooperative work experience.</p>		

Course Name	Industry Collaborative Work Experience	
Course Number	22998A, 22998B, 22998C, 22998D	
Credit	2 credits, course is repeatable	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● Mid City ● North ● West
Length	4 terms	
Prerequisite	Employability Skills, Employment Strategies, or Advanced iJAG must be concurrently enrolled or	


	successful completion	
Course Description <p>Note: Students must be enrolled in a related class. Businesses in the community collaborate with the school by providing actual work experience and job training to the students. Students must work a minimum of 15 hours per week at a school-approved job in the retail, wholesale or service occupations. The work experience teacher must meet with each student during registration. An application must be completed and approved by the coordinator before enrollment is complete. The coordinator will assist students in arranging interviews and will regularly visit the student on the job. Students are not guaranteed a job. The student receives two units of credit for the year plus wages for hours worked. Course is repeatable.</p>		


Business, Finance, Marketing, and Management Service Area Course Descriptions




Business, Finance, Marketing, and Management Service Area Course Descriptions		
Course Name	Business Basics	
Course Number	12021 C12021 OL12021	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	None	
Course Description <p>Dive into the foundations of business with this course! Utilize advanced software to complete essential business tasks, identify what it takes to start and manage your own business, explore how marketing can make or break consumer decisions, and the role that accounting plays in all aspects of business. Experience business with actual scenarios to see if you can make it in the real world!</p>		

Course Name	Managing Personal Finances	 
Course Number	19262 C19262 OL19262	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	None	
Course Description Designed to teach students about all aspects of personal finance. It will include such things as evaluating and applying financial information, setting financial goals, exploring earning potential, investing and		

understanding the importance of saving. Satisfies graduation financial literacy requirement.



Course Name	Principles of Accounting	
Course Number	12104	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Business Basics	
Course Description <p>Students will be able to successfully determine the profitability of a business. This course is designed for students wanting a basic principles course and could be used for preparation for advanced study in ACC142 and ACC146. Generally accepted accounting procedures will be presented, practiced and used.</p> <p>There is an additional fee for materials.</p>		

Course Name	Social Media Marketing	
Course Number	10204	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Business Basics	
Course Description <p>Social media is changing how business is done around the world in almost every industry. This course is designed to help you understand how marketing has (and has not) changed due to the rise of social media, and obtain a clear perspective on what’s really going on in digital/social/mobile marketing. This course will allow you to understand consumers’ social interactions, examine the various social media channels available to marketers, learn how to build social marketing strategies, and practice how to track their effectiveness, all through interactive simulations.</p>		

Course Name	Introduction to Computers	  
Course Number	CSC110	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Principles of Accounting OR Accelerated AA Program	



Course Description

An introduction to computers including: operating systems, word processing, spreadsheets/worksheets, databases, presentation programs, email, the internet, and certain related computer concepts. It will include student computer projects. **This course awards college credit.**

Course Name	Financial Accounting	 
Course Number	ACC142	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● North ● West
Length	1 term	
Prerequisite	CSC110: Introduction to Computers	



Course Description

An introduction to the use of accounting in the decision making process. Information will be presented with a bias toward user orientation as opposed to preparer orientation. Course competencies will be developed in the areas of: Identifying the role of accounting in society, basic accounting and business terminology, concepts behind financial information, accepted accounting practices, analysis and interpretation of financial statements of sole proprietorships and corporations There is an additional fee for materials. **This course awards college credit.**



Course Name	Introduction to Business	 
Course Number	BUS102	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● North ● West
Length	1 term	
Prerequisite	Principles of Accounting	



Course Description

This course is designed to introduce the student to American contemporary business, its nature and environment. A survey course providing exposure to the social responsibilities of business, management, production, human resources, marketing, finance, quantitative methods, world business law. Recommended to be taken early in the business pathway. **This course awards college credit.**

Course Name	Principles of Management	 
Course Number	MGT101	
Credit	0.5 credit	This year, this course can run at:
Length	1 term	



Prerequisite	Introduction to Business	<ul style="list-style-type: none"> ● Central ● North ● West
Course Description This course is designed to explain the history and development of management theory and practice. Behavioral and scientific schools of management philosophy are examined. Components of organizations and how they must be integrated at all levels in an organization in order to produce an effective system are presented.		

Course Name	Managerial Accounting	 
Course Number	ACC146	
Credit	0.5 credit	
Length	1 term	
Prerequisite	ACC142: Financial Accounting and CTE Capstone Program Application	
		This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Course Description <p>This course emphasizes financial statement analysis, including the reporting of cash flows, and managerial accounting as it relates to decision-making and to the manufacturing environment. This course serves as a foundation for other accounting courses for students planning careers in accounting, as well as providing for the needs for students in business administration. There is an additional fee for materials. This course awards college credit. <i>Students must complete the CTE Capstone Application Process for enrollment in this course.</i></p>		

Course Name	Principles of Marketing	 
Course Number	MKT110	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	BUS102: Introduction to Business	
Course Description <p>This course provides a picture of basic marketing principles and practices; focuses upon customer-driven strategies to attract, keep, and grow targeted customers. Concepts covered include: Web selling and diversity issues, along with the global marketplace, branding, pricing, and ethical issues. A hands-on application project is also included. This course awards college credit.</p>		




Course Name	Sports & Entertainment Marketing Seminar	
Course Number	22106	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	BUS102: Introduction to Business and CTE Capstone Program Application	
Course Description <p>Sports & Entertainment Marketing is a comprehensive course that covers many aspects of the sports and entertainment field. Some of the areas discussed in the course include: The history and evolution of Sports & Entertainment Marketing (SEM), creating a brand/licensing, sponsorships, promotions, endorsements, ticket sales, communications, marketing, and careers in the SEM field. Projects are a large part of this course. Students will explore local community events to gain real- world, hands on experience, and make connections within the industry. <i>Students must complete the CTE Capstone Application Process for enrollment in this course.</i></p>		

Information Solutions Service Area Course Descriptions

Course Name	Computer Science Essentials	 
Course Number	10012	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● North ● West
Length	1 term	
Prerequisite	None	




Course Description

An entry level computer science course designed to expose students to a diverse set of computational thinking concepts, fundamentals, and tools, allowing them to gain understanding and build confidence. Students use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python® to create apps and develop websites, and learn how to make computers work together to put their design into practice. They apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them.



Course Name	AP Computer Science Principles	  
Course Number	10019A, 10019B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● North ● West
Length	2 terms	
Prerequisite	None	


Course Description

Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

Course Name	AP Computer Science A	  
Course Number	10157A, 10157B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central
Length	2 terms	


Prerequisite	Algebra 1 and AP Computer Science Principles	<ul style="list-style-type: none"> • North • West
Course Description This course focuses on further developing computational thinking skills through the medium of AndroidT App development for mobile platforms. The course utilizes industry-standard tools such as Android Studio, JavaT programming language, XML, and device emulators. Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases.		


Course Name	Cybersecurity	 
Course Number	10302A, 10302B OL10302A, OL10302B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● West
Length	2 terms	
Prerequisite	AP Computer Science A	
Course Description <p>Cybersecurity introduces the tools and concepts of cybersecurity and encourages students to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students’ knowledge of and commitment to ethical computing behavior. It also aims to develop students’ skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.</p>		

Course Name	Vocational Computer Science	
Course Number	10253A, 10253B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● West
Length	2 terms, repeatable	
Prerequisite	Cybersecurity and CTE Capstone Program Application	
Course Description <p>This course will introduce the student to the service concepts, skill sets, career paths, and operations of the help desk industry. Students will master the role of a help desk analysis, navigate the help desk environment, and learn crucial problem solving skills. Through this course students will develop the “soft skills” and the “self-management skills” needed to deliver excellent customer support at the help desk. This course provides an overview of the help desk for individuals interested in pursuing a career in technical support. The course will integrate strong real-world computer support examples, case studies, and group/</p>		

team exercises to emphasize the concepts of the course. *Students must complete the CTE Capstone Application Process for enrollment in this course.*

Human Services Service Area Course Descriptions

Course Name	Foods	
Course Number	192520 C192520 OL192520	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	None	
Course Description <p>This course provides practical cooking experience for each student. The time is spent preparing a wide variety of foods. Learning activities will emphasize the basic skills of cooking, principles of good nutrition and rules of etiquette. The hands-on, project-based approach to learning in a foods lab is an excellent way to enhance math, science and technical reading skills.</p>		


Course Name	Advanced Foods	
Course Number	192521	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	Foods	
Course Description <p>Students build on the skills and techniques learned in Foods as they prepare more elaborate foods and meals. Menu planning, purchase and storage of food, time management, food technology, culinary-related careers and the relationship between good eating habits and a healthy life-style are studied.</p>		


Course Name	International Foods: Europe & Africa	
Course Number	192522	
Credit	0.5 credit	This year, this course can run at:

Length	1 term	<ul style="list-style-type: none">● Central● Mid City● North● West
Prerequisite	Advanced Foods	


Course Description

International Foods: Europe and Africa provides students with the opportunity to prepare and taste foods from the countries of France, Germany, England, Italy, Ireland, Morocco, and Egypt. Students will learn about food preparation techniques and equipment unique to each region. As students prepare the cuisine of these regions, they will explore the cultural heritage, history, geography and food customs.

Course Name	International Foods: Asia, South America & Caribbean	
Course Number	192523	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	Advanced Foods	
Course Description International Foods: Asia, South America and the Caribbean provides students with the opportunity to prepare and taste foods from the countries of China, Japan, India, Brazil, Mexico, Jamaica and Cuba. Students will learn about food preparation techniques and equipment unique to each region. As students prepare the cuisine of these regions, they will explore the cultural heritage, history, geography and food customs.		

Course Name	Fundamentals of Baking	
Course Number	16056	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	1 term	
Prerequisite	International Foods: Asia, South America & Caribbean or International Foods: Europe & Africa	
Course Description <p>This course is for a student with very little baking or pastry experience. Students will cover the basics of theory and preparation of baked items. Science and math will play a large role in this course. Items the students will prepare include yeast bread, cookies, creams, puddings, pie crusts and filling and quick breads. The focus of the course is on standard production methods for a successful product in small and</p>		

large scale batches.

Course Name	ProStart	
Course Number	16098A, 16052A, 16052B, 16052C, 16052D, 16098B	
Credit	3 credits	This year, this course can run at: <ul style="list-style-type: none"> ● Central
Length	6 terms	
Prerequisite	International Foods: Asia, South America & Caribbean or International Foods: Europe & Africa and CTE Capstone Program Application	

Course Description

The ProStart program is certified by the National Restaurant Association that teaches students to become familiar with restaurants and foods service, while integrating practical skill sets in both the culinary arts and restaurant management.


Students will complete work experience and job training in a food service business or a related field. The student must work a minimum of 400 hours of paid employment during the school year. Students will be assisted in finding a job. This will be scheduled outside of the school day (16098A and 16098B).

After completing the course and required hours of employment, students will get national certification that will qualify them for articulation at community college culinary arts programs and some 4-year programs.

More information can be found at:

<https://myprostart.chooserestaurants.org/Programs-and-Scholarships/Meet-ProStart/Program-Overview>


Students must complete the CTE Capstone Application Process for enrollment in this course.

Course Name	Child Development & Parenting I	
Course Number	192550 OL192550	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● Mid City ● North ● West
Length	1 term	
Prerequisite	None	

Course Description


Child Development and Parenting I offers the opportunity to develop a positive understanding of the

growth and development of children and parenting skills. Class activities will emphasize the responsibilities and challenges of parenting. Students will study parenting, human reproduction, pregnancy and birth. Emphasis is placed on decision making skills and responsibilities of parenthood.

Course Name	Child Development & Parenting II	
Course Number	192551 OL192551	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> • Central • Mid City • North • West
Length	1 term	
Prerequisite	Child Development & Parenting I	


Course Description


This course is designed to help the student understand, appreciate and enjoy children. A child's physical, emotional, intellectual and social development from conception to five years of age will be studied. Observation of and participation with children will be provided through a short pre-school experience. This course must be taken prior to taking Early Childhood Education I.

Course Name	Early Childhood Education I	
Course Number	19052A	
Credit	2 credits	This year, this course can run at: <ul style="list-style-type: none"> • Children's Village West
Length	2 terms, 2 blocks	
Prerequisite	10th - 12th Grades Child Development & Parenting II; Background check required.	

Course Description



This course uses a hands-on approach in a preschool aged setting to begin the steps of earning the Child Development Associate while exploring careers in child-oriented care and related fields of study. Students spend time interacting in preschool rooms, planning, teaching and evaluating lessons for preschool children, and how to create and implement developmentally appropriate learning experiences for preschool children that focus on their physical, intellectual, emotional and social needs. Students will log 90 hours of hands-on experience of the 480 hours required for the CDA Certificate. Students must pass a background check. Transportation will be provided or students may drive. Learn more [HERE!](#) **Completion of ECE I, II, and III and successful CDA attainment will result in student being awarded 18 credit hours at Eastern Iowa Community College.**



Course Name	Early Childhood Education II	
Course Number	19052B	
Credit	2 credits	This year, this course can run at: <ul style="list-style-type: none">● Children’s Village West
Length	2 terms, 2 blocks	
Prerequisite	Early Childhood Education I; Background check required.	
Course Description <p>ECE II continues the work toward a Child Development Associate Certificate. During this course, students will focus on earning their required hours as well as developing a portfolio, a required component for the CDA Certificate. Students will continue to spend time interacting in preschool rooms, planning and teaching lessons that are developmentally appropriate learning experiences for students. Students will log 180 hours of hands on experience of the 480 hours required for the CDA Certificate. Students must pass a background check. Transportation will be provided or students may drive. Learn more HERE! Completion of ECE I, II, and III and successful CDA attainment will result in student being awarded 18 credit hours at Eastern Iowa Community College.</p>		

Course Name	Early Childhood Education III	 This year, this course can run at: <ul style="list-style-type: none">● Children’s Village West
Course Number	19052C	
Credit	2 credits	
Length	2 terms, 2 blocks	
Prerequisite	11th - 12th Grades Early Childhood Education II, Background check, and CTE Capstone Program Application	
Course Description <p>ECE III allows students the opportunity to complete their Child Development Associate Certificate. During this course, students will focus on completing the remaining hours needed to meet the 480 hour goal by spending time in preschool rooms, planning and implementing developmentally appropriate lessons. Students will also log the final needed 210 hours of hands on experience of the 480 hours required for the CDA Certificate. Students must pass a background check. Transportation will be provided or students may drive. Completion of ECE I, II, and III and successful CDA attainment will result in 18 credit hours at Scott Community College. Learn more HERE! Completion of ECE I, II, and III and successful CDA attainment will result in student being awarded 18 credit hours at Eastern Iowa Community College. <i>Students must complete the CTE Capstone Application Process for enrollment in this course.</i></p>		

Course Name	Educational Foundations	
Course Number	19151	


Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite		
Course Description <p>Introduction to the historical, cultural, and philosophical foundations of our system of American public education. Students will reflect upon and critique their own educational experiences and articulate their own beliefs and values about teaching, learning, and schooling. Students will also examine current and historical roles, expectations, stereotypes, and characterizations that define teaching as a profession. This course will include</p>		

Course Name	Career Exploration: Education	 
Course Number	SDV130 SDV130I	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	Education Foundations	
Course Description <p>This course is designed to involve students in educational and occupational orientation (as related to self) and to make valid educational choices. Participants have an opportunity to investigate employment opportunities in their field of interest. The college selection process is reviewed and an appropriate curriculum for students’ majors will be developed. This course awards college credit.</p>		

Course Name	Introduction to Education	 
Course Number	EDU213 EDU213I	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	SDV130: Career Exploration - Education and CTE Capstone Program Application	
Course Description		


This course presents an overview of the field of education, including foundations of American education, effective teacher characteristics, student engagement in the classroom, philosophies of education, classroom management strategies, and curriculum development. Current trends in education will be discussed and analyzed on topics such as school funding, professionalism, ethical and legal issues, student diversity, and classroom instruction. Students will complete a 40-hour observation practicum in a K-12 setting and complete a self-guided research project on an educational topic of their choice. Emphasis is placed on educational theory and beginning documentation of teacher education Interstate Teacher Assessment and Support Consortium (InTASC) standards. This course is recommended for students who plan to major in teacher education. **This course awards college credit.**

Students must complete the CTE Capstone Application Process for enrollment in this course.

Course Name	Teacher Assistant (TA)	
Course Number	19198A 19198B 19198C 19198D	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● Mid City ● North ● West
Length	1 term, repeatable	
Prerequisite		



Course Description

Students in the TA program are scheduled to work with a specific mentor teacher, assisting them in the classroom during this time. TAs may, under the supervision and direction of the mentor teacher, support classroom instruction with one on one or in small groups, help prepare materials for the mentor teacher's classes, ensure the safety of the students in the classroom on field trips or other adventures, assist in reviewing assessments, and engage in discussions of curriculum and lesson planning with the mentor teacher. Students who wish to be a teaching assistant can either reach out to the mentor teacher they wish to work with or talk to their counselor. Students may TA for multiple mentor teachers or the same mentor teacher in different terms.

Course Name	Interpersonal Dynamics	
Course Number	19260 C19260 OL19260	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● Mid City ● North ● West
Length	1 term	
Prerequisite		


Course Description

Communication skills, interpersonal relationships, conflict resolution and decision-making are emphasized in this class. Opportunities to examine the role of dating and the pressures associated with adult responsibilities are explored. Students will identify potential problems and learn coping skills. Drugs, abuse, sexually transmitted infections, AIDS, family planning, financial problems, divorce and death are topics of discussion.

Course Name	Independent Living	 
Course Number	19259 C19259 OL19259	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● Mid City ● North ● West
Length	1 term	
Prerequisite		


Course Description

Students will develop skills in establishing credit; managing money; using banking services; acquiring and maintaining a motor vehicle; finding a place to live; and selecting food, clothing and furnishings on a budget. Emphasis is placed on students learning decision-making skills and choosing a career. **Satisfies graduation financial literacy requirement.**

Course Name	Textile Technology	
Course Number	19201	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● Mid City ● North ● West
Length	1 term	
Prerequisite		


Course Description


This course is designed to help students apply principles of clothing selection to various work and social situations. They will develop or increase skills and techniques in sewing construction, purchasing clothing, and clothing care and repair. Hands-on applications of math and technical reading will enhance those skills. Students will sew projects and explore business opportunities in which they apply the skills they have learned. Students will be required to furnish or purchase all necessary materials to complete course requirements.

Course Name	Advanced Textiles	
Course Number	19204	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	Textile Technology	



Course Description


This course is designed for those students who want to further develop sewing skills through more difficult projects. Students will learn to make wise consumer choices as they apply math to the purchase of clothing, fabrics, and accessories. Uses of crafts for leisure-time activities will be explored. Students will set up a small business and explore entrepreneurship opportunities in career fields related to clothing and crafts. Students will be required to furnish or purchase all necessary materials to complete course requirements.

Course Name	Interior Design & Housing	
Course Number	19263	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	Advanced Textiles and CTE Capstone Program Application	
Course Description <p>This course covers the principles of decorating, furnishing and planning which enable the students to meet their housing needs. This course prepares students to make wise consumer choices regarding housing, such as in the selection of flooring, wallpaper, paint and window treatments. Students will draw a floor plan to scale and have the opportunity to develop their creativity and talents by working on various projects. <i>Students must complete the CTE Capstone Application Process for enrollment in this course.</i></p>		

Course Name	Explorers: Public Safety	
Course Number	15202	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● Mid City ● North
Length	1 term	
Prerequisite		



		<ul style="list-style-type: none"> West
<p>Course Description</p> <p>This course is the beginning level course in the Public Safety Pathway and prepares high school students for work in entry-level positions in Public Safety through classroom instruction, hands-on training and community experience. This pathway encompasses career opportunities in a variety of jobs in which the main focus is ensuring the general safety and well-being of the community. The careers included in this pathway primarily address public order, fire protection and emergency medical services.</p> <p>Students will learn the basic concepts designed to introduce them to Police, Fire, Emergency Medical Services and the 911 Communications Systems. Students will learn how each of these groups interacts and are interdependent. Instruction will focus on understanding the multitude of careers in the field of Public Safety and the various industry certifications available in the industry. Integrated throughout the course are career preparation standards, which include basic academic skills, communication, interpersonal skills, problem solving, and workplace safety, technology and employment literacy connected to core academic standards.</p>		

Course Name	Emergency Medical Technician	 
Course Number	EMS2021	
Credit	2 credits	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	<i>*Course length and schedule will be determined by Eastern Iowa Community College</i>	
Prerequisite	CTE Capstone Program Application	
Course Description <p>The Emergency Medical Technician Course is based on the National Emergency Medical Services Education Standards & Instruction Guidelines which is the National Standard Curriculum for Emergency Medical Services (EMS) Education which is the foundation of knowledge and skills of the Emergency Medical Technician (EMT). Upon successful completion of the program, the student will obtain the American Heart Association (AHA) Pediatric Emergency Assessment, Recognition, & Stabilization certification, and be eligible for the National Registry EMT Practical & Written Examination to obtain a National EMT license, and a State of Iowa EMT certification. This course awards college credit. <i>Students must complete the CTE Capstone Application Process for enrollment in this course.</i></p>		

Course Name	Independent Study - Human Services	
Course Number	19997 OL19997	
Credit	Determined by Proposal	<p>This year, this course can run at:</p> <ul style="list-style-type: none"> Central Mid City
Length	Determined by Proposal	



Prerequisite	DSCD Independent Study Proposal	<ul style="list-style-type: none">• North• West
Course Description Designed to allow students to pursue an area of study not already available. Before registering, the student must secure a faculty advisor within the family and consumer sciences department who will support the student's request and is willing to supervise the student's program. The DSCD Independent Study Proposal must be completed by the student no later than the term prior to the course scheduled term. Schedule is determined by the student and faculty advisor.		

Health Sciences Service Area Course Descriptions

Course Name	Principles of Biomedical Sciences	 
Course Number	03066A, 03066B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● North ● West
Length	2 terms	
Prerequisite	None	



Course Description

In the introductory course in the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine the factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems. The second term of this course satisfies the Cellular Biology graduation requirement.

Course Name	Human Body Systems	 
Course Number	03067A, 03067B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none"> ● North ● West
Length	2 terms	
Prerequisite	Principles of Biomedical Science	



Course Description

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

Course Name	Medical Interventions	 
Course Number	03068A, 03068B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none"> ● West
Length	2 terms	
Prerequisite	Human Body Systems	

Course Description


Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.


Course Name	Nurse Aide	 
Course Number	HSC172 HSC172I	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● Mid City ● North ● West
Length	<i>*Course length and schedule will be determined by Eastern Iowa Community College</i>	
Prerequisite	CTE Capstone Program Application	


Course Description


This 75-hour course meets the training of The Omnibus Budget Reconciliation Act of 1987 (OBRA) for aides working in nursing facilities (NF) and skilled nursing facilities (SNF). Emphasizes the achieving of a basic level of knowledge and demonstrating skills to provide safe, effective resident/client care. Students must be 16 years of age to attend clinical. Students must have proof of TB Mantoux test results within the current year, be 17 years of age by beginning of course, and have no lifting restrictions. [Information Packet linked here](#). *Students must complete the CTE Capstone Application Process for enrollment in this course.*


Applied Science Service Area Course Descriptions

Course Name	Basic Auto	
Course Number	201040	
Credit	0.5 credits	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	None	
Course Description This is an introductory course dealing with the importance of construction and operating principles of the modern automobile. Operating systems such as brakes, electrical and basic engine construction and operation will be covered in both textbook (theory) and lab (practical) instruction.		

Course Name	Introduction to Diesel Mechanics	
Course Number	20107	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Basic Auto Mechanics	
Course Description Rolling coal, pushing dirt, harvesting the fields, or heading down the tracks or highway, students will be introduced to diesel engine repair and maintenance. An introductory level course which allows for students to gain a base knowledge of diesel tasks and procedures commonly practiced by today’s diesel technicians.		


Course Name	Advanced Auto	
Course Number	201041	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Basic Auto Mechanics	
Course Description A continuation of Basic Auto Mechanics, this course deals with service procedures and repair techniques. The use of modern diagnosis protocols dealing with computerized controls will also be covered. Occupational outlook and preparation are stressed.		

Course Name	Auto Technology I	
Course Number	20104A, 20104B, 20104C, 20104D	
Credit	3 credits	This year, this course can run at: <ul style="list-style-type: none">● West
Length	4 terms, Early Bird and 1st Block	
Prerequisite	Advanced Auto and CTE Capstone Program Application	
Course Description <p>An ASE-structured classroom with multiple laboratory components, where the student will demonstrate the necessary learned skills such as mounting and balancing tires, performing regularly scheduled maintenance, diagnosing and repairing engines, troubleshooting check engine lights, servicing and repairing brakes, performing four wheel vehicle alignments, as well as other steering and suspension related repairs. This is a thorough introduction to the automobile that will culminate with the administration of three industry approved tests in the areas of: Maintenance and Light Repair, Brakes, and Steering and Suspension.</p> <p><i>Students must complete the CTE Capstone Application Process for enrollment in this course.</i></p>		


Course Name	Auto Technology II	
Course Number	20106A, 20106B, 20106C, 20106D	
Credit	3 credits	This year, this course can run at: <ul style="list-style-type: none">● West
Length	4 terms, Early Bird and 1st Block	
Prerequisite	Auto Technology I	


Course Description


This course will focus on the practical application of skills learned in Auto Technology I. The majority of time will be spent servicing customer vehicles. Students participating in this class will participate in a two-week internship at a local automotive dealership and will design, implement and produce a group project relating to the automotive industry. They will also operate the auto lab as a dealership service area scheduling all repair work and work schedules of the others in the class. An application must be completed. A screening process that takes into consideration attendance, discipline record, Auto Technology I grades and a recommendation from a teacher and counselor will be used to determine final participants.

Course Name	Construction Technology I	
Course Number	17001A OL17001A	

Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	None	
Course Description Construction Technology I exposes students to career opportunities in the construction trades. Students will learn safety, tools, math and basic carpentry.		

Course Name	Construction Technology II	
Course Number	17001B	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Construction Technology I	
Course Description Construction Technology II enhances the skills teamed in Construction Technology I with increased emphasis on blueprint reading and symbols by creating a scaled structure. Construction Technology II advances a student for employment or continued education in the occupations of construction trades.		



Course Name	Construction Technology III	
Course Number	17001C	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Construction Technology II	
Course Description <p>This course will further a student's knowledge of the construction world. Construction Technology III will have an increased focus on the specialty areas of plumbing, mechanical (heating/AC) and electrical systems.</p>		

Course Name	Wood Technology	
Course Number	17006	
Credit	0.5 credit	This year, this course can run at:

Length	1 term	<ul style="list-style-type: none"> • Central • North • West
Prerequisite	None	

Course Description

The fundamentals of hand tools and machine woodworking will be taught through lecture, demonstration and activities. Students will construct and apply a finish to a small wood item to develop skill in the use of tools and techniques. Safety will receive special emphasis. There is an additional fee for materials.

Course Name	Student Built Home	 
Course Number	CON170A, CON170B, CON171A, CON171B	
Credit	4 credits	This year, this course can run at: <ul style="list-style-type: none"> • West
Length	4 terms, 2 blocks each term (morning session and afternoon session)	
Prerequisite	Construction Technology II and CTE Capstone Program Application	

Course Description

CON:170 Building Construction Technique I provides practical application of selected construction techniques. Students learn construction techniques in preparation of flat concrete work as well as fundamentals of block laying and bricklaying techniques as they relate to basic construction. OSHA training, plumbing, framing, HVAC, roof sheathing and shingling will also be learned techniques.

CON:171 Building Construction Techniques II provides practical application of selected construction techniques. Students learn construction techniques in floor, wall and ceiling systems, stair construction and interior finishing skills.

Students must complete the CTE Capstone Application Process for enrollment in this course.



12 total college credits



Tools, equipment and a hard hat will be provided. Safety glasses, work shoes and work clothes must be furnished by the student. An application must be completed. A screening process, which takes into consideration attendance, discipline record, GPA and recommendations from teacher /counselor will be used to determine final participants. Construction Technology I, and II required. Construction Technology III strongly recommended. Seniors meeting the requirements will be given priority over juniors. Teacher recommendations will be weighed heavily.



Note: Students must arrange their own reliable transportation.

SCHOLARSHIPS FOR COLLEGE OR CARPENTRY TOOLS ARE READILY AVAILABLE UPON SUCCESSFUL COMPLETION OF THIS COURSE. For more information go to:



<http://www.qcarealtors.com/studentbuiltthomes.html>.



Course Name	Introduction to Engineering Design (IED)	 
Course Number	21017A, 21017B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	Corequisite: Algebra I	
Course Description <p>This course will expose students to the design process, engineering standards, research and analysis, technical documentation, global and human impacts, communication methods, and teamwork. Students will employ engineering and scientific concepts in the solution of engineering design problems. In addition, students will use Inventor, a 3D solid modeling design software package, to help them design solutions to solve proposed problems.</p>		


Course Name	Principles of Engineering (POE)	 
Course Number	21018A, 21018B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	Introduction to Engineering Design	
Course Description <p>A course that helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science and technology in an engineering problem-solving process to benefit people. The course also includes concerns about social and political consequences of technological change.</p>		

Course Name	Civil Engineering & Architecture (CEA)	 
Course Number	21021A, 21021B	
Credit	1 credit	
Length	2 terms	
Prerequisite	Geometry and Principles of Engineering	This year, this course can run at: <ul style="list-style-type: none">● West
Course Description		


This course provides an overview of civil engineering and architecture emphasizing the inter relationship of both fields. Students are presented with real world problems and are given the opportunity to apply knowledge to project planning, site planning, and building design using state-of-the-art software.



Course Name	Aerospace Engineering	 
Course Number	21019A, 21019B	
Credit	1 credit	
Length	2 terms	
Prerequisite	Geometry and Principles of Engineering	This year, this course can run at: <ul style="list-style-type: none">● Central
Course Description <p>Students explore the physics of flight and space through software simulations and hands-on experiences. They bring concepts to life by designing and testing an airfoil, propulsion system, and a rocket. Students learn how these concepts apply to a career in aerospace engineering and other engineering fields.</p>		


Course Name	Engineering Design & Development (EDD)	 
Course Number	21025A, 21025B	
Credit	1 credit	
Length	2 terms	
Prerequisite	Civil Engineering and Architecture or Aerospace Engineering and CTE Capstone Program Application	
		This year, this course can run at: <ul style="list-style-type: none">● West
Course Description <p>This is an engineering research course in which students work in teams to research, design and construct a solution to an open-ended engineering problem. Students apply principles learned in prior required courses. Teams will defend their solution to the engineering problem.</p> <p><i>Students must complete the CTE Capstone Application Process for enrollment in this course.</i></p>		

Course Name	Metals, Materials, & Processes	
Course Number	130530	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> Central
Length	1 term	

Prerequisite		<ul style="list-style-type: none"> • North • West
Course Description This is an introductory course in the use of metal as a building material. Students will learn to turn pieces of metal into useful items through the use of forge and foundry machine tools, grinding and cutting equipment Safety will be given special emphasis. There is an additional fee for materials.		

Course Name	Advanced Metals, Materials, & Processes	
Course Number	030531	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● West
Length	1 term	
Prerequisite	Metals, Materials, & Processes	
Course Description The student will gain skills by building personal projects utilizing the skills acquired from the basic course. The occupations associated with the various areas, their requirements for entrance into the job market, and the technologies of the modern metalworking industries will be studied. There is an additional fee for materials.		


Course Name	Computer Integrated Manufacturing (CIM)	 
Course Number	21022A, 21022B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● West
Length	2 terms	
Prerequisite	Principles of Engineering, Advanced Metals, Materials, and Process, and CTE Capstone Program Application	
Course Description <p>This course builds on computer solid modeling skills. Students use CNC equipment to produce actual models of their three-dimensional designs. Fundamental concepts of robotics used in automated manufacturing and design are included.</p> <p><i>Students must complete the CTE Capstone Application Process for enrollment in this course.</i></p>		


Course Name	Basic Mig Welding	
Course Number	13207A	


Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite		


Course Description



Basic Mig Welding is the first class in the welding program sequence which culminates at the Vocational level for students who want to pursue a career in manufacturing or construction. Students will learn the most widely used welding process in the world to complete basic weld joint constructions as well as learn to operate in a full functioning industrial manufacturing environment. Welding cap and gloves will be required.

Course Name	Basic Stick Welding	
Course Number	13207B	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Basic Mig Welding	
Course Description <p>Basic Stick Welding is the second class in the welding program sequence which culminates at the Vocational level for students who want to pursue a career in manufacturing or construction. Designed to introduce students to the process used in many skilled trades arenas such as pipefitters and ironworkers, basic stick welding is another globally popular method of joining metal together. Welding cap and gloves will be required.</p>		

Course Name	Advanced Welding	
Course Number	13207C	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Basic Stick Welding	
Course Description <p>Advanced Welding is the third course in the sequence and builds on the out of position skill sets learned in the basic courses as well as introduces students to the small fabrication projects. This course is recommended to acquire the skills necessary for the Vocational level program.</p>		

Course Name	Vocational Welding I	
Course Number	13208A, 13208B, 13208C, 13208D	
Credit	3 credits	This year, this course can run at: <ul style="list-style-type: none">● West
Length	4 terms, Early Bird and 1st Block	
Prerequisite	Advanced Welding and CTE Capstone Program Application Corequisite: MFG106I - Workplace Safety	
Course Description <p>The Vocational Welding Program is registered with the American Welding Society as a participating SENSE Program which provides successful completers with entry-level certifications recognized all over the world by welding professionals. Class begins at 6:45 a.m. and runs for the entire school year.</p> <p><i>Students must complete the CTE Capstone Application Process for enrollment in this course.</i></p>		

Course Name	Vocational Welding II	
Course Number	13208E, 13208F, 13208G, 13208H	
Credit	3 credits	This year, this course can run at: <ul style="list-style-type: none">● West
Length	4 terms, Early Bird and First Block	
Prerequisite	Vocational Welding I	
Course Description Designed to build on the fundamentals of the Vocational Welding I program; this fourth course focuses heavily on real-life job site preparedness and responsibilities. Safety attitudes, fabrication techniques, Individual and team projects and certification level welding skill attainment are all outcomes of the program. An application must be submitted. Selection will focus on the successful completion of Vocational Welding I, attendance, disciplinary history, graduation requirements and safety history in Technology Education courses. This is a senior level course, which meets five days a week, for approximately ninety minutes a day.		

Course Name	Workplace Safety	 
Course Number	MFG106I	
Credit	0.5 credits	This year, this course can run at: <ul style="list-style-type: none"> ● West
Length	<i>*Course length and schedule will be determined by Eastern Iowa Community College</i>	

Prerequisite	Corequisite: Vocational Welding I	
Course Description This course introduces students to the recognition, avoidance, abatement, and prevention of safety and health hazards in workplaces. Students successfully completing this course will receive an OSHA 10-Hour General Industry card. <i>Students must complete the CTE Capstone Application Process for enrollment in this course.</i>		

High School Registered Apprenticeships

Students can follow a series of courses to build their technical skills and have the opportunity to apply for one of the limited apprenticeship positions. Selected apprentices work with industry partners while going to school, earning income while learning key skills. Upon completion of the program, students will earn a Department of Labor Apprenticeship Certificate that is valid anywhere in the United States. This is a fast track program for students interested in pursuing the career pathway.

More information about Davenport's High School Registered Apprenticeships can be found on at:
<http://tinyurl.com/DavenportCTE>

Additional information about the Department of Labor's High School Registered Apprenticeships can be found here: <https://www.earnandlearniowa.gov/>

Airframe Mechanic - Teacher Contact: Mr. Kissack, kissackd@davenportschools.org

HS Year		
9th Grade	Basic Auto* Introduction to Engineering	IJAG 1
10th Grade	Construction Tech 1*	IJAG 2
11th Grade	Aerospace Engineering	IJAG 3
Summer	Placement with partner company, 40 hours a week	
12th Grade	Work part-time with partner company, 20 hours a week <i>Can be during or outside of school day</i>	IJAG 4
After HS Graduation	Work full time with partner company to complete 2000 hours on the job training and competencies to complete Apprenticeship	

*required course for registered apprenticeship program. Other courses should be considered highly suggested.

Certified Nursing Assistant (CNA) - Contact: Morgan Kuhlman kuhlmanm@davenportschools.org

HS Year	
9th Grade	Health Education

10th Grade	Principles of Biomedical Engineering	
11th Grade	Anatomy and Physiology OR Human Body Systems	
Summer	Placement with partner company, 40 hours a week	
12th Grade	Work part-time with partner company, 20 hours a week <i>Can be during or outside of school day</i>	CNA Program with embedded Dependent Adult Abuse Certificate
After HS Graduation	Work full time with partner company to complete 2000 hours on the job training and competencies to complete Apprenticeship	

Electronic Systems Technician - Teacher Contact: Mr. Massey masseyd@davenportschools.org

HS Year		
9th Grade	Construction Tech 1	Computer Science Essentials
10th Grade	AP Computer Science Principles	
11th Grade	Cybersecurity	AP Computer Science A
Summer	Placement with partner company, 40 hours a week	
12th Grade	Vocational Computer Science Work part-time with partner company, 20 hours a week <i>Can be during or outside of school day</i>	
After HS Graduation	Work full time with partner company to complete 6000 hours on the job training and competencies to complete Apprenticeship	

Machinist - Teacher Contact: Mr. Smith smithge@davenportschools.org

HS Year		
9th Grade	Introduction to Engineering	
10th Grade	Metals, Materials and Processes	Basic Mig Welding
11th Grade	Advanced Metals Materials and Processes	Construction Tech 1
Summer	Placement with partner company, 40 hours a week	
12th Grade	Work part-time with partner company, 20 hours a week <i>Can be during or outside of school day</i>	
After HS Graduation	Work full time with partner company to complete 2000 hours on the job training and competencies to complete Apprenticeship	

Software Engineering - Teacher Contact: Mr. Massey masseyd@davenportschools.org

HS Year		
9th Grade	AP Computer Science Principles	
10th Grade	Fundamentals of Web Design	Java OR Python
11th Grade	AP Computer Science A	
Summer	Placement with partner company, 40 hours a week	
12th Grade	Cybersecurity Work part-time with partner company, 20 hours a week <i>Can be during or outside of school day</i>	
After HS Graduation	Work full time with partner company to complete 6000 hours on the job training and competencies to complete Apprenticeship	


Welding - Teacher Contact: Mr. Zinn zinnan@davenportschools.org


HS Year		
9th Grade	Basic Mig Welding	Basic Stick Welding
10th Grade	Advanced Welding	
11th Grade	Vocational Welding I - 4 terms (Early Bird and 1st Block)	
Summer	Placement with partner company, 40 hours a week	
12th Grade	Vocational Welding II - 4 terms Work part-time with partner company, 20 hours a week <i>Can be during or outside of school day</i>	
After HS Graduation	Work full time with partner company to complete 2000 hours on the job training and competencies to complete Apprenticeship	

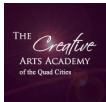
Performing and Visual Arts

Performing Arts Course Options			
Band	9th Grade Band	Jazz Band	Marching Band - EB
	Band	Orchestra Winds	Marching Band
	Concert Band		
Orchestra	9th Grade Orchestra	Orchestra	Concert Orchestra
Chorus	Freshman Chorus	Singers	Chamber Singers
	Treble Chorus	Concert Chorale	Varsity Show Choir
	Bass Chorus	Varsity Chorus	Preparatory Show Choir
Music Technology	Music Production 1	Music Production 2	
Music Theory	MUS100: Music Appreciation	Piano Lab 1	Piano Lab 2
	MUS120: Music Theory 1	MUS123: Music Theory 2	
Theatre	Theatre 1 - Fundamentals	Technical Theatre 1	CAA History of Theatre
	Theatre 2 - Advanced	Technical Theatre 2	CAA Drama Characters and Styles
	CAA Theatre Around the World	CAA Major Playwright	Theatre Capstone
Visual Arts Course Options			
2D Art	Introduction to 2-D Art	CAA Advanced Drawing	Advanced Studio (2-D)
	Drawing	CAA Advanced Painting	AP Studio Art 2-D
	Painting	CAA Illustration and Design	ART101: Art Appreciation
3D Art	Introduction to 3-D Art	Sculpture	Advanced Studio (3-D)
	Ceramics	Jewelry & Metals	AP Studio Art 3-D
Communication Media*	Introduction to Digital Arts	Camera and Lighting Fundamentals	Digital Photography
	Animation	Advanced Photography	Motion/Graphic Video
	Computer Graphics and Design 1	Computer Graphics and Design 2	CAA Animation & Advanced 3D
	CAA Broadcast and Sound Fundamentals 1	CAA Broadcast and Sound Fundamentals 2	CAA Advanced 3D & Game Design

Performing Arts Course Description

Course Name	9th Grade Band	
Course Number	051019A, 051019B, 051019C, 051019D 051019AALT, 051019BALT, 051019CALT, 051019DALT 051019ATri, 051019BTri, 051019CTri, 051019DTri	
Credit	2 credits	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	4 terms	
Prerequisite	Grade 7/8 Band Training or Director Approval	
Course Description The approval of the band director is required. Students meet five class periods plus one individual lesson per week. Out of school rehearsal time may be required.		


Course Name	Band	
Course Number	05101A, 05101B, 05101C, 05101D 05101AALT, 05101BALT, 05101CALT, 05101DALT	
Credit	2 credits	This year, this course can run at: <ul style="list-style-type: none">● North● West
Length	4 terms	
Prerequisite	Grade 7/8 Band Training	
Course Description The approval of the band director is required. Students meet five class periods plus one individual lesson per week. Out of school rehearsal time may be required.		

Course Name	Concert Band	
Course Number	05102A, 05102B, 05102C, 05102D 05102AALT, 05102BALT, 05102CALT, 05102DALT 05102ATri, 05102BTri, 05102CTri, 05102DTri	
Credit	2 credits	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	4 terms	
Prerequisite	Grade 9 Band Training or Director Approval	
Course Description <p>The approval of the band director is required. Students meet five class periods plus one individual lesson per week. Out of school rehearsal time may be required. Students will be placed in 1 of 3 upper level concert bands.</p> <p>Concert Band provides students with a balanced comprehensive study of music through the concert band,</p>		

which develops skills in the psychomotor, cognitive, and affective domains. Instruction is designed so that students are enabled to connect, examine, imagine, define, try, extend, refine, and integrate music study into other subject areas. Ensemble and solo activities are designed to develop elements of musicianship including, but not limited to: (1) tone production, (2) technical skills, (3) intonation, (4) music reading skills, (5) listening skills (6) analyzing music and (7) studying historically significant styles of literature. Experiences include, but are not limited to, improvising, conducting, playing by ear and sight-reading. Students develop the ability to understand and convey the composer's intent in order to connect the performer with the audience. Students experience live performances by professionals during and outside of the school day. Time outside of the school day may be scheduled for dress rehearsals and performances. A limited number of public performances may serve as a culmination of daily rehearsal and musical goals. Students are required to participate in performance opportunities, outside of the school day, that support and extend learning in the classroom.

Students are also required to participate in pep band periodically. Pep bands perform at varsity girls and boys home basketball games. They are not required to pay admission to the games. Pep band schedules will be distributed in concert band class.


Band repertoire must be of the highest caliber. Mastery of advanced wind band technique must be evident. Areas of refinement consist of advanced techniques including, but not limited to: (1) intonation, (2) balance and blend, (3) breathing, (4) tone production, (5) tone quality, (6) technique, (7) rhythm, (8) sight-reading, and (9) critical listening skills. Evaluation of music and music performances is included.

Course Name	Orchestra Winds	
Course Number	051041A, 051041B	
Credit	0.5 credit (0.25 credit per term)	This year, this course can run at: ● Central
Length	2 terms	
Prerequisite	Concurrent enrollment in Band and Audition required.	

Course Description

This course is for woodwind and brass players who wish to experience playing in an orchestra. Rehearsals lead to a public performance. Field trips and out of school rehearsals and performances will be required.

The orchestra and band director's approval is required.

Course Name	Marching Band	
Course Number	05103	
Credit	1 credit	This year, this course can run at: ● Central
Length	2 terms	
Prerequisite	Enrolled In Concert Band or Director Approval	

Course Description

Marching Band is a performance-based class which is co-curricular in nature. This is a volunteer organization. Students must be enrolled in a concert band or orchestra in order to participate in the woodwind, brass, or percussion sections. Out-of-class rehearsals and performances are required and are included in the students final grade. The Marching Blue Devils is an ensemble that functions as a competitive marching band and competes at the regional, state, and national level, as well as at all home varsity football games, community events and concerts. While all students will perform in some capacity, it should be noted that not all students will be full time performers and performance time will vary.


Important notice to guardians: All rehearsals are mandatory unless a student is excused by a director. Please make every effort to plan vacations, summer camps, doctor appointments, etc. during times that the band is not rehearsing.

Course Name	Marching Band - EB	This year, this course can run at: <ul style="list-style-type: none"> West
Course Number	05103EB	
Credit	0.25 credit	
Length	1 term	
Prerequisite	Enrolled In Concert Band or Director Approval	

Course Description

Marching Band is a performance-based class which is co-curricular in nature. Students must be enrolled in a concert band or orchestra in order to participate in the woodwind, brass, or percussion sections.

Important notice to guardians: All rehearsals and performances are mandatory unless a student is excused by a director.

Course Name	Jazz Band	
Course Number	05105A, 05105B	
Credit	1 credit	
Length	2 terms	
Prerequisite	Must Be Enrolled In Concert Band or Orchestra and Complete an Audition in the Fall	

Course Description

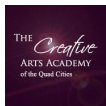
Students taking this course develop musicianship and specific performance skills through group and individual settings for the study and performance of the varied styles of instrumental jazz. The instruction includes the study of the history, formative, and stylistic elements of jazz. Students develop their creative skills through: improvisation, composition, arranging, performing, listening, and analyzing. Instruction is designed so that students are enabled to connect, examine, imagine, define, try, extend, refine, and

integrate music study into other subject areas.


Students are provided with opportunities to experience live performances by professionals during and outside of the school day. Some time outside of the school day may be scheduled for dress rehearsals and performances. In addition, some public performances may serve as a culmination of daily rehearsal and music goals. Students must participate in performance opportunities, outside of the school day, that support and extend the learning in the classroom. Student participants must also be receiving instruction in another band or orchestra class offering, at the discretion of the director.

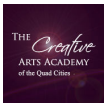
Jazz Band classes will meet outside of the traditional school day. Auditions are required, with more information from your ensemble director on how to audition.

Course Name	Orchestra	
Course Number	05104A, 05104B, 05104C, 05104D 05104AALT, 05104BALT, 05104CALT, 05104DALT 05104ATri, 05104BTri, 05104CTri, 05104DTri	
Credit	2 credits	This year, this course can run at: <ul style="list-style-type: none">● North● West
Length	4 terms	
Prerequisite	Grade 7/8 Orchestra Training or Audition required	
Course Description Orchestra is a two-semester, two-credit course that meets every day and provides students opportunities to study and perform within large and small instrumental ensembles and become lifelong learners of the arts. Orchestra is offered all four years of high school. Students will participate in a variety of musical and aesthetic experiences through performance of music from a wide variety of styles, genres, cultures, and historical periods. This ensemble will perform outside of the school day several times during the year including major concerts and festivals. Students meet five class periods plus one lesson per week.		

Course Name	9th Grade Orchestra	
Course Number	051049A, 051049B, 051049C, 051049D 051049AALT, 051049BALT, 051049CALT, 051049DALT 051049ATri, 051049BTri, 051049CTri, 051049DTri	
Credit	2 credits	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	4 terms	
Prerequisite	Grade 7/8 Orchestra Training or Audition required.	
Course Description This class will have high standards for performance and include fundamentals and enhancing of orchestra playing, including violin, viola, cello, and bass. Students will learn the fundamentals of music in relation to rhythm and note reading, recognition of key signatures, articulations, musical styles, and overall		


performance techniques on their string instrument. Emphasis will be placed on learning music in a variety of styles that will apply these skills. Students in 9th Grade Orchestra will meet five class periods per week and students will receive an individual or small group lesson each week. Participation is required at concerts.

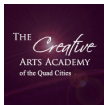
Course Name	Concert Orchestra	
Course Number	05104CA, 05104CB, 05104CC, 05104CD 05104CAALT, 05104CBALT, 05104CCALT, 05104CDALT 05104CATri, 05104CBTri, 05104CCTri, 05104CDTri	
Credit	2 credits	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	4 terms	
Prerequisite	9th Grade Orchestra or Audition	
Course Description This class will have high standards for performance and include fundamentals and enhancement of string orchestra playing, including violin, viola, cello, bass and piano. Students will learn to develop an appreciation of music, build skills for efficient practicing, follow a conductor, and increase music literacy - including music reading, recognizing articulations and musical styles, and understanding musical terms. Students will receive exposure to music's relation to history and art. Emphasis will also be placed on exposing each student to a variety of performing experiences and music in which to apply these skills. Students meet five class periods plus one lesson per week. Participation is required for concerts and possible morning and evening rehearsals relating to competition.		


Course Name	Freshman Chorus	
Course Number	05110A, 05110B, 05110C, 05110D 05110AALT, 05110BALT, 05110CALT, 05110DALT 05110ATri, 05110BTri, 05110CTri, 05110DTri	
Credit	2 credits	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	4 terms	
Prerequisite	Audition required	
Course Description A 9th grade mixed choir.		

Course Name	Singers	
Course Number	051101A, 051101B, 051101C, 051101D	

Credit	2 credits	This year, this course can run at: <ul style="list-style-type: none">• North• West
Length	4 terms	
Prerequisite	Audition required	
Course Description An entry-level mixed choir.		

Course Name	Treble Chorus	
Course Number	051104A, 051104B, 051104C, 051104D 051104AALT, 051104BALT, 051104CALT, 051104DALT 051104ATri, 051104BTri, 051104CTri, 051104DTri	
Credit	2 credits	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	4 terms	
Prerequisite	Audition required	
Course Description An upper-level treble choir.		

Course Name	Bass Chorus	
Course Number	051105A, 051105B, 051105C, 051105D 051105AALT, 051105BALT, 051105CALT, 051105DALT 051105ATri, 051105BTri, 051105CTri, 051105DTri	
Credit	2 credits	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	4 terms	
Prerequisite	Audition required	
Course Description An upper-level bass choir.		

Course Name	Concert Chorale	
Course Number	051102A, 051102B, 051102C, 051102D 051102AALT, 051102BALT, 051102CALT, 051102DALT 051102ATri, 051102BTri, 051102CTri, 051102DTri	
Credit	2 credits	This year, this course can run at: <ul style="list-style-type: none"> • Central
Length	4 terms	

Prerequisite	Audition required	<ul style="list-style-type: none"> • North • West
Course Description An upper-level mixed choir.		

Course Name	Varsity Chorus	
Course Number	051103A, 051103B, 051103C, 051103D 051103AALT, 051103BALT, 051103CALT, 051103DALT 051103ATri, 051103BTri, 051103CTri, 051103DTri	
Credit	2 credits	
Length	4 terms	
Prerequisite	Audition required	This year, this course can run at: <ul style="list-style-type: none">● North● West
Course Description A mid-level mixed choir.		

Course Name	Chamber Singers	
Course Number	051110A, 051110B, 051110C, 051110D 051110AALT, 051110BALT, 051110CALT, 051110DALT 051110ATri, 051110BTri, 051110CTri, 051110DTri	
Credit	2 credits	This year, this course can run at: <ul style="list-style-type: none">● North● West
Length	4 terms	
Prerequisite	Corequisite of Concert Chorale	
Course Description An upper-level mixed choir.		

Course Name	Varsity Show Choir	This year, this course can run at: <ul style="list-style-type: none"> • Central • North • West
Course Number	051111A, 051111B	
Credit	1 credit	
Length	2 terms	
Prerequisite	Corequisite of any curricular chorus. Audition required.	


Course Description

This co-curricular course is open to students in grades 9-12 by audition only. Varsity Show Choir is an upper level (varsity) ensemble that will focus on vocal skills and technique, specifically in the styles of contemporary popular music and musical theater and also incorporate dance and movement. The ensemble will meet outside of the school day for rehearsals and will travel locally, regionally, and sometimes nationally to perform both competitive and exhibition level performances.

Course Name	Preparatory Show Choir	This year, this course can run at: <ul style="list-style-type: none"> Central
Course Number	051112A, 051112B	
Credit	1 credit	
Length	2 terms	
Prerequisite	Corequisite of any curricular chorus. Audition required.	


Course Description

This co-curricular course is open to students in grades 9-12 by audition only. Preparatory Show Choir is an preparatory ensemble that will focus on vocal skills and technique, specifically in the styles of contemporary popular music and musical theater and also incorporate dance and movement. The ensemble will meet outside of the school day for rehearsals and will travel locally, regionally, and sometimes nationally to perform both competitive and exhibition level performances.



Course Name	Music Production 1	
Course Number	CAA05123A	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> Central
Length	1 term	
Prerequisite	Audition for CAA	

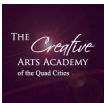
Course Description


Students will use Garageband, Logic, Soundtrap, and other industry standards to make, mix, and produce music.

Course Name	Music Production 2	
Course Number	CAA05123B	
Credit	0.5 credit	This year, this course can run at:

Length	1 term	● Central
Prerequisite	Music Production 1	
Course Description Students will build on the information from music production 1 and utilize music composition software.		

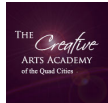
Course Name	Music Appreciation	 
Course Number	MUS100	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● North
Length	1 term	
Prerequisite	None	
Course Description <p>This course introduces students to an exploration of the basic music elements, a survey of musical periods and their characteristics from the ancient through the twentieth century; and a discussion of the differences between Western and non-Western musical form and function. Listening and concert attendance is required.</p>		

Course Name	Piano Lab 1	
Course Number	CAA05017A	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	1 term	
Prerequisite	Audition in CAA	
Course Description Students will learn the basic use of the piano and work through Alfred's Adult Piano Book 1.		

Course Name	Piano Lab 2	
Course Number	CAA05017B	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> Central
Length	1 term	
Prerequisite	Piano Lab 1	

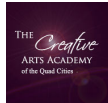
Course Description

Students will expand on their knowledge of the piano and work through Alfred's Adult Piano Book 2.

Course Name	Music Theory 1	
Course Number	MUS120	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central
Length	1 term	
Prerequisite	Audition in CAA	


Course Description

This course introduces students to the basic elements of music, music reading and elementary ear training. Notation skills are emphasized. This course awards college credit.

Course Name	Music Theory 2	
Course Number	MUS123	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central
Length	1 term	
Prerequisite	Music Theory 1	

Course Description


This course introduces students to techniques and materials of diatonic music, including melodic, harmonic and structural analysis. Students will learn tonal harmony through part writing and harmonization of melodies. Sight singing and aural skills included. This course awards college credit.

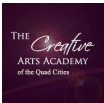
Course Name	Theatre 1 - Fundamentals	
Course Number	05052A	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● North ● West
Length	1 term	
Prerequisite		


Course Description

Fundamentals of Theatre (Theatre I) is a one term course which explores the rich traditions of theatre around the world, from its beginnings in Ancient Greece to its current expression in various cultures and societies. Students will discover common themes and threads throughout these varying traditions while also


identifying the unique features of theatre in each time period or culture. Students will demonstrate their learning through individual and team projects, presentations, and performances.


Course Name	Technical Theatre 1	
Course Number	05056A	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite		
Course Description <p>Technical Theatre 1 is for students interested in extending their knowledge in the technical areas of theatre. Students get hands-on experience in set construction/painting techniques, production staffs, make-up, sound, properties, and directing in a project-based format. Learning will be focused on problem-solving and creative analysis of theatre-related projects, topics, and tasks. Tech I - Students will learn about theatrical production components, script/show research, and theatrical design and construction techniques through hands-on learning experiences.</p>		


Course Name	Theatre 2 - Advanced	
Course Number	05052B	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	1 term	
Prerequisite	Theatre 1 - Fundamentals	
Course Description Designed for students who have taken Theatre I or who have already demonstrated interest and commitment to studying and performing live theatre. Here students extend their knowledge of the theatre by performing in a variety of acting styles. Students gain experience in voice techniques and dialects. Class scenes or a one-act play may lead to a public performance. An overview of technical theatre may be included. This class may build and paint the set for the play or musical. Students may gain experience in lights, sound, makeup and directing. Prerequisite: Fundamentals of Theatre		

Course Name	Technical Theatre 2	
Course Number	05056B	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central
Length	1 term	


Prerequisite	Technical Theatre 1	
Course Description Using knowledge from Technical Theatre I and involvement in school productions, students will work on a production team, creating and executing usable designs for a school production. sound, properties and directing. Students will learn about theatrical production components, script/show research, and theatrical design and construction techniques through hands-on learning experiences.		


Course Name	CAA - History of Theatre	
Course Number	CAA05059A	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	1 term	
Prerequisite	Theatre 2 - Advanced and CAA Audition	
Course Description <p>Theatre History is a one term course which covers the foundations and development of theatre. We start with the origins of theatre, cover different historical periods' approach to theatre, and finally, we will expose students to different styles of theatre which have grown out of theatre's rich history. Students will demonstrate their understanding of theatre through presentations and performances.</p>		

Course Name	CAA Drama Characters and Styles	
Course Number	CAA05055	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	1 term	
Prerequisite	Theatre 2 - Advanced and CAA Audition	
Course Description <p>Drama Characters and Styles is a one term course which covers main aspects in how you use your body on stage. It covers different elements which enhance the way an actor performs. It is a project based class where students learn from performance and observation.</p>		


Course Name	CAA Theatre Around the World	
Course Number	CAA05059B	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> Central
Length	1 term	

Prerequisite	Theatre 2 - Advanced and CAA Audition	
Course Description CAA Theatre Around the World is a one term course which covers main aspects in how theatre is performed in different countries. It covers different elements which enhance the way an actor performs. It is a project based class where students learn from performance and observation		


Course Name	CAA Major Playwright	
Course Number	CAA05058	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	1 term	
Prerequisite	CAA History of Theatre	
Course Description CAA Major Playwright is a one term course which covers historically and culturally significant playwrights. They analyze their major works both through reading them and performing them.		


Course Name	CAA Theatre Capstone	
Course Number	CAA05098	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	1 term	
Prerequisite	CAA Major Playwright	
Course Description		

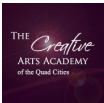
Visual Art Course Descriptions

Course Name	Introduction to 2-D Art	
Course Number	05115 C05115	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite		
Course Description		

In this course students learn skills and techniques needed to express and communicate their ideas and feelings through various drawing / painting materials. An introduction to the history of drawing and painting is included. There will also be an Introduction to building an Online Art Portfolio.


Course Name	Drawing	
Course Number	05156 C51056	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Introduction to 2-D Art (Drawing and Painting)	
Course Description <p>This advanced course challenges students to create beyond the basic skills. Students become knowledgeable in advanced perspective and drawing from life, project development and presentation. Students will experiment, plan, and make multiple works of art and design that explore a personally meaningful theme, idea, or concept.</p>		

Course Name	Painting		
Course Number	05157		
Credit	0.5 credit		This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term		
Prerequisite	Into 2-D		
Course Description This advanced course challenges students to create beyond the basic skills. Students become knowledgeable in advanced color theory, brush usage, project development and presentation. Students will generate plans for ideas and directions for creating art and design that can affect social change.			

Course Name	CAA Advanced Drawing	
Course Number	CAA05156A, CAA05156B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	2 terms	
Prerequisite	Drawing or Painting and Audition to CAA	

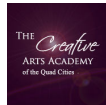
Course Description

Advanced Drawing is a continuation and expansion of Drawing. Emphasis is placed on in depth studies in: visual design, observational studies, and drawing. Units will continue to focus on concept development, and the elements and principles of design to generate original compositions and designs. Subject matter may include, but is not limited to, the human figure, organic forms, landscape, and everyday objects.

Course Name	CAA Advanced Painting	
Course Number	CAA05157A, CAA05157B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	2 terms	
Prerequisite	Drawing or Painting and Audition to CAA	


Course Description

This course takes the student to new levels of knowledge and skills in Painting. A variety of color mediums (including oils), techniques, and styles will be explored and taught. The CAA painting course facilitates students learning to improve their knowledge and abilities to express themselves in their paintings.

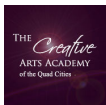
Course Name	CAA Illustration & Design	
Course Number	CAA05154A, CAA05154B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	2 terms	
Prerequisite	Advanced Painting or Advanced Drawing	

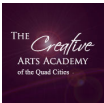
Course Description

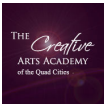
This CAA course guides the student in the use of the design process and its elements. A variety of 2-D and 3D mediums (including silkscreening) will be used in exploring the design creative process. This course also covers and helps the student experience careers in Illustration and Design. This will allow students the chance to improve in their abilities and awareness of design in the world they live in.

Course Name	Introduction to 3-D Art	
Course Number	05158 C05158	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City
Length	1 term	


Prerequisite		<ul style="list-style-type: none"> • North • West
Course Description In this course students learn skills and techniques needed to express and communicate their ideas and feelings through various sculpting / ceramic materials. An introduction to the history of art is included. There will also be an Introduction to building an Online Art Portfolio.		


Course Name	Ceramics	
Course Number	05159	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	Introduction to 3-D Art	
Course Description <p>Provides students many opportunities to design and form different objects in clay. Many processes are introduced, such as slab construction, coil construction and wheel throwing. An introduction to the history of ceramics is included. Students are encouraged to explore the work of individual artists as they relate to their projects. Course can be repeated for credit.</p>		

Course Name	Sculpture	
Course Number	051581	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	Introduction to 3-D Art	
Course Description <p>Sculpture involves the design and creation of artistic forms and objects. Many processes are introduced such as modeling, carving and casting. An introduction to the history of sculpture is included.</p>		

Course Name	Jewelry & Metals	
Course Number	05166	


Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● West
Length	1 term	
Prerequisite	Drawing and Ceramics or Sculpture	
Course Description <p>This advanced course provides students with higher level knowledge and skills in the art of jewelry design and production. Techniques including sawing, enameling, soldering, fabricating and use of ‘lost wax’ casting procedures provide the focus for instruction. Use of torches for soldering and small jeweler’s saws for cutting are necessary. Silver and stones need to be purchased by students outside of class.</p>		

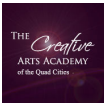
Course Name	Introduction to Digital Arts	
Course Number	05162	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite		
Course Description Introduction to Adobe software, visual design principles, web design intro, and interactive multimedia components. Introduction to principles of photography. There will also be an introduction to building an Online Art Portfolio.		

Course Name	Camera and Lighting Fundamentals	
Course Number	110512A, 110512B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	2 term	
Prerequisite	Introduction to Digital Arts	
Course Description <p>Camera and Lighting Fundamentals will allow students to obtain firsthand experience through actual Problem Based Learning opportunities in the studio and remotely. They will have access to studio lights and modifiers and will participate in several units of study that will allow them to gain knowledge and skills necessary to utilize these tools. Students will experience both photography and video activities.</p>		


Course Name	Digital Photography	
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Course Number	051670 OL051670A, OL051670B	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Length	1 term	
Prerequisite	Introduction to Digital Arts	
Course Description Students will explore techniques and applications of acquiring, manipulating and outputting digitized photographic images utilizing Adobe Photoshop. They will receive grounding in both technical and creative photographic processes, as well as the compositional principles of layout. Students must have access to a high definition digital camera (which can include a high quality cell phone camera).		

Course Name	Animation	
Course Number	05177	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	1 term	
Prerequisite	Introduction to Digital Arts	
Course Description <p>In addition to continuing your experiences with motion graphics and video, this course introduces you to advanced techniques in animation and 3-D design. Several techniques for animation will be explored including frame-by-frame, rotoscoping and tweening. 3-D design will be utilizing both Adobe products such as Photoshop and Autodesk products such as Maya. A culminating activity will be to develop a video reel to portfolio your work.</p>		


Course Name	<u>Advanced Photography</u>	
Course Number	051671 OL051671	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	1 term	
Prerequisite	Digital Photography	
Course Description <p>In this advanced course students will learn the basic aspects of black and white film processing, printing and enlarging. They will become well acquainted with the functions and purposes of darkroom equipment and darkroom procedures. A variety of approaches to photographic composition will be explored. Class activities will include slide presentations and a group photo exhibit. While back and white photography</p>		

will be emphasized, digital photography and an introduction to color photography may be included.

Course Name	<u>Computer Graphics & Design I</u>	
Course Number	051621A C051621A	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● Mid City ● North ● West
Length	1 term	
Prerequisite	Introduction to Digital Arts	

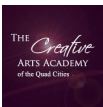
Course Description

This introductory graphic design course explores basic tools and processes to create digital works. It relates and applies creative expression and design principles from the field of advertising and commercial art. Students gain practical experience in generating original ideas, executing layouts, hand-rendering and preparing artwork for reproduction. It also provides a historical and contemporary view of art as students learn to critique work.

Course Name	<u>Computer Graphics & Design II</u>	
Course Number	051621B	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● Mid City ● North ● West
Length	1 term	
Prerequisite	Computer Graphics & Design I	

Course Description


This graphic design course continues application of tools and processes begun in Computer Graphics I to create digital works and text to communicate messages. It emphasizes design elements and principles in purposeful arrangement using both hand rendered and computer-generated design. Focus will be on advanced applications to create art products, such as advertisements, product designs and identity symbols. It investigates the computer's influence on and role in creating contemporary designs and provides a cultural and historical study of master design works of different periods and styles.

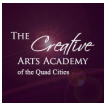
Course Name	<u>Motion Graphics/Video</u>	
Course Number	051623A, 051623B	

Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	Computer Graphics & Design II	

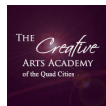
Course Description

This advanced course engages students with the materials, processes and artistic techniques involved in motion graphics, animation and video. Students learn about the operation of a camera, lighting techniques, camera angles, depth of field, composition, storyboarding, sound capture and editing techniques. As students advance and the instruction becomes more refined, they are encouraged to develop their own artistic style. Students may also study major filmmakers/cinematographers and their films to learn about film, television and video and their relationships to drama and theater.

Course Name	CAA Broadcast & Sound Fundamentals 1	
Course Number	CAA11051A	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	1 term	
Prerequisite	Motion Graphics/Video and Audition to CAA	
Course Description Utilizing many industry level tools and materials, students will be engaged in project based instruction while in a professional photo/broadcast studio as their classroom. Students will produce both live and recorded broadcast airings; utilizing both video and audio media formats. Journalistic, documentary, narrative and entertainment styles of broadcasted video and/or radio will be explored. In addition, students will explore the many ways to publish broadcasted content, such as streaming, online posting and porting to devices.		


Course Name	CAA Broadcast & Sound Fundamentals 2	
Course Number	CAA11051B	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	1 term	
Prerequisite	CAA Broadcast & Sound Fundamentals 1	
Course Description <p>Students continue to grow their knowledge and skills necessary for television, video, film, and/or radio production. Writing scripts, camera operation, use of graphics and other visuals, lighting, audio techniques, editing, production principles, and career opportunities are typical topics that may be included in this course, depending on the student's future goals. Students will be required to produce their own program or</p>		

segment. Additional topics such as broadcast industry regulations, radio/TV operation, power of the medium, photography, transmission technology, and so on may be included.

Course Name	CAA Animation & Advanced 3D	
Course Number	CAA05256	
Credit	0.5 credits	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	1 term	
Prerequisite	Motion Graphics/Video, Animation, and Audition to CAA	


Course Description

In addition to continuing your experiences with motion graphics and video, or Camera & Lighting, or Broadcast/Sound, this course introduces you to advanced techniques in animation and 3-D design. Several techniques for animation will be explored including frame-by-frame, rotoscoping and tweening. 3-D design will be utilizing both Adobe products such as Photoshop and Autodesk products such as Maya. A culminating activity will be to develop a video reel to portfolio your work.


Course Name	CAA Advanced 3D & Game Design	
Course Number	CAA05253	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	1 term	
Prerequisite	CAA Advanced Animation	

Course Description

This course will extend your knowledge in 3-D design. 3-D design will be utilizing both Adobe products such as Photoshop and Autodesk products such as Maya. Each activity will allow you to build content that can be utilized for the final project. A culminating activity will be to develop a working 3-D video game created in the Unity Game Engine.

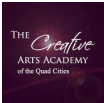
Course Name	Communication Media Independent Study	
Course Number	CAA11997	
Credit	Determined by Proposal	This year, this course can run at: <ul style="list-style-type: none">● Central
Length	Determined by Proposal	


Prerequisite	See Course Description	
Course Description Designed to allow students to pursue an area of study not already available. Before registering, the student must secure a faculty advisor within the communication media department who will support the student's request and is willing to supervise the student's program. The DSCD Independent Study Proposal must be completed by the student no later than the term prior to the course scheduled term. Schedule is determined by the student and faculty advisor.		


Course Name	<u>Advanced Studio (2-D)</u>	
Course Number	051700	
Credit	0.5 credit, repeatable	
Length	1 term	
Prerequisite	Drawing and one of the following courses: <ul style="list-style-type: none">● Painting● Computer Graphics 1● Computer Graphics 2● Digital Photography● Advanced Photography	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West

Course Description


Art Portfolio offers students the opportunity to create a professional body of work reflecting their personal style and talent. This advanced two-dimensional multimedia course is open to students upon successful completion in Drawing and one of the following classes: Painting, Computer Graphics I or II, Digital Photography, Advanced Photography. Students will provide their own portfolio. This course may be repeated for credit.

Course Name	Advanced Studio (3-D)	
Course Number	051701	
Credit	0.5 credit, repeatable	
Length	1 term	
Prerequisite	Sculpture, Jewelry and Metals, or Ceramics	
This year, this course can run at: <ul style="list-style-type: none">● Central● North● West		
Course Description <p>This advanced class will be offered to students who have completed courses in either Sculpture, Jewelry and Metals, or Ceramics. Students will work with 3 dimensional materials and will be expected to develop a portfolio as part of the requirements for this class. Students will learn about professional artists and their work as a means to develop their own style. This course may be repeated for credit.</p>		

Course Name	AP Studio Art 2-D	
Course Number	05174A, 05174B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	Drawing and two of the following: <ul style="list-style-type: none">● Painting● Advanced Drawing● Advanced Painting● Computer Graphics 1● Computer Graphics 2● Digital Photography Corequisite: Advanced Studio (2-D)	
Course Description <p>This two-term college level course is for highly motivated students who are seriously interested in the study of art; the program demands significant commitment. Students will demonstrate mastery design/drawing through two-dimensional media and processes. Many colleges and universities in the U.S. will grant college credit or advanced placement based on the result of the portfolio if submitted to the College Entrance and Exam Board. Portfolios are also submitted for consideration for scholarships or career opportunities.</p>		

Course Name	AP Studio Art 3-D	
Course Number	05175A, 05175B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● West
Length	2 terms	
Prerequisite	Two of the following courses: <ul style="list-style-type: none">● Sculpture● Jewelry & Metals● Ceramics Corequisite: Advanced Studio (3-D)	
Course Description <p>This two -term college level course for highly motivated students who are seriously interested in the study of art; the program demands significant commitment of the student. The 3-D Design portfolio involves decision making about how to use the elements and principles of art as they relate to the integration of depth, space, volume, and surface, either actual or virtual. Many colleges and universities in the U.S. will grant college credit or advanced placement based on the result of the portfolio submitted to the College Entrance and Exam Board. Portfolios are submitted for consideration for scholarships or career opportunities.</p>		

Course Name	Visual Art Independent Study	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Course Number	05197	
Credit	Determined by Proposal	
Length	Determined by Proposal	
Prerequisite	See Course Description	
Course Description <p>Designed to allow students to pursue an area of study not already available. Before registering, the student must secure a faculty advisor within the visual art department who will support the student's request and is willing to supervise the student's program. The DSCD Independent Study Proposal must be completed by the student no later than the term prior to the course scheduled term. Schedule is determined by the student and faculty advisor.</p>		

Course Name	Art Appreciation	 This year, this course can run at: <ul style="list-style-type: none">● North
Course Number	ART101	
Credit	0.5 credit	
Length	1 term	
Prerequisite	Accelerated AA Program	
Course Description This course is an introduction to the history of paintings, sculpture, and architecture. Emphasis is on the appreciation of well-known works of art in a variety of media. The artist and the creative process are explored.		

iJAG (Iowa Jobs for America's Graduates)

For more information on this contracted course pathway, please visit the IJAG website here:

<https://www.ijag.org/high-school>

Course Name	iJAG 1	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Course Number	IJAG1A, IJAG1B	
Credit	1 credit	
Length	2 terms	
Prerequisite	Admission to iJAG program. Contact iJAG specialist at home school for information on the admission process.	
Course Description <p>Introduction to iJAG, a career exploration and preparation program, provides an educational, hands-on approach in exploring personal strengths and weaknesses. Students will work to build strengths in academic areas, time management; learn about personality and temperament, understand communication models for personal and career use, identify values and understand the relationship between personal actions and consequences that follow. Students will make connections to their career interests, abilities and aptitudes by determining their education and career goals. Students will be able to demonstrate core competency attainment. All students are expected to participate in the student led Career Association. The program format involves individual assignments, team building activities/projects, academic remediation, service learning and guest speakers. Field trips may be included at least one time per term. This course meets for two consecutive terms.</p>		

Course Name	iJAG 2	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Course Number	IJAG2A, IJAG2B	
Credit	1 credit	
Length	2 terms	
Prerequisite	iJAG 1	
Course Description <p>Introduction to iJAG, a career exploration and preparation program, provides an educational, hands-on approach in exploring personal strengths and weaknesses. Students will work to build strengths in academic areas, time management; learn about personality and temperament, understand communication models for personal and career use, identify values and understand the relationship between personal actions and consequences that follow. Students will make connections to their career interests, abilities and aptitudes by determining their education and career goals. Students will be able to demonstrate core competency attainment. All students are expected to participate in the student led</p>		

Career Association. The program format involves individual assignments, team building activities/projects, academic remediation, service learning and guest speakers. Field trips may be included at least one time per term. This course meets for two consecutive terms.

Course Name	iJAG 3	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● Mid City ● North ● West
Course Number	IJAG3A, IJAG3B	
Credit	1 credit	
Length	2 terms	
Prerequisite	None	

Course Description

Introduction to iJAG, a career exploration and preparation program, provides an educational, hands-on approach in exploring personal strengths and weaknesses. Students will work to build strengths in academic areas, time management; learn about personality and temperament, understand communication models for personal and career use, identify values and understand the relationship between personal actions and consequences that follow. Students will make connections to their career interests, abilities and aptitudes by determining their education and career goals. Students will be able to demonstrate core competency attainment. All students are expected to participate in the student led Career Association. The program format involves individual assignments, team building activities/projects, academic remediation, service learning and guest speakers. Field trips may be included at least one time per term. This course meets for two consecutive terms.

Course Name	iJAG 4	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● Mid City ● North ● West
Course Number	IJAG4A, IJAG4B	
Credit	1 credit	
Length	2 terms	
Prerequisite	None	

Course Description

Introduction to iJAG, a career exploration and preparation program, provides an educational, hands-on approach in exploring personal strengths and weaknesses. Students will work to build strengths in academic areas, time management; learn about personality and temperament, understand communication models for personal and career use, identify values and understand the relationship between personal actions and consequences that follow. Students will make connections to their career interests, abilities and aptitudes by determining their education and career goals. Students will be able to demonstrate core competency attainment. All students are expected to participate in the student led Career Association. The program format involves individual assignments, team building activities/projects,

academic remediation, service learning and guest speakers. Field trips may be included at least one time per term. This course meets for two consecutive terms.

Talented and Gifted (TAG)

Course Name	TAG Syllabus	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Course Number	22101A, 22101B	
Credit	0 credits	
Length	2 terms	
Prerequisite	Gifted/Talented identification required unless approved by TAG committee See course description	
Course Description <p>May be taken each term. This is a non-credit course, though students’ participation is noted on their transcript. TAG is designed for identified TAG students wishing to participate in TAG activities, service projects, competition teams, mentoring/leadership opportunities, or MTSS options.</p> <p>TAG students needing to take AP online courses through University of Iowa’s Belin Blank would be enrolled in TAG (zero credit) and also noted in campus as enrolled in the corresponding AP Online (OL) class. This will ensure the student’s transcript shows the AP course and that they earn the corresponding credit.</p>		

Course Name	TAG - National Equity Lab Standard Syllabus	This year, this course can run at: <ul style="list-style-type: none">● Central● Mid City● North● West
Course Number	TAG3A, TAG3B	
Credit	1 credit	
Length	2 terms	
Prerequisite	Gifted/Talented identification required unless approved by TAG committee	
Course Description <p>The TAG Equity Lab Course is an elective high school class that is taken in conjunction with top universities/colleges. Depending on the course selected by the school and college, students complete the online coursework with the TAG Facilitator as a co-teacher. Through Equity Lab’s engagements, fellowships, institutes, and open-source materials, individual and collective will, skill, knowledge, and courage is built. The TAG facilitator along with Equity Lab staff work to transform the knowledge base, mindsets, and daily behavior of students. This partnership is designed to offer college level rigor with high school level scaffolding in place. Students will earn credit that is widely transferable college credit and high school elective credit. Students may earn college credit.</p>		

Course Name	TAG - National Equity Lab Extended Syllabus	This year, this course can run at: <ul style="list-style-type: none"> ● Central ● Mid City ● North ● West
Course Number	TAG4A, TAG4B	
Credit	1 credit	
Length	2 terms	
Prerequisite	Gifted/Talented identification required unless approved by TAG committee	

Course Description

The TAG Equity Lab Extended course is an elective high school class that is taken in conjunction with top universities/colleges. These are Newer courses offered through National Equity Lab that are not offered in the standard course. Depending on the course selected by the school and college, students complete the online coursework with the TAG Facilitator as a co-teacher. Through Equity Lab's engagements, fellowships, institutes, and open-source materials, individual and collective will, skill, knowledge, and courage is built. The TAG facilitator along with Equity Lab staff work to transform the knowledge base, mindsets, and daily behavior of students. This partnership is designed to offer college level rigor with high school level scaffolding in place. Students will earn credit that is widely transferable college credit and high school elective credit. **Students may earn college credit.**

Belin-Blank Online AP Program

Students who have been identified as Talented and Gifted by the TAG committee are eligible to enroll in Advanced Placement (AP) courses through the Iowa Online AP Academy (IOAPA), hosted by The University of Iowa's Belin-Blank Center. Students who wish to participate in these opportunities need to connect with their building TAG facilitator for next steps. Please note - Davenport Schools encourages students to enroll in AP courses within their buildings as much as possible, as students are provided the entirety of the Multi-tiered system of support. Therefore, IOAPA courses should only be used for extreme student scheduling issues.

The following AP courses are offered through IOAPA and supported within Davenport Schools. All courses listed are approved by NCAA, the Iowa Board of Regents, and AP CollegeBoard. Specific course descriptions can be found at <http://belinblank.org/ioapa>; courses may involve additional fees.

Course Number	Course Name	Credit	Prerequisite
OL03056A OL03056B	AP Biology - OL	1 credit (2 terms)	Cellular Biology and Environmental Biology, or Honors Biology
OL02124A OL02124B	AP Calculus - OL	1 credit (2 terms)	Pre-Calculus
OL03160A OL03160B	AP Chemistry - OL	1 credit (2 terms)	Conceptual Chemistry or Honors Chemistry
OL03207A	AP Environmental Science -	1 credit (2 terms)	Environmental Biology and Algebra 1

OL03207B	OL		
OL01006A OL01006B	AP English Literature and Composition - OL	1 credit (2 terms)	3 years of HS English
OL04204A OL04204B	AP Macroeconomics - OL	1 credit (2 terms)	Algebra 2
OL04203A OL04203B	AP Microeconomics - OL	1 credit (2 terms)	Algebra 1
OL04256A OL04256B	AP Psychology - OL	1 credit (2 terms)	None
OL02203A OL02203B	AP Statistics - OL	1 credit (2 terms)	Algebra 2
OL04157A OL04157B	AP U.S. Government and Politics - OL	1 credit (2 terms)	U.S. History
OL24114A OL24114B	AP French and Culture	1 credit (2 terms)	French IV



World Languages



	Level 1	Level 2	Level 3	Level 4	Advanced
French	French 1	French 2	French 3	French 4	Early French Civilization & Culture
					Modern French Civilization & Culture
					AP French
Spanish	Spanish 1	Spanish 2	Spanish 3	Spanish 4	AP Spanish
					FLS241: Intermediate Spanish I
					FLS242: Intermediate Spanish II



For information concerning the Iowa Seal of Biliteracy, please see:

<https://www.davenportschools.org/academics/iowa-seal-of-biliteracy/>



French


Course Name	French 1	 
Course Number	24102A, 24102B OL24102A, OL24102B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	None	
Course Description <p>French 1 offers the opportunity for students to experience a new language. Class is conducted so that each student uses French orally and in reading and writing. Emphasis is placed on learning vocabulary and structure which is useful in describing situations in his/her everyday life. French culture related to the topics of study is also introduced.</p>		


Course Name	French 2	 
Course Number	24103A, 24103B OL24103A, OL24103B	
Credit	1 credit	
Length	2 terms	
Prerequisite	French 1 or native speaker	
Course Description French 2 is a continuation of French 1. Conversational skills are expanded through additional study of structure and vocabulary. The student learns to speak French more fluently and continues to read in French and to develop written skills. French culture, customs and geography are also emphasized.		

Course Name	French 3	 
Course Number	24104A, 24104B OL24104A, OL24104B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	French 2 or native speaker	
Course Description Students in French 3 learn advanced conversational techniques and build upon basic knowledge gained in		




French 1 and French 2, thus enabling them to communicate in more complex oral and written form. Conversation and reading are emphasized and the study of French culture is continued.

Course Name	French 4	 
Course Number	24105A, 24105B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	French 3 or native speaker	
Course Description <p>French 4 provides a review and extension of material previously studied. Reading and writing receive equal time with oral communication skills. Grammar and structure are expanded and studied in depth. Aspects of French culture include geography, history, literature and customs.</p>		



Course Name	Early French Civilization & Culture	 This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Course Number	241090	
Credit	0.5 credit	
Length	1 term	
Prerequisite	French 4 or native speaker	
Course Description This course uses the French language as a vehicle for the study of historical France up to the 18th century. It is meant to extend students' facility with the language so that they are able to understand, initiate, and sustain general conversations on topics beyond basic survival needs. Reading and writing tasks include past, present, and future tenses. Topics mirror the 6 themes of the AP French exam: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. This course will also introduce students to major French writers in French history. Continued emphasis is placed on review of grammar and developing comprehension of the oral and written language.		

Course Name	Modern French Civilization & Culture	
Course Number	241091	
Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none"> • Central • North • West
Length	1 term	



Prerequisite	French 4 or native speaker	
Course Description This course uses the French language as a vehicle for the study of modern-day France since the 18th century. It is meant to extend students' facility with the language so that they are able to understand, initiate, and sustain general conversations on topics beyond basic survival needs. Reading and writing tasks include past, present, and future tenses. Topics mirror the 6 themes of the AP French exam: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. This course will also introduce students to major French writers in French history. Continued emphasis is placed on review of grammar and developing comprehension of the oral and written language.		



Course Name	AP French	  
Course Number	24114A, 24114B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	French 4 or native speaker	
Course Description Advanced Placement French for upper level students is a year-long course with content and outcomes equivalent to a third-year, college-level conversation and composition course. Special emphasis is given to topics assessed on the AP French Exam In the following six themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. The primary goal is polishing language skills for accurate, real-life communication. A minimum of four years of prior language study is recommended. Students in AP French are encouraged to take the Advanced Placement Exam. There is an additional fee for materials.		



Spanish

Course Name	Spanish 1	 
Course Number	24052A, 24052B OL24052A, OL24052B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	None	
Course Description Spanish 1 offers the opportunity for students to experience a new language. During the first year of Spanish study, a student learns to listen, speak, read and write within an elementary framework of the		

language. Emphasis is placed on learning vocabulary and structure which is familiar and meaningful to the student and that is useful in describing situations in his/her everyday life. Various aspects of the Hispanic culture are introduced.




Course Name	Spanish 2	 
Course Number	24053A, 24053B OL24053A, OL24053B	
Credit	1 credit	
Length	2 terms	
Prerequisite	Spanish 1 or native speaker	
Course Description Spanish 2 is a continuation of Spanish 1 which broadens the study of vocabulary and structure. Conversation, reading and writing are emphasized. Hispanic culture, customs and geography are also included.		

Course Name	Spanish 3	 
Course Number	24054A, 24054B OL24054A, OL24054B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● North● West
Length	2 terms	
Prerequisite	Spanish 2 or native speaker	
Course Description Students in Spanish 3 intensify their study of structural elements and develop conversational, reading and writing abilities. By building on knowledge gained in Spanish 1 and 2, students learn to communicate in more complex oral and written forms. The study of Hispanic culture, customs and geography is continued.		

Course Name	Spanish 4	 
Course Number	24055A, 24055B	
Credit	1 credit	This year, this course can run at: <ul style="list-style-type: none"> • Central • North • West
Length	2 terms	
Prerequisite	Spanish 3 or native speaker	

Course Description

Spanish 4 provides a review and extension of material previously studied. Reading and writing receive equal time with oral communication skills. Grammar and structure are expanded and studied in depth. Aspects of Hispanic culture include geography, history, literature and customs.


Course Name	AP Spanish	  
Course Number	24064A, 24064B	
Credit	1 credit	
Length	2 terms	
Prerequisite	Spanish 4 or native speaker	

This year, this course can run at:

- Central
- North
- West

Course Description

Advanced Placement Spanish for upper level students is a year-long course with content and outcome equivalent to a third-year, college-level conversation and composition course. Special emphasis is given to developing the five components of foreign language learning, listening, speaking, reading, writing and culture. The primary goal is refining language skills for accurate, real-life communication. A minimum of four years of prior language study is recommended. Students in AP Spanish may elect to take the Advanced Placement Exam. There is an additional fee for materials.


Course Name	Intermediate Spanish I	
Course Number	FLS241	
Credit	0.5 credit	
Length	1 term	
Prerequisite	Spanish 4 or native speaker	

This year, this course can run at:

- Central
- West

Course Description

This course uses the Spanish language as a vehicle for the study of Latin American and Mexican culture. It is meant to extend students' facility with the language so that they are able to understand, initiate, and sustain general conversations on topics beyond basic survival needs. Reading and writing tasks include past, present, and future tenses. Topics mirror the themes of the AP Spanish exam. This course will also introduce students to major Latin American and Mexican writers in history. Continued emphasis is placed on review of grammar and developing comprehension of the oral and written language. **This course awards college credit.**

Course Name	Intermediate Spanish II	
Course Number	FLS242	

Credit	0.5 credit	This year, this course can run at: <ul style="list-style-type: none">● Central● West
Length	1 term	
Prerequisite	Intermediate Spanish I	

Course Description

This course uses the Spanish language as a vehicle for the study of Spanish culture. It is meant to extend students’ facility with the language so that they are able to understand, initiate, and sustain general conversations on topics beyond basic survival needs. Reading and writing tasks include past, present, and future tenses. Topics mirror the themes of the AP Spanish exam. This course will also introduce students to major Spanish writers in Spanish history. Continued emphasis is placed on review of grammar and developing comprehension of the oral and written language. **This course awards college credit.**

ELL - English Language Learners

For information concerning the Iowa Seal of Biliteracy click [here](#)

Course Name	ELL Newcomer English	This year, this course can run at: <ul style="list-style-type: none">● West
Course Number	010080	
Credit	0.5 credit	
Length	1 term	
Prerequisite	None	
Course Description English Language Learners who are at the very beginning level of English will learn basic conversational English reading, writing, listening, and speaking skills. This one term class can be taken concurrently with ELL Reading/Writing Intro and/or ELL Speaking/Listening Intro.		

Course Name	ELL Reading/Writing Intro	This year, this course can run at: <ul style="list-style-type: none">● West
Course Number	010081, 010082	
Credit	1 credit	
Length	2 terms	
Prerequisite		
Course Description <p>English Language Learners are placed using assessment and classroom performance into this year-long course to improve their academic reading and writing skills. Students will expand their academic vocabulary, and comprehend and write about a variety of literary genres. Support for students in mainstream classes may be provided where needed.</p>		


Course Name	ELL Reading/Writing Level A	This year, this course can run at: <ul style="list-style-type: none">● West
Course Number	010083, 010084	
Credit	1 credit	
Length	2 terms	
Prerequisite		
Course Description English Language Learners are placed using assessment and classroom performance into this year-long course to improve their academic reading and writing skills. Students will expand their academic		

vocabulary, and comprehend and write about a variety of literary genres. Support for students in mainstream classes may be provided where needed. This course will receive elective credit.

Course Name	ELL Reading/Writing Level B	This year, this course can run at: <ul style="list-style-type: none"> West
Course Number	010085, 010086	
Credit	1 credit	
Length	2 terms	
Prerequisite		

Course Description

English Language Learners are placed using assessment and classroom performance into this year-long course to improve their academic reading and writing skills. Students will expand their academic vocabulary, and comprehend and write about a variety of literary genres. Support for students in mainstream classes may be provided where needed. This course will receive elective credit.

Course Name	ELL Reading/Writing Level C	
Course Number	010087: 11/12 LA Literature Requirement 010088: 11/12 LA Composition Requirement	
Credit	1 credit	
Length	2 terms	
Prerequisite		

Course Description

English Language Learners are placed using assessment and classroom performance into this year-long course to improve their academic reading and writing skills. Students will expand their academic vocabulary, and comprehend and write about a variety of literary genres. Support for students in mainstream classes may be provided where needed. **Students who successfully complete both terms of ELL Reading/Writing C can receive credit for the Language Arts 11/12 Literature requirement and Language Arts 11/12 Composition requirement.**

Course Name	ELL Speaking/Listening Intro	This year, this course can run at: <ul style="list-style-type: none"> West
Course Number	0100801, 0100802	
Credit	1 credit	
Length	2 terms	
Prerequisite		

Course Description

English Language Learners are placed using assessment and classroom performance into this year-long course to improve their academic speaking and listening skills. Students will expand their academic vocabulary, and engage with a variety of spoken discourses.

Course Name	ELL Speaking/Listening Level A	This year, this course can run at: <ul style="list-style-type: none"> West
Course Number	0100803, 0100804	
Credit	1 credit	
Length	2 terms	
Prerequisite		

Course Description

English Language Learners are placed using assessment and classroom performance into this year-long course to improve their academic speaking and listening skills. Students will expand their academic vocabulary, and engage with a variety of spoken discourses.

Course Name	ELL Speaking/Listening Level B	This year, this course can run at: <ul style="list-style-type: none"> West
Course Number	0100805, 0100806	
Credit	1 credit	
Length	2 terms	
Prerequisite		

Course Description

English Language Learners are placed using assessment and classroom performance into this year-long course to improve their academic speaking and listening skills. Students will expand their academic vocabulary, and engage with a variety of spoken discourses.

Course Name	ELL Speaking/Listening Level C	This year, this course can run at: <ul style="list-style-type: none"> West
Course Number	0100807, 0100808	
Credit	1 credit	
Length	2 terms	
Prerequisite		

Course Description

English Language Learners are placed using assessment and classroom performance into this year-long course to improve their academic speaking and listening skills. Students will expand their academic vocabulary, and engage with a variety of spoken discourses. This course will receive elective credit.

Course Name	ELL Science	This year, this course can run at: <ul style="list-style-type: none">● West
Course Number	03049A, 03049B	
Credit	1 credit	
Length	2 terms	
Prerequisite		
Course Description A two-term science class for ELL students, this course is an introduction to science vocabulary and concepts in English for science.		

Course Name	ELL Transitions	This year, this course can run at: <ul style="list-style-type: none">● West
Course Number	22003	
Credit	0.5 credit	
Length	1 term	
Prerequisite		
Course Description <p>Transition Class is a support class targeting English Language Learners who do not need intensive ELL services, but do need support for their other classes. In addition, through this course, students will develop study skills to help them become independent learners. This course will receive elective credit.</p>		

Course Name	ELL Social Studies 1	This year, this course can run at: <ul style="list-style-type: none">● West
Course Number	04149A, 04149B	
Credit	1 credit	
Length	2 terms	
Prerequisite		
Course Description <p>This is a one semester course where ELL students learn the basics of American history starting with the Native Americans and exploration of the New World during this one semester class. This course will</p>		

receive elective credit.

Course Name	ELL Social Studies 2	This year, this course can run at: <ul style="list-style-type: none">● West
Course Number	04199A, 04199B	
Credit	1 credit	
Length	2 terms	
Prerequisite		
Course Description <p>This one semester course focuses on two topics. In the first half, ELL students learn the basic structure of the United States government, including the Constitution and federal, state and local governments. In the second half, students study basic concepts of U.S. and world geography. This course will receive elective credit.</p>		

Listing of Concurrent Courses for Individual Enrollment (CCIR)

The following courses are approved for CCIR use by students who meet the enrollment requirements with Eastern Iowa Community College. Please refer to their catalog for all course descriptions and college credits. DCSD will pay the tuition, fees, and book rental costs for no more than 2 CCIR courses a year.

Students (and their guardians) will be responsible for all transportation logistics and any additional costs (including technology and testing fees) associated with these courses.

Course Number	Course Name	Course Number	Course Name
AUT115	Automotive Shop Safety	HCR260	HVAC Trade Skills
AUT524	Auto Brake Systems and Service	HCR308	Refrigeration Fundamentals
AUT606	Basic Automotive Electricity/Electronics	HIS117	W Civ I: Ancient and Medieval
BIO114	General Biology IA	HSC113	Medical Terminology
BIO115	General Biology IIA	HSC172	Nurse Aide
BIO151	Nutrition	MAT156	Statistics
BIO168	Human Anat and Physiology I	MAT210	Calculus I
BIO173	Human Anat and Physiology II	MAT216	Calculus II
BUS110	Business Math and Calculators	MAT219	Calculus III
BUS130	Intro to Entrepreneurship	MFG106	Workplace Safety
CAD140	Parametric Solid Modeling I	MFG192	Blueprint Reading
CAD203	Principles of Design	MFG361	VR Welding
CHM122	Intro General Chemistry	MFG371	Manual Projects
CHM165	General Chemistry I	MGT101	Principles of Management
CHM176	General Chemistry II	NET167	Computer Systems and Troubleshooting
CIS121	Intro to Programming Logic	NET303	Windows Workstation Operating Systems
CIS210	Web Development I	NET679	TCP/IP Subnetting
CRJ100	Introduction to Criminal Just	PHI105	Introduction to Ethics
CRJ101	Ethics in Criminal Justice	PSY121	Developmental Psychology
GLS100	Contemporary World Issues	WEL362	Welding Fundamentals

Continuous Notice

It is the policy of the Davenport Community School District not to discriminate on the basis of race, color, national origin, sex, disability, religion, creed, age (for employment), marital status (for programs), sexual orientation, gender identity and socioeconomic status (for programs) in its educational programs and its employment practices. There is a grievance procedure for processing complaints of discrimination. If you have questions or a grievance related to this policy please contact the district's Equity Coordinator: Mr. Jabari Woods, Associate Director of Equity; woods@j@davenportschools.org (563-336-7496) or Ms. Jamie Weinzierl, Director of Human Resources and Equity; weinzierl@j@davenportschools.org (563-336-7487), 1702 N. Main Street, Davenport, Iowa 52803.