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General Information

Administrators

- | | |
|-------------------|------------------------|
| • Tim Carver | Principal |
| • Casey Goodhue | Associate Principal |
| • Josh Frey | Activities Director |
| • Jared Powers | Dean of Students (A-K) |
| • Johanna Russell | Dean of Students (L-Z) |

Counselors

- | | |
|------------------|-------|
| • Jill Duffield | A - E |
| • Amber McKenna | F - K |
| • Darlene Wagner | L - Q |
| • Carmen Salter | R - Z |

Student Fees*

General Fees

Books & Materials	\$90.00
Student Planner	\$5.00
Replacement ID	\$5.00

*Subject to change for 2024-2025

Educational Equity Statement

It is the policy of the Urbandale Community School District not to discriminate on the basis of race, creed, color, sex, religion, marital status (for program), ethnic background, national origin, disability, sexual orientation, gender identity, age (for employment), or socio-economic background (for program) 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 office at 11152 Aurora Avenue, Urbandale, IA or call 515-457-5000. The District's Equity Coordinator is Stephaine Davis, daviss@urbandaleschools.com.

Graduation Requirements

Content Area	Specific Courses	Total Credits
English	English	2
	Language and Literature	2
	American Literature or AP English Literature	2
	English Electives	2
Social Studies	Social Studies Electives	2
	American History or AP US History	2
	American Government or AP Gov/Econ	1
	Economics or AP Gov/Econ	1
Math		6
Science		6
Health	1 semester	1
Physical Education *	4 years, every other day	2
Electives		15
Computers	Computer Apps, Exploring Computers, Intro to Coding, or College Computers	1
Financial Literacy	Intro to Money Management/Personal Finance	1

Elective Credits

Electives chosen by the student, with assistance from teachers, parents, and counselors, will complete the total number of credits needed for graduation. Elective credit may include unlimited credits from courses in Art, Business, Computers, English, Human Services, World Language, Industrial Technology, Interdisciplinary/Integrated, Mathematics, Science, and Social Studies. Most electives are awarded one credit per semester.

Elective courses chosen by the student, with assistance from teachers, parents, and counselors, will complete the total number of credits needed for graduation. These credits earned from other institutions must have prior approval by the building principal to count towards graduation requirements.

According to School Board Policy 638.4: "Students who successfully complete high school electives prior to high school may opt to use these credits for high school graduation and subject-specific graduation requirements. Doing so requires written consent from the student's legal guardian and will result in the course and grade becoming part of a student's official high school transcript and grade point average."

Extension Credits

A student may apply extension credits toward graduation (i.e., college, correspondence, or consortium courses) with the principal's prior approval.

Early Graduation

Students are permitted to graduate at the end of eleventh grade or the first semester of twelfth grade provided all graduation requirements are met. Extension credits from other institutions may not be applied towards early graduation, unless approved in advance by the principal. Students must complete their final semester at Urbandale High School in order to qualify for early graduation.

Miscellaneous Academic Information

CPR Requirements

Every student physically able to do so will complete a course that leads to certification in cardiopulmonary resuscitation (CPR). The building administrator may waive this requirement for any student who is not physically able to complete the course. This course work will be available to all students enrolled in UHS PE 9-10 sections. If a student is registered for contract PE, they must still complete CPR training prior to graduation. UHS will accept certification from any nationally recognized course in cardiopulmonary resuscitation as evidence that this requirement has been met by the student. A school or school district shall not accept auditing of a CPR course, nor a course in infant CPR only.

Pass-Fail Option for Seventh Subjects

Students desiring to take a seventh subject on a pass-fail basis should check with their counselors. Seniors may request approval to take a sixth subject pass-fail. The pass-fail option applies to elective courses only,

and is subject to the approval of the parent, teacher, counselor, and administrator. The pass-fail standards vary from teacher to teacher; students and parents are responsible for knowing each teacher's expectations for the pass-fail option. A "Pass" mark does not affect a student's GPA but an "F" grade does affect the GPA. Students receive credits for passing grades only. Teacher and student must agree upon the Pass-Fail or graded option by the sixtieth day of a semester. Exceptions require administrative approval.

Audit

Classes may be audited for no credit. Students are required to fulfill all class requirements. Audit standards vary from teacher to teacher; students and parents are responsible for knowing each teacher's expectations. They will receive either a grade of "AU" (which does not affect their GPA) or an "F" grade (which does affect their GPA).

Grading of Learning Requirements

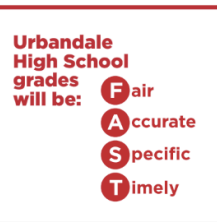
Standards for a course are grouped into learning requirements. Learning requirements represent a group of related standards. Each reporting topic has a proficiency scale that defines what levels of student understanding look like. These levels are identified in the course proficiency scales. Teachers assign scores to individual pieces of student evidence. As more evidence accumulates, teachers determine their students' levels of understanding on each learning requirement.

Scale Score	Level of Performance	Letter Grade	Scaled Score
4.0	Exceeding Grade Level Standard	A*	100
3.5	Partially Exceeding Grade Level Standard	A	95
3.0	Meeting Grade Level Standard	A	90
2.5	Partially Meeting Grade Level Standard	B	85
2.0	Approaching Grade Level Standard	C	75
1.5	Partially Approaching Grade Level Standard	D	65
1.0	Beginning	D-	60
0.0	No Evidence	F	50

* WITH HONORS

End of Course Grade Chart

TRADITIONAL SCORE RANGE	LETTER GRADE
99-100	A*
90-98	A
87-89	B+
83-86	B
80-82	B-
77-79	C+
73-76	C
70-72	C-
67-69	D+
63-66	D
60-62	D-
59 OR BELOW	F



End of Course Grades

At the end of each semester, once teachers have determined their students' levels of understanding on each reporting topic, the student information system will average these reporting topic scores together. This then becomes a student's letter grade for the course. A scale for this conversion is provided on the next page.

Grading Policy and Procedures

1. Semester grades on transcripts will not be changed, except for clerical errors.
2. Only semester grades affect the cumulative GPA - quarter grades do not.
3. Students may retake a course as many times as they wish. If attempting a

course retake, the student

must stay in the course during that attempt or an F will be recorded on the transcript. All such attempts will be recorded on official school transcripts. Only the grade from the most recent retake will be

included in the cumulative GPA.

4. Students should resolve Incomplete grades (IN) within ten school days of the conclusion of a semester, at which point the appropriate grade will be recorded. (A,B,C,D,F)
5. If a student does not show a good faith effort in a course and withdraws after the thirtieth day of a semester, the grade will be recorded as a WF on the official transcript (withdrawal with a grade of F). This includes dual credit courses. Deviation from this policy requires administrative approval.
6. Students may take courses under the Postsecondary Enrollment Options Act.
7. All AP (Advanced Placement) courses will be using weighted grading. This means every AP course will be graded on a five point scale instead of the normal four point scale: A = 5.0, B = 4.0, C = 3.0, D = 2.0, F = 0. This weighted grading scale will be applied retroactively to all AP courses a student has taken at UHS.

AP Courses

Students are encouraged to take AP courses in areas of interest. It is important for students considering signing up for these courses to realize that AP courses are much more rigorous than a standard course. In comparison to a regular course, an AP student can expect:

- **more reading**
- **more written work**
- **more homework/out of class work**
- **more challenging problem sets/exams**

Students taking AP courses are expected to commit themselves fully to the demands of the classroom environment. A successful AP class experience can benefit the student in many ways, including in-depth exposure and experience in the subject area, good preparation for the demands of college life, and college credit. AP courses are not recommended for students who do not or cannot commit themselves to a rigorous course of study.

Concurrent Enrollment/DMACC Career Advantage Courses

Students may enroll in a course under concurrent enrollment if the student meets eligibility criteria. Students are eligible for concurrent enrollment courses if they have met the prerequisites, or have been identified as gifted and talented by the District. It is recommended that students have obtained a grade point average of 3.5 or higher, a minimum ACT score of 21, or receive school recommendation. Credit will be granted for a course if the student successfully completes the course as determined by the community college and the course was previously approved by the school board as pursuant to 281 – IAC 22.11(3). Students must take the course for college credit. If a student withdraws from a concurrent enrollment course they are also withdrawn from the UHS course, the grade will be recorded as a WF on the official transcript (withdrawal with a grade of F) after the drop date.

Post-Secondary Enrollment Options (PSEO) Courses

The PSEO program allows eleventh and twelfth grade students, as well as ninth and tenth grade students identified as gifted and talented, to enroll in college courses. Students may enroll in an eligible postsecondary course if a comparable course is not offered at Urbandale High School. Successful completion of the course generates both high school and college credit and applies toward district subject area graduation requirements. The school district pays the cost of the course, but if a student fails to complete the course and is not eligible for a fee waiver, the student or his/her parent or guardian will be

required to reimburse the district's cost. PSEO courses are offered on the college campus, and may be taken during the school year only. Students wishing to take college courses during the summer will be responsible for all associated costs for tuition and materials.

Courses eligible for PSEO must not be comparable to any course offered at UHS. Comparable is not synonymous with identical, but means that the content of a course provided to a high school student for PSEO credit shall not consist of substantially the same concepts and skills as the content of a course provided by UHS. PSEO courses must meet the following criteria:

- Credit-bearing courses that lead to an educational degree
- In the area of mathematics, science, social science, humanities, and career and technical education
- Nonsectarian
- Not comparable to courses offered at UHS or through concurrent enrollment programs offered through UHS

Concurrent Enrollment and Post-Secondary Enrollment Options Student Eligibility Requirements

In addition to specific eligibility requirements outlined in the corresponding sections above, students must meet the eligibility requirements below in order to take a Concurrent Enrollment (DMACC) course or PSEO course:

- The student must be proficient in reading, mathematics, and science as measured by ISASP. An exemption to this rule exists for Career Technical Education (CTE) courses. However, a student may be required to complete an assessment administered by the community college to determine the student's readiness for CTE coursework.
- The student must meet enrollment requirements and minimum performance measures on academic assessments and/or placement exams established by the postsecondary institution.
- The student shall have taken appropriate course prerequisites as determined by the eligible postsecondary institution.
- The student shall have obtained approval by the school to register for post secondary courses.
- The student must be in eleventh or twelfth grade or be identified as gifted and talented by UCSD.

Associate of Arts Degree

Students have the opportunity to earn a Liberal Arts Associate's degree while still in high school. Please see page 10 for a list of courses required to complete this degree.

Alternative Credit Earning Courses

Students reviewed by the problem solving team may be approved to take alternative credit earning courses at UHS.

Scheduling Policies

1. Seniors are required to fill a minimum of six (5 academic plus P.E) of eight periods. All other students must fill all seven (6 academic plus P.E.) of eight periods in their schedules.

2. Scheduling of UHS classes takes precedence over Postsecondary Enrollment classes. Exceptions require administrative approval.
3. A student's work schedule may be considered for making a schedule though it is not guaranteed.

Regents Admission Index (RAI Score)

* Students interested in attending one of the three Iowa Regent Universities (Iowa State University, University of Iowa & University of Northern Iowa) must achieve a Regent Admission Index (RAI) score of at least 245 and take the minimum number of required high school courses to qualify for automatic admission as a freshman. The RAI score is calculated using a formula that includes a student's grade point average (GPA), ACT score, and the number of core courses that a student takes over their high school career. Courses that count towards a student's RAI may include courses in English, Math, Science, Social Studies as well as World Language. Additional information can be found on the Regents' Website:

<https://www.iowaregents.edu/institutions/higher-education-links/regent-admission-index/>

*If a course can be counted towards a student's RAI, it will be designated as a yes under the RAI column in this handbook for each course. UHS strongly encourages students to meet with their high school counselor to make sure they are able to meet admission/RAI score requirements.

Course Requirements For Admission to Iowa Regents' Universities

IOWA STATE UNIVERSITY

English/Language Arts: 4 years emphasizing writing, speaking, reading, as well as an understanding and appreciation of literature.

Math: 3 years, including one year each of algebra, geometry, and advanced algebra.

Natural Science: 3 years, including one year each from any two of the following: biology, chemistry, and physics.

Social Science: 2 years for admission to the Colleges of Agriculture, Business, Design, Human Sciences, and Engineering. Three years for admission to the College of Liberal Arts and Sciences.

Foreign Language: 2 years of a single foreign language for admission to the College of Liberal Arts and Sciences and the College of Engineering. Foreign language courses are not required for admission to the Colleges of Agriculture, Business, Design, or Human Sciences.

Other Courses: Specific elective courses are not required for admission to Iowa State University.

THE UNIVERSITY OF IOWA

English/Language Arts: 4 years emphasizing the analysis and interpretation of literature, composition, and speech.

Math: 3 years, including two years of algebra and one year of geometry, for admission to the College of Liberal Arts and Sciences. 4 years, including two years of algebra, one year each of geometry higher math (trigonometry, analysis, or calculus), for admission to the College of Engineering.

Natural Science: 3 years, including courses in physical science, biology, chemistry, environmental science and physics for admission to the College of Liberal Arts and Sciences. 3 years, with at least one year each in chemistry and physics, for admission to the College of Engineering. Nursing - 3 years including one year each of biology, chemistry and physics.

Social Science: 3 years, with U.S. history and world history recommended for admission to the College of Liberal Arts and Sciences. 2 years, with U.S. history and world history recommended for admission to the College of Engineering.

Foreign Language: 2 years of a single foreign language are required for admission. For many degrees, the fourth year of proficiency is required for graduation. Nursing - 3 years in a single language or two years each in two different languages.

Other Courses: Specific elective courses are not required for admission.

University of Northern Iowa

English/Language Arts: 4 years, including one year of composition; may also include one year of speech, communication, or journalism.

Math: 3 years, including the equivalent of algebra, geometry, and advanced algebra.

Natural Science: 3 years, including courses in general science, biology, chemistry, earth science, or physics; laboratory experience highly recommended.

Social Science: 3 years, including courses in anthropology, economics, geography, government, history, psychology, or sociology.

Foreign Language: Foreign language courses are not required for admission. However, two years of a foreign language in high school with a C- or above in the last term will meet the university graduation requirement.

Other Courses: Two years of additional courses from the required subject areas, foreign languages, or fine arts.

Associates of Arts Degree List



Urbandale

NAME: _____



DMACC ID: _____

Urbandale High School – DMACC Liberal Arts Associates (A.A.) Degree Tracker

	DMACC Course Name	HS Course Name	Completion Date	DMACC Credit	Grade	Distributive Credit (See Below)
Communication	Must complete 9 credits (Students must complete ENG 105, ENG 106, and SPC 101).					
	ENG105 Composition I	Advanced Comp		3		N/A
	ENG106 Composition II	Advanced Comp II		3		N/A
	SPC101 Fund of Oral Communication	Public Speaking		3		N/A
Social and Behavioral Sciences	Must complete 9 credits (Students must complete at least 3 courses AND each course must have a distinct acronym. Every course beyond the first course with a distinct acronym can be used as Distributive Credit).					
Math and Sciences	Must complete 9 credits (Students must take one lab science course from BIO, CHM, ENV, PHY or PHS AND one MAT course.)					
	BIO112 General Biology I	College AP Biology - Fall		4		
	BIO113 General Biology II	College AP Biology – Spring		4		
	PHY160 General Physics I	College Physics		5		
	MAT129 Pre-Calculus	Pre-Calculus		5		
	MAT157 Statistics	AP Statistics - Spring		4		
Humanities	Must complete 9 credits					
	FLJ241 Intermediate Japanese I	Advanced Japanese – Spring		4		
	FLS151 Elementary Spanish I	Spanish III - Fall		5		
	FLS152 Elementary Spanish II	Spanish III - Spring		5		
	FLS241 Intermediate Spanish I	Spanish IV - Fall		4		
	FLS242 Intermediate Spanish II	Spanish IV - Spring		4		
	LIT101 Intro to Literature	AP Eng Lit - Fall		3		
	LIT185 Contemporary Literature	AP Eng Lit – Spring		3		
Distributive	Must complete 10 credits from any of the previously listed courses not already used to meet an above requirement (check courses used to complete this requirement in far right column).					
Electives	Must complete 18 credits , which can include any of the above courses not used in another category or all other DMACC credits offered at your high school, online, or at another location. Students cannot apply more than 16 Career Technical credits towards an AA Liberal Arts Degree. Visit https://www.dmacc.edu/careeradvantage/pages/urbandale.aspx for a list of classes to meet this requirement.					
Diversity	Must complete 3 semester credit hours. One course is required, but this course may count in the areas above. Students must earn a grade of "C" or above for the course that is used to fulfill the Diversity Requirement. Visit http://catalog.dmacc.edu/preview_program.php?catoid=7&pooid=1307#diversityrequirement for a list of classes to meet this requirement.					

Total Credits Earned: _____

Total Credits Needed for Liberal Arts AA Degree: 64 Credits

NOTE: Not all DMACC Online Career Academy courses are listed on this degree tracker. For more options go to <https://www.dmacc.edu/online/Pages/careeracademy.aspx>. Courses listed are subject to change. Please contact your high school counselor for an updated course list and registration information.

For questions, please contact careeradvantage@dmacc.edu

SEP 2022 - adv

NCAA Initial-Eligibility

The NCAA Clearinghouse recommends that you file eligibility forms online at www.NCAAClearinghouse.org at the beginning of your sophomore year if you intend to participate in Division I or Division II college athletics.

The NCAA has approved the following courses for use in establishing the initial-eligibility certification status of student-athletes from this school. NCAA legislation permits a student to receive credit for a core course only one time. As a result, if a student repeats a core course, the student will receive credit once for the core course and the highest grade earned in the course will be included in the calculation of the student's core-course grade point average. Likewise, if a student completes a course that is duplicative with another core course, the student will only receive credit once for the core course and the highest grade earned in the course will be included in the calculation of the student's core-course grade point average.

NAIA Eligibility

The NAIA Eligibility Center will begin registering high school students interested in playing NAIA college sports. Every student interested in playing NAIA sports beginning with the 2011-12 school year MUST register with the NAIA Eligibility Center. You can find out more information about this and register at <http://www.playnaia.org/>

NCAA Approved Core Courses

ENGLISH

Advanced English
Advanced Creative Writing
Advanced Lang/Lit
Advanced Women Writers
American Lit and Writing
Composition/Advanced
Composition/Advanced II
Creative Writing
English/Adv English
English Lit/AP
English Language & Comp/AP
Experience in Lit & Writing I, II
Language/Literature
Power of Persuasion
Public Speaking

NATURAL/PHYSICAL SCIENCE

Biology (Lab)
Chemistry (Lab)
Chemistry/AP
College AP Biology (Lab)
College Physics (Lab)
Environmental Sci (Lab)
Environmental Sci/AP (Lab)
Human Anatomy & Physiology
(Lab)
Physical Science
Physics/AP (Lab)

MATHEMATICS

Algebra I
Algebra II & Trig
Technical Math for College
& Career
Calculus/AP
Geometry
Pre-calculus
College Statistics

SOCIAL SCIENCE

American History
American Government
Cultural Geography
Economics
European History/AP
Euro World History: Ren to
Present
Human Geography/AP
Macroeconomics/AP
Microeconomics/AP
Psychology
Psychology/AP
Sociology
US Government/Econ/AP
US History/AP
World History/Ancient
World Issues

ADDITIONAL CORE COURSES

Advanced Japanese
Advanced Spanish III, IV
Formal Japanese
German I, II, III, IV
Japanese I, II
Modern Japanese
Spanish I, II, III, IV, V
Traditional Japanese

AP Courses Offered at UHS

AP American Government and Economics
AP American History
AP Biology
AP Calculus
AP Chemistry
AP English Literature
AP Environmental Science
AP European History
AP Human Geography
AP Music Theory
AP Psychology
AP Statistics
Online AP Computer Science A (Java)
Online AP English Language and Comp
Online AP Macroeconomics
Online AP Microeconomics
Online AP Physics B

Concurrent Enrollment Courses at UHS (With DMACC Approval)

Advanced Composition I
Advanced Composition II
Advanced Creative Writing
Advanced Women Writers
Advanced Japanese
Advanced Spanish III
Advanced Spanish IV
AP Calculus
AP English Literature
Careers and Entrepreneurship
Careers and Entrepreneurship Internship
College AP Biology
College Computers
College Physics
College Statistics
Computer Science Principles
Cybersecurity
Foundations of Education
German III
German IV
Heritage Spanish I, II
Initial Field Experience
Introduction to Engineering Design
Photography
Pre-Calculus
Principles of Engineering: Applied Physics
Public Speaking
Technical Math for College & Career

Course Offerings

Art

- S Art Exploration
- S Three-Dimensional Art
- S Two-Dimensional Art
- S Photography
- S Photography II
- S Ceramics
- S Digital Graphic Design
- S Adv Drawing & Painting
- S Unified Art
- S Studio Art (I, II, III, IV)

Business & Technology/Computer

Science

- S Intro to Business
- S Personal Finance
- S Marketing
- Y Accounting
- S Careers & Entrepreneurship
- S Careers & Entrepreneurship Internship
- S Exploring Computer Applications*
- S Computer Applications
- S Introduction to Coding
- S College Computers
- S Web Design
- Y Computer Science Principles (PLTW)
- Y Cybersecurity

English

- Y English-Reading*
- Y Foundations of English*
- Y English
- Y Advanced English
- Y Language and Literature
- Y Adv Lang/Lit
- Y American Literature & Writing
- S Public Speaking
- Y AP English Literature
- S Advanced Women Writers
- S Experiences in Lit and Writing 1
- S Experiences in Lit and Writing 2
- S Power of Persuasion
- S Creative Writing
- S Advanced Composition
- S Advanced Composition II
- S Advanced Creative Writing

Human Services

- S Foods and Nutrition I
- S Foods and Nutrition II
- S Baking and Pastries 101
- S Textiles and Clothing
- S Textiles and Clothing II
- S Housing and Interior Design
- S Child Growth and Development
- S Child Growth and Development II
- S Foundations of Education
- S Initial Field Experience
- S Living Skills

Interdisciplinary/Integrated

- S Academic Decathlon
- S Daily Living Skills
- S Drama
- Y ESL*
- Y ESL Resource*
- S Journalism I
- S Journalism II, III, IV
- Y RECESS*
- S Service Learning
- S Extended Learning Program*
- Y Yearbook
- S Cultural Issues

Manufacturing & Engineering

- S Woodworking Technology
- S Woodworking Technology II
- S Building Skills
- S Cabinetmaking and Furniture
- Y Intro to Engineering and Design (PLTW)
- Y Principles of Engineering (PLTW)

Mathematics

- Y Bridges to Algebra*
- Y Algebra I
- Y Algebra I Lab
- Y Geometry
- Y Algebra II and Trigonometry
- Y College Statistics
- Y Pre-Calculus
- Y Technical Math for College & Career
- S Consumer Math I
- S Consumer Math II
- Y AP Calculus AB

Music

- Y Band
- Y Bass Choir
- Y Inspira
- Y Treble Choir*
- Y Urbandale Singers*
- S Unified Music
- Y AP Music Theory

Online AP Classes

- Y AP Computer Science A (Java)
- Y AP English Language & Composition
- Y AP Macroeconomics
- Y AP Microeconomics
- Y AP Physics B

Physical Education, Health

- Y Physical Education
- S Strength and Conditioning
- Y Contract Physical Education
- Y PEOPLE PE*
- Y Physical Education 11/12
- S Health
- S Wellness for Life

Science

- Y Physical Science
- Y Biology
- Y Physics
- Y College Physics
- Y Chemistry
- Y AP Chemistry
- Y Human Anatomy & Physiology
- Y Environmental Science
- Y AP Environmental Science
- Y AP Biology

Social Studies

- Y Cultural Geography
- Y AP Human Geography
- S World Issues
- S World History: Ancient
- S Euro World History: Ren to Present
- Y AP European History

- S Psychology
- S Sociology
- Y AP Psychology
- Y American History
- Y AP US History
- S American Government
- S Economics
- Y AP US Govt/Economics

Vocational

- S Work Experience
- S Succeeding in the World of Work
- Y i-JAG

World Language

- Y German I
- Y German II
- Y German III
- Y German IV
- S German Experience Abroad
- Y Japanese I
- Y Japanese II
- S Modern Japanese
- S Formal Japanese
- S Traditional Japanese
- S Advanced Japanese
- Y Spanish I
- Y Spanish II
- Y Spanish III
- Y Adv Spanish III
- Y Spanish IV
- Y Adv Spanish IV
- Y Spanish V
- Y Heritage Spanish I
- Y Heritage Spanish II

Y – indicates a yearlong course

S – indicates a semester course

* – Teacher recommendation

UHS Art Department Course Flow, Updated Fall 2022

freshman year

Art Exploration

Unified Art

Three-Dimensional Art

Two-Dimensional Art

sophomore year

Advanced Drawing &
Painting

Ceramics

Photography

Digital Graphic Design

Photography II

junior year

Studio Art I, II, III, IV

senior year

Any of the above

DMACC credit

options

*(be sure to check the
prerequisites for each)*

Photography

ART

Art Exploration

Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: This art class is designed to provide introductory experiences working with various art forms. The students will learn beginning techniques in various materials and produce art forms such as sculpture, painting, and drawing. Students continue to examine artists and their work and their cultural and historical aspects to encourage student understanding and ultimately expression and production of art as well as an increased awareness of the purposes and value of art; to communicate, to express, and to enhance aesthetic awareness.	

Three-Dimensional Art

Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful Completion of Art Exploration	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: This course will give students the opportunity to develop skills in the creation of art using height, width, and depth. Materials used in class will include clay, paper-mâché, plaster, wood, wire, found objects, and combinations of these media. Three-dimensional techniques include both additive and subtractive methods of building. Students will build on existing knowledge of these materials and processes and improve their skills and proficiency while exploring new techniques to enhance their ability to communicate and be creative.	

Two-Dimensional Art

Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful Completion of Art Exploration	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: This class will focus on giving students solid understanding and skill development in the fundamentals of producing 'flat' art. This course is designed under the philosophy that all students who have the basic coordination to legibly write, should be able to have success in producing 2D artworks. Emphasis is on learning to see as an artist and then applying this skill to both dry and wet media. 2D Art begins with basic perception exercises and builds up to using various advanced techniques and media. The topics covered in 2D Art are fundamental to success in creating all forms of visual artworks.	

Photography

Credit: 1.0 UHS + 3.0 DMACC	Length of Course: One Semester
Prerequisites: Successful Completion of Art Exploration	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: This photography course is designed to provide students with rich and meaningful experiences using digital photography in the visual arts. Student produced work can be used to create a photographic portfolio and may serve as a springboard to encourage further student exploration into photography. Additionally, the production of photographs is relevant to the student in terms of understanding the purposes of art-communication, self-expression and aesthetic awareness. Photography corresponds to ART 186 in the DMACC course guide.	

Photography II

Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful Completion of Art Exploration, Photography	Type of Course: Elective
Offered to grades: 10-12	Other: Not NCAA eligible/does not count towards RAI
Description: This advanced photography course is designed to provide students with rich and meaningful experiences using digital photography in the visual arts. Student produced work can be used to create a photographic portfolio and may serve as a springboard to encourage further student exploration into photography.	

Ceramics

Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful Completion of Art Exploration, 3D Art	Type of Course: Elective
Offered to grades: 10-12	Other: Not NCAA eligible/does not count towards RAI
Description: This introductory ceramic course is designed to provide students an opportunity to explore the medium of clay. Projects will include the creation of functional vessels as well as sculptural pieces and tiles. Tasks will range from simple hand-building techniques such as coil and pinch pots to more advanced techniques such as slab building and wheel thrown pieces. In addition to working with and learning the properties of clay, students will get experience using underglazes and glazes to visually enhance their work.	

Digital Graphic Design

Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful Completion of 3 Art Courses	Type of Course: Elective
Offered to grades: 10-12	Other: Not NCAA eligible/does not count towards RAI
Description: This course focuses on fundamental principles and techniques for effective visual composition in print or multimedia applications for Graphic Design. Students will learn the art of applying dynamic design to various forms of visual communications. By working individually and in small groups students will be asked to creatively solve design problems using hands-on and digital activities/projects. Students will learn to control color, type, symbols, images, and photography to inform, persuade and visually entice the viewer. Students will learn techniques for creating, revising, and producing images using Adobe Photoshop and Illustrator.	

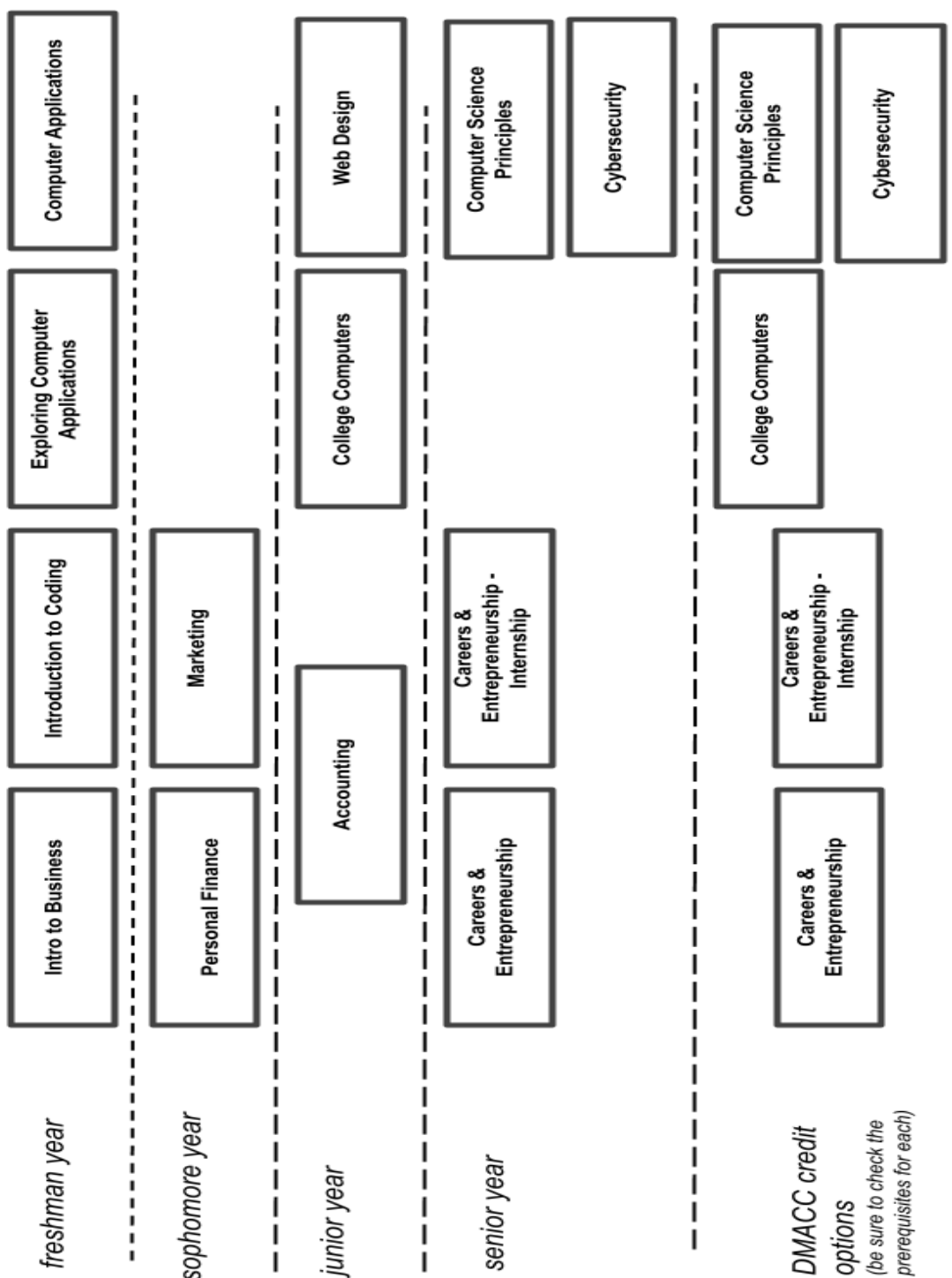
Advanced Drawing and Painting

Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful Completion of Art Exploration and 2D Art	Type of Course: Elective
Offered to grades: 10-12	Other: Not NCAA eligible/does not count towards RAI
Description: This course will build on the skills and concepts emphasized in 2D Art. The emphasis is on practical application of processes and skills in drawing, rendering, and painting at an advanced level. A wide range of subject matter will be addressed and creative use of skills will be encouraged. Historical and cultural examples will be infused throughout the class to encourage inspiration and depth in student artwork.	

Studio Art (I, II, III, IV)	
Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful Completion of 5 Art Courses or teacher approval	Type of Course: Elective
Offered to grades: 11-12	Other: Not NCAA eligible/does not count towards RAI
Description: This class is designed for a Junior or Senior student who desires to build a portfolio in art who has successfully completed five art classes with a B or higher or with Instructor approval. The student will work to excel in advanced art techniques in both two-dimensional and three-dimensional art. This course is designed to allow a continuation in the study of art for the serious art students and therefore may be scheduled for an additional three semester credits upon successful completion of Studio Art.	

Unified ART	
Credit: 1	Length of Course: Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12+	Other:
Description: Unified art class is an adaptive Art class designed for students with unique physical and/or academic needs. General education and special education students are partners in the Unified Art class. General education students must submit an application in order to be considered for acceptance into this course. Acceptance is based on the application form, past pattern of good attendee, patience, and a desire to work with special needs' peers. Partners will collaborate, support, and assist in the completion of a variety of art projects together.	

UHS Business and Technology & Computer Science Course Flow, Updated Fall 2022



BUSINESS & TECHNOLOGY/ COMPUTER SCIENCE

Introduction to Business	
Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Introduction to business serves as a starting point for students interested in the world of business. All other business classes at UHS build off of the information provided in this class. Students will cover a variety of business related topics including: leadership, career planning, banking, money management, consumerism, insurance, and credit.	

Personal Finance	
Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Financial Literacy Credit
Offered to grades: 10-12	Other: Not NCAA eligible/does not count towards RAI
Description: This course will provide students with a solid foundation into managing their money effectively. Students will learn principles of money management in order to recognize and avoid irresponsible trends in use of credit and lack of savings and investments. Units will include: career and personal decision-making, money management, savings, budgeting, consumerism, life after high school, credit and investing. Students will gain the skills and knowledge to manage their personal finances, preparing them for life as a financially independent adult.	

Marketing

Credit: 1.0	Length of Course: One Semester
Prerequisites: Introduction to Business; For Class of 2024 and 2025 prerequisite is waived.	Type of Course: Elective
Offered to grades: 10-12	Other: Not NCAA eligible/does not count towards RAI
Description: Marketing provides students with a detailed understanding of how marketing addresses domestic and global concepts relevant to all marketers, specifically in the entertainment and sports industries. Students will study the seven functions of marketing: Channel Management, Pricing, Marketing information Management, Product/Service Management, Promotion, Selling, and Market Planning.	

Accounting

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Introduction to Business; For Class of 2024 and 2025 prerequisite is waived.	Type of Course: Elective
Offered to grades: 10-12	Other: Not NCAA eligible/does not count towards RAI
Description: In Accounting, basic accounting procedures are developed and practiced through the use of business papers and practice sets. Instruction is given in the preparation and use of journals, ledgers, checking accounts and financial statements. Also included are such topics as payroll, personal income tax preparation, depreciation of plant assets, petty cash, inventory systems, and journal usage. The course is designed to give the student an understanding of the "language of business" and to prepare students for further study in the area of business at the high school and post-secondary level. The role of computers in accounting is also introduced.	

Careers and Entrepreneurship	
Credit: 1.0 + 3 DMACC	Length of Course: One Semester
Prerequisites: Successful Completion of Marketing or Accounting	Type of Course: Elective
Offered to grades: 11-12	Other: Not NCAA eligible/does not count towards RAI
Description: The Careers and Entrepreneurship class will provide instruction in a classroom setting. Students will study a variety of subjects which will include: self-assessment, exploring careers, finding a job, joining the workforce, professional development, life skills, and lifelong learning. Classroom opportunities include entry-level requirements for succeeding and progressing on the job and application of classroom learning to an internship in a chosen career area. Careers and Entrepreneurship corresponds with ADM296 and WBL 150 in the DMACC course guide.	

Careers and Entrepreneurship Internship	
Credit: 1.0 + 3 DMACC	Length of Course: One Semester
Prerequisites: Careers and Entrepreneurship	Type of Course: Elective
Offered to grades: 11-12	Other: Not NCAA eligible/does not count towards RAI
Description: The Careers and Entrepreneurship Internship is a cooperative arrangement between student, school, and employer. The goal of the internship is for students to receive supervised work experience and evaluation by professionals in the workforce. Students will apply what they learn in class to their work-site. Students will work 120 hours to receive the DMACC Credit for Supervised Practical Experience. Careers and Entrepreneurship Internship corresponds with ADM936 in the DMACC course guide.	

Exploring Computer Applications	
Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Computers Credit
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Exploring Computer Applications provides students with limited exposure to technology the opportunity to build basic typing and computer application skills. The class will focus on developing and improving typing skills, introduction to word processing applications and functions, and applications for presentation. Enrollment is restricted pending teacher approval.	

Computer Applications	
Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Computers Credit
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Computer Applications will prepare students to function in an environment where computer confidence has become the expected norm. This class will develop students' ability to analyze, evaluate, and apply technologies in real world situations. Students develop hands-on skills in using common software applications, including word-processing, spreadsheet, desktop publishing, and presentation software. This course, Introduction to Coding, or College Computers is a requirement for graduation from UHS.	

Introduction to Coding	
Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Computers Credit
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: This course aims to teach basic programming and computational concepts to students with little or no previous coding experience. Students will develop confidence in their ability to apply programming techniques and logical reasoning to solve problems in a broad range of fields. It is hoped that this course will provide the student with a "taste-testing" opportunity to gauge their interest in further study of computer science. This course uses Scratch, MIT App Inventor and possibly VBA for Excel. This course, Computer Applications, or College Computers is a requirement for graduation from UHS.	

College Computers	
Credit: 1.0 + 3 DMACC	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: The focus is to use hardware and software business productivity tools. This course builds on skills learned in Computer Applications. Class is accelerated and project-based. Training includes a hands-on introduction to microcomputer applications vital in today's business and industry. It focuses on operating systems, e-mail, internet, word processing, spreadsheet, database, and presentation software applications. College Computers corresponds to BCA 212 in the DMACC course guide. This course, Intro to Coding, or Computer Apps is a requirement for graduation from UHS.	

Web Design I

Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful completion of Computer Applications, Intro to Coding, or College Computers	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: This semester course introduces basic web design techniques. Topics include customer expectations, HTML (Hypertext Markup Language), CSS (Cascading Style Sheets), multimedia technologies, usability and accessibility practices, and techniques for the evaluation of web design. Upon completion, students should be able to employ basic design techniques to creatively present information on the internet.	

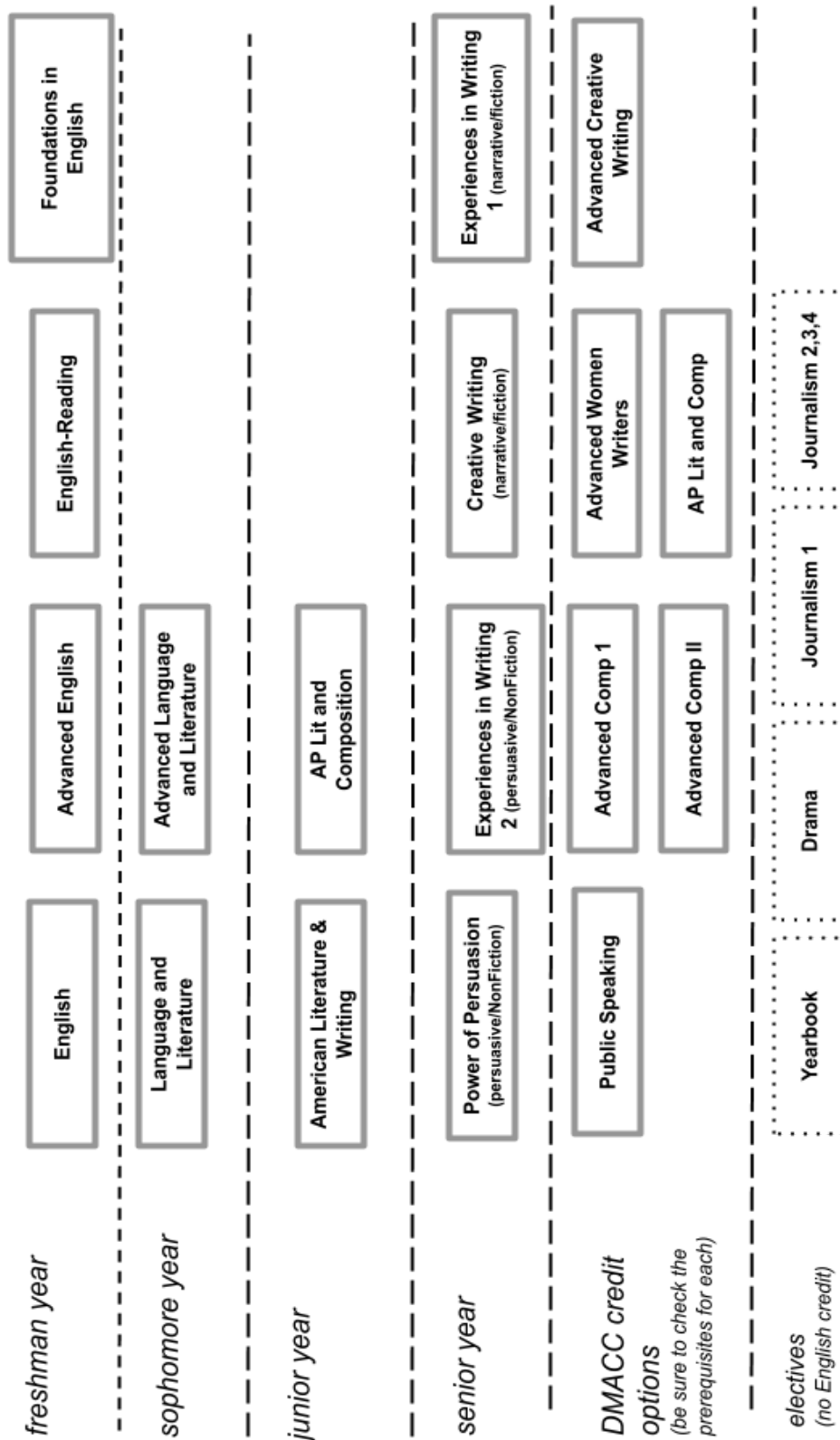
Computer Science Principles

Credit: 2.0 + 3 DMacc	Length of Course: Two Semesters
Prerequisites: Successful completion of Algebra I and Intro to Coding	Type of Course: Elective
Offered to grades: 10-12	Other: Not NCAA eligible/does not count towards RAI NCAA eligible/RAI approved
Description: This one-year course introduces computer science (coding), and emphasizes algorithm design and implementation using conditionals, loops, functions, recursion, and object-oriented programming. The course will be taught in Python and will use the Python library to enable students to learn coding by creating a variety of video arcade style games. The course will consist primarily of project-based learning and students will continually be updating a portfolio containing artifacts of the programming skills they have achieved. Students taking this course should have an interest in math, science, and technology and have a desire to make a lot of money doing something fun! This course corresponds to CIS450 in the DMACC course guide.	

Cybersecurity

Credit: 2.0 + 3 DMACC	Length of Course: Two Semesters
Prerequisites: Recommended successful Completion of Computer Science Principles	Type of Course: Elective
Offered to grades: 10-12	Other: Not NCAA eligible/does not count towards RAI
<p>Description: Cybersecurity is a one year course where students learn about some of the concepts of cybersecurity such as: passwords, firewalls, antivirus software, malware, phishing, wireless networks, etc. Then students apply these concepts to projects in order to protect assets, detect incidents, respond with a plan, and recover to normal operations. Reporting topics: Email & Social Media Security, Windows Firewalls, Processes & File Management, E-Commerce Architecture, Securing a Server, Server Exploits, Penetration Testing, Linux Processes & File Management, Evaluate Threats & Vulnerabilities, Packet Analysis, Securing a Network, Cryptography, and Digital Forensics. Cybersecurity corresponds to NET 166 in the DMACC course guide.</p>	

UHS English Department Course Flow, Updated Fall 2023



ENGLISH

English Reading

Credit: 2.0 Pass/Fail	Length of Course: 2 Two Semesters
Prerequisites: Teacher Recommendation	Type of Course: Elective
Offered to grades: 9	Other: Not NCAA eligible/does not count towards RAI
Description: This is a survey course that introduces the student to a wide range of English subject areas. The study of literature includes short stories, novels, poetry and plays. Composition is an integral part of the literature program. Grammar and usage are formally studied and stressed in all aspects of speaking and writing. Speaking and vocabulary development are included. In addition, Reading is designed to help students build comprehension, writing skills, grammar, and phonemic awareness.	

Foundations of English

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Teacher Approval	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Foundations of English is designed to develop reading, comprehension, and writing skills for students for whom English is not their primary language and who are not proficient in basic reading and writing skills. Students in this course would typically have been in the United States school system for two years or less. This course will be taken in addition to EL Newcomer instruction, and will provide a foundation for future English/Language arts courses.	

English

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: English Credit
Offered to grades: 9	Other: NCAA eligible/RAI approved
Description: This is a survey course which introduces the student to a wide range of English subject areas. The study of literature includes short stories, novels, poetry, and plays. Composition is an integral part of the literature program. Grammar and usage are formally studied and stressed in all aspects of speaking and writing. Speaking and vocabulary development are included.	

Advanced English

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: English Credit
Offered to grades: 9	Other: NCAA eligible/RAI approved
Description: This course is designed for students who have strong writing and reading skills and desire more challenges in their English curriculum. Advanced students will study literature that includes short stories, novels, poetry, and plays. Composition is an integral part of the literature program. Grammar and usage are formally studied and stressed in all aspects of speaking and writing. Speaking and vocabulary development are included. Other supplementary activities may include book reviews, writing critical essays and creative short stories.	

Language and Literature

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: English Credit
Offered to grades: 10	Other: NCAA eligible/RAI approved
Description: Language and Literature includes a focus on the written and oral practice of literature and language skills. The student will explore expository, descriptive and persuasive writing. The study of literature could include short stories, poetry, drama, a novel, and nonfiction. The study of speech includes informative and persuasive speeches.	

Advanced Language and Literature

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: English Credit
Offered to grades: 10	Other: NCAA eligible/RAI approved
Description: This course is designed for students who have advanced writing and reading skills and desire more challenges in their English curriculum. Advanced Language and Literature includes a focus on the written and oral practice of literature and language skills. The student will explore expository, descriptive and persuasive writing. The study of literature could include short stories, poetry, drama, a novel, and nonfiction. The study of speech includes informative and persuasive speeches.	

American Literature and Writing	
Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: English Credit
Offered to grades: 11-12	Other: NCAA eligible/RAI approved
<p>Description: This course surveys primarily American literature in multiple styles/genres: essays, poems, short stories, novels, and plays. Students will compose a variety of genres including informative, narrative and argumentative. Additionally, students will be asked to identify, discuss, and interpret connections between the literature, what we value as Americans, and what we value about ourselves as contemporary Americans. Texts are selected for what they reflect and reveal about evolving American experiences and characters.</p>	

Public Speaking	
Credit: 1.0 + 3 DMACC	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 11-12	Other: NCAA eligible/RAI approved
<p>Description: Public Speaking enables students to gain confidence in their speaking abilities. The forms of informative and persuasive speaking are studied. Students will study language, vocabulary, speech organization, and quality content. They will also explore multimedia aspects of speaking, which may include numerous presentation programs and on-camera speaking. Public Speaking corresponds to SPC 101 in the DMACC course guide.</p>	

AP English Literature and Composition	
Credit: 2.0 + 6 DMACC	Length of Course: Two Semesters
Prerequisites: None	Type of Course: English Credit
Offered to grades: 11-12	Other: NCAA eligible/RAI approved
<p>Description: Advanced Placement (AP) English Literature and Composition offers highly motivated students an opportunity to study a college-level English curriculum consisting of challenging literature from a variety of genres, cultures, and eras. Strong emphasis is placed upon composition skills and written interpretation with the objective of preparing students to successfully complete the AP English Literature and Composition Exam. This yearlong course is a dual credit class with Des Moines Area Community College. During the first semester students completing the course will demonstrate the DMACC competencies and will earn 3 credit hours with DMACC for LIT101 Introduction to Literature in addition to UHS graduation credits. During the second semester students completing the course will demonstrate the DMACC competencies and will earn 3 credit hours with DMACC for LIT185 Contemporary Literature.</p>	

Advanced Women Writers	
Credit: 1.0 + 3 DMACC	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 11-12	Other: NCAA eligible/RAI approved
Description: Advanced Women Writers offers highly motivated students an opportunity to study a college-level English curriculum that introduces students to the study and appreciation of literature written by women. In this course, students will examine major influential works from a variety of historical, social and cultural contexts with the emphasis of critical analysis. Students completing this course will also earn 3 DMACC credits for LIT 190.	

Power of Persuasion in Literature and Writing	
Credit: 1.0	Length of Course: One semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 12	Other: NCAA eligible/RAI approved
Description: This is a nonfiction course that will explore the persuasive techniques authors use. Students will read a variety of essays, articles, and nonfiction readings to analyze the author's intent in influencing the audience. This course helps students develop the analytical tools needed to examine opinion and argument, and make more informed choices as an active audience and consumer of information. Students will also have multiple opportunities to write opinion, argument, and analysis, in addition to persuasive speaking.	

Experiences in Literature and Writing 1	
Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 12	Other: NCAA eligible/RAI approved
Description: Experiences in Literature and Writing 1 provides students with a variety of reading and writing using fiction. Readings and writings may include: writing reflections, narrative writing, real world writing, journaling, analyzing literature, short stories, etc.	

Experiences in Literature and Writing 2	
Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 12	Other: NCAA eligible/RAI approved
Description: Experiences in Literature and Writing 2 provides students a study of a wide selection of reading and writing using non-fiction. Readings and writings may include: research writing/projects, reflections, real-world writing, journaling, and analysis of text.	

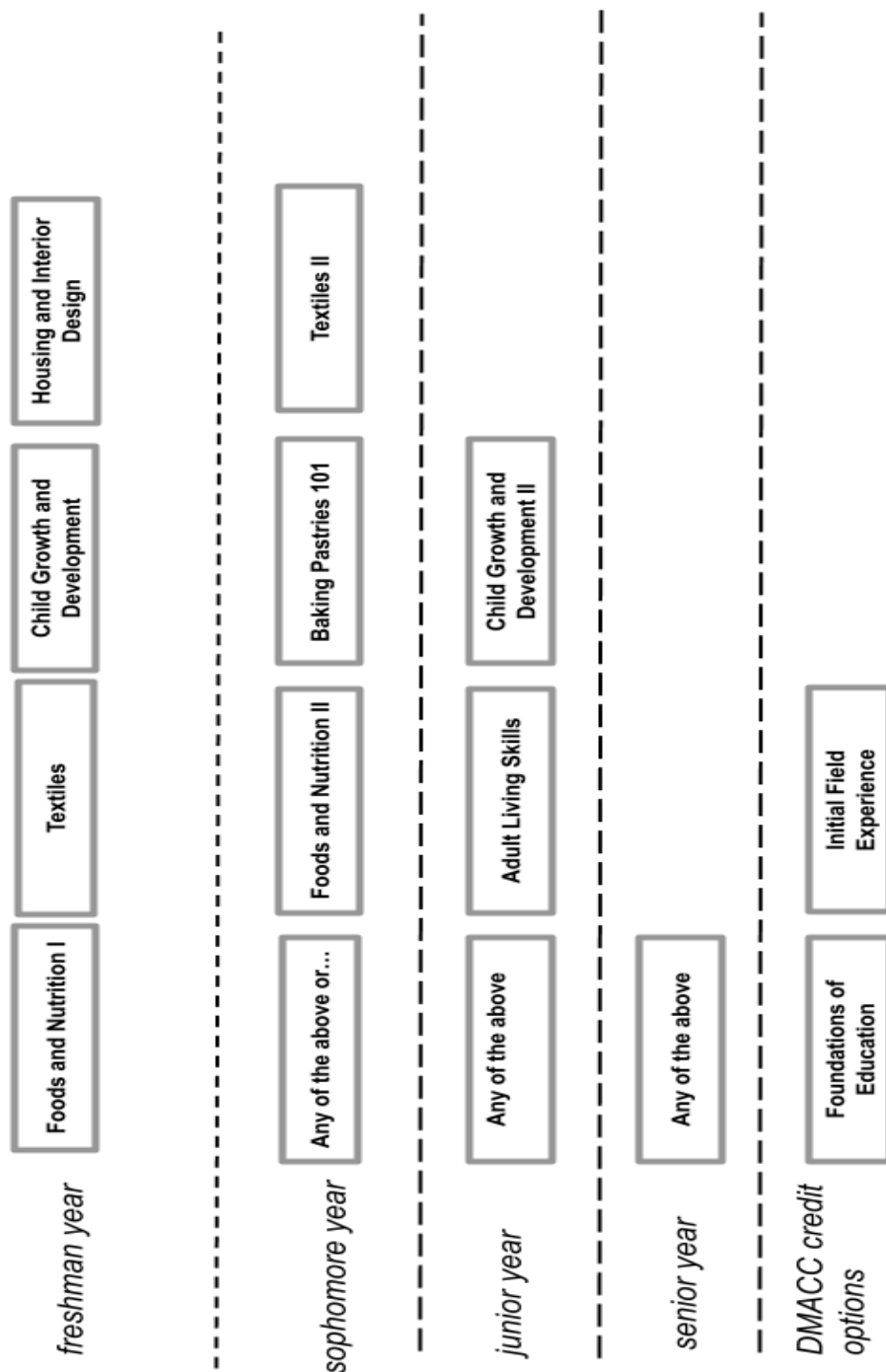
Creative Writing	
Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 12	Other: NCAA eligible/RAI approved
Description: Creative Writing focuses on imaginative writing style which could include short stories, poetry, and creative nonfiction. Writing skills will be developed through daily writing and analysis of quality writing. Students will practice reading and responding to literature in all different stages of the writing process. A final summative portfolio of the work will show writing growth over the semester.	

Advanced Composition	
Credit: 1.0 + 3 DMACC	Length of Course: One Semester
Prerequisites: Successful completion of Strand A/Strand B course for class of 2024; Successful completion of American Literature & Writing or AP English Literature for class 2025 and beyond	Type of Course: Elective
Offered to grades: 12	Other: NCAA eligible/RAI approved
Description: This college-level course is designed for students who wish to gain proficiency and confidence in writing developed through critical reading. Experience will be enhanced in all kinds of writing: personal essays and narratives, analytical essays, persuasive essays, and a research essay. Advanced Composition corresponds to ENG 105 in the DMACC course guide.	

Advanced Composition II	
Credit: 1.0 + 3 DMACC	Length of Course: One Semester
Prerequisites: Advanced Composition	Type of Course: Elective
Offered to grades: 12	Other: NCAA eligible/RAI approved
Description: Advanced Composition II offers highly motivated students an opportunity to study a college-level English curriculum consisting of expository and persuasive writing developed through critical reading. The course places strong emphasis upon composition skills and written interpretation by exploring structure, style, research, and documentation. Advanced Composition II corresponds to ENG 106 in the DMACC course guide.	

Advanced Creative Writing	
Credit: 1.0 + 3 DMACC	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 12	Other: NCAA eligible/RAI approved
Description: Advanced Creative Writing offers highly motivated students an opportunity to study a college-level English curriculum that focuses on the techniques of writing poetry and fiction. Students will read the works of professional writers and apply the principles of imaginative writing to their own work. Students will also practice reading and responding to literature in multiple stages of the writing process. Students completing this course will also earn 3 DMACC credits for ENG 221.	

UHS Human Services Department Course Flow, Updated Fall 2023



HUMAN SERVICES

Foods and Nutrition 1	
Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Foods and Nutrition 1 is a basic course in nutrition, food preparation, and meal management. Emphasized are the benefits of proper nutrition, kitchen math and measurements, recommended food preparation and handling techniques. Skills are developed in the preparation of a variety of foods.	

Foods and Nutrition 2	
Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful completion of Foods and Nutrition 1	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Foods and Nutrition 2 is a continuation of Foods and Nutrition. Students will continue learning about preparing different foods with many hands-on experiences. Students will also be investigating various diets and analyzing their own nutritional intake. Emphasized are the benefits of proper nutrition, kitchen math and measurements, recommended food preparation and handling techniques. Skills are developed in the preparation of a variety of foods.	

Baking and Pastries 101	
Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful completion of Foods and Nutrition 1	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: This course will provide opportunities for students to learn about all baked goods! Students will apply hands-on chemistry knowledge to learn about various ingredients within baked goods and what functions are provided by specific ingredients. Students will apply kitchen and food safety skills and measurement skills learned from Foods and Nutrition 1. This course engages students with hands-on experiences in the kitchen labs.	

Textiles and Clothing 1	
Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Textiles and Clothing provides an introduction to clothing selection and care, textiles, fabrics, and patterns. Students construct clothing or other sewing products using appropriate equipment and techniques. Sewing projects are based on individual abilities in order to develop basic sewing and serging skills or to improve existing skills.	

Textiles and Clothing 2	
Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful completion of Textiles and Clothing	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Textiles and Clothing 2 explore textiles, clothing design & the fashion industry. Students have the opportunity to further develop their clothing construction skills using a standard sewing machine, serger, and a computerized embroidery sewing machine.	

Housing and Interior Design	
Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Housing and Interior Design students explore factors affecting decisions related to housing and home furnishings for individuals and families. Planning, selecting, purchasing, and maintaining a livable home environment are emphasized, while exploring topics such as housing design, interior design, selection and use of appliances, energy conservation in the home, furniture selection and arrangement, wall and floor coverings, window treatments, accessories, and lighting.	

Child Growth and Development	
Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Child Growth and Development is the study of human development from conception through adolescence. Students identify social, physical, intellectual, and emotional developmental milestones for each age level while focusing on the responsibilities of parents, families, and caregivers to nurture the development of children.	

Child Growth & Development II	
Credit: 2.0	Length of Class: One Semester
Prerequisites: Successful completion of Child Growth and Development	Type of Course: Elective
Offered to grades: 11-12	Other: Not NCAA eligible/does not count towards RAI
Description: Child Development II studies human development from ages 0-5. Students identify the intellectual, physical, social, and emotional developmental characteristics of children as well as how development can be encouraged. Students will be placed in a daycare or preschool setting to work directly with childcare providers and teachers. The class will meet for two periods. One day a week students will meet with their assigned teacher at the high school. During the remainder of the week, the students will go to their assigned placements. The purpose of the course is to provide an opportunity to learn about young children and explore careers in Early Childhood Education and Care. Students must provide their own transportation to and from their assigned placement.	

Foundations of Education	
Credit: 1.0 + 4 DMACC	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12	Other: Not NCAA eligible/does not count towards RAI
Description: Examines American education from a historical, philosophical, and sociological perspective. Challenges and issues in education today will be discussed in the context of school organization, politics, funding, curriculum, professionalism, legal issues, and effective school and teacher characteristics. Foundations of Education corresponds to EDU 210 in the DMACC course guide.	

Initial Field Experience	
Credit: 2.0 + 4 DMACC	Length of Course: One Semester
Prerequisites: Successful completion of Foundations of Education	Type of Course: Elective
Offered to grades: 11-12	Other: Not NCAA eligible/does not count towards RAI
<p>Description: This course will provide opportunities to enhance understanding of the teaching profession and assist with decisions to pursue a career in education. Time spent observing, assisting and teaching in a classroom with a licensed educator. Various opportunities for interacting with students, learning instructional strategies and collaborating with teachers. Students will gain a greater understanding of the daily expectations of a teacher.</p> <p>Initial Field Experience corresponds with EDU 218 in the DMACC course guide.</p>	

Living Skills	
Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 11-12	Other: Not NCAA eligible/does not count towards RAI
<p>Description: Living Skills is designed to help prepare students for living on their own after high school. Students develop decision-making skills as they relate to food selection and preparation, clothing selection and care, housing alternatives, and personal financial planning. The intent is to help students understand both the immediate and long-range consequences of the decisions they will be making.</p>	

INTERDISCIPLINARY/INTEGRATED

Academic Decathlon	
Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Members of the Academic Decathlon team represent Urbandale High School in the regional competition of Academic Decathlon each winter. The National Academic Decathlon curriculum is used as the basis of classroom activities. Students work in the areas of mathematics, social studies, science, fine arts, language and literature, economics, formal speech, impromptu speech, interview, and essay. This course may be taken more than once.	

Daily Living Skills	
Credit: 1.0	Length of Course: One Semester
Prerequisites: Teacher Approval	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Daily Living Skills is designed to provide living skills to prepare the student for postsecondary transition. The emphasis of this course includes personal safety, community leisure and participation skills, money management, household management, career exploration, personal health needs, and employability and work skills.	

Drama	
Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: The purpose of this semester-long course is to extend student experience with theater allowing for deeper exploration into the art of production. The student will be asked to develop his or her ability to create theater through artistic collaboration with fellow students and the instructor. Theatre History, culture and technology will dictate the individualized goals of each student. Through creating productions for both presentation in class as well as live performance, the student will grow in his or her ability to recognize the value of performing arts and the process of working as a member of a production team.	

English as a Second Language	
Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Teacher Approval	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: This course teaches English to those who speak other languages. The emphasis is on developing communicative competence in the target language in reading, writing, listening, and speaking, through regular assignments as well as content-based instruction and support for curricular course work. The ELL program promotes a positive learning environment in which students learn how to be successful in the general classroom educational setting.	

English as a Second Language - Resource	
Credit: 0	Length of Course: One or Two Semesters
Prerequisites: Teacher Approval	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: This course is aimed at those students developing proficiency in English who have a working knowledge of English and who want to continue improving their English skills. The emphasis is on developing academic language through content-based instruction and support for curricular course work.	

Journalism I	
Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Journalism 1 is designed to give the student an insight into the differences that exist between the journalism writing process and the processes of other forms of writing. The students are given the opportunity to develop journalism appreciation and journalism skills through the guided practice of interviewing, writing, and copy editing. Also emphasized is the exploration into the ethics of journalism and developing skills needed for the production of a high school publication.	

Journalism II, III, IV

Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful completion of Journalism I	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Journalism II is designed to give the student the opportunity to apply the skills gained in Journalism I. Students in Journalism II are responsible for writing, editing, and publishing the school newspaper. Students are responsible for planning each issue, writing and typing the copy, editing and proofing the stories, shooting the photos, and designing the layouts.	

RECESS

Credit: 0.5	Length of Course: One or Two Semesters
Prerequisites: Student Study Team Approval	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: RECESS (Remediation, Career Exploration, Student Support) is an educational opportunity that provides additional support to help students develop positive self-concepts and find academic success. Some needs that permit a student to be considered for RECESS include attendance difficulties, credit deficiencies, delayed graduation, low grades, or personal/family concerns that interfere with school success. Students will be enrolled in a Life skills class to develop personal and social responsibility and to build positive relationships. Study skills support will be provided for the students during study time and students will be given an opportunity to explore and develop career interests.	

Service Learning

Credit: 2.0 (2-period block)	Length of Course: One Semester
Prerequisites: Teacher/ Student Study Team Approval	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Students participating in Service Learning will take part in a meaningful learning experience through community service activities. Students will participate in a variety of service-learning projects to enhance self-esteem, citizenship, work ethic, academic growth, and work skills.	

Yearbook

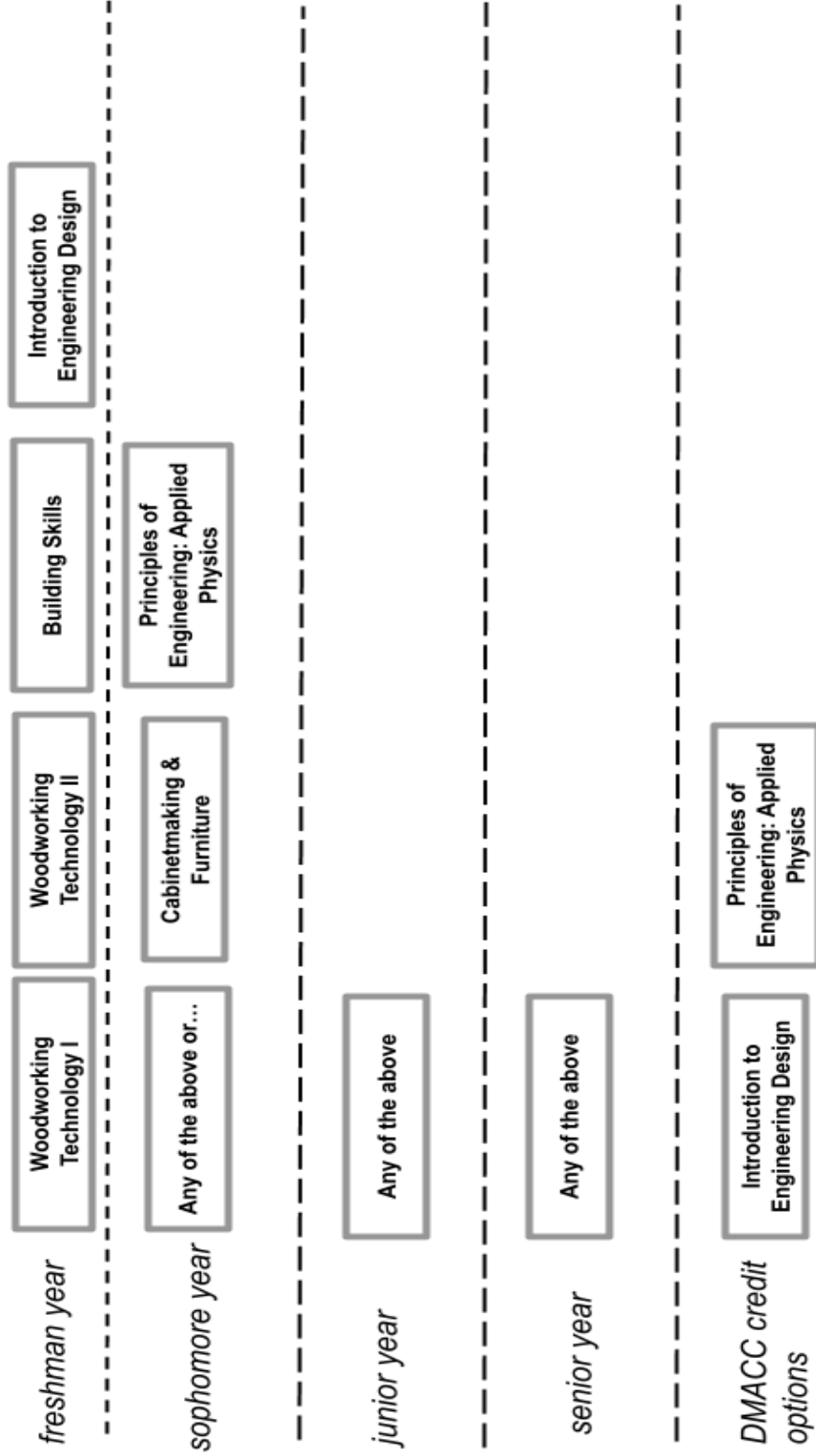
Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
<p>Description: Yearbook is an exciting, challenging and fun class. Throughout the class students will learn about page layout and design, publishing, journalism, photography, and business/sales skills. Being a member of the staff is an awesome responsibility, but by the end of the year, you have produced a book that is valued by students, faculty and community. Topics include journalism basics, ethics, law, copywriting, captions, headlines, design, Photoshop, photography basics, organization of staff, yearbook terminology and ad preparation and sales.</p>	

Cultural Issues

Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 11-12	Other: Not NCAA eligible/does not count towards RAI
<p>Description: This class simulates the sounds, sights, activities, and values of the cultures studied so that students will come as close as possible to experiencing them. Field trips, guest speakers, hands-on activities, food, reflections and discussion are regular features of the class. Students will be able to approach new cultures with comfort and sensitivity as a result of the experiences provided during this course.</p>	

UHS Manufacturing & Engineering Department

Course Flow, Updated Fall 2022



MANUFACTURING & ENGINEERING

Woodworking Technology I

Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI

Description: Woodworking Technology is a course which provides students the opportunity to study and use basic types of wood materials, hand and portable tools, industrial machines, joinery, fastening techniques, finishing, terminology and safety. Upon successful completion of this course, the student will have woodworking skills that will be useful in any aspect of the construction industry or home ownership. Additionally, the student should have a broader understanding of construction processes as well as more in-depth problem solving skills.

Woodworking Technology II

Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful completion of Woodworking Technology I	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI

Description: Woodworking Technology II is a course which provides students the opportunity to continue their studies in types of wood materials, hand and portable tools, industrial machines, joinery, fastening techniques, finishing, terminology, and safety. Upon successful completion of this course, the student will have woodworking skills that will be useful in any aspect of the construction industry or home ownership. Additionally, the student should have a broader understanding of construction processes as well as more in-depth problem solving skills. In this course, students will complete a required project. The project will have a minimum of one of the following: a door or drawer, require basic turning, or use advanced joinery.

Building Skills

Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
<p>Description: This course is an introduction to the basic building materials, components, and methods used in construction. We use several of the modules from the Paxton/Patterson Building Skills program. The Building Skills program is designed to give students the knowledge, skills, and experience to decide if a career in a construction-related area is a good fit for their interests and aptitudes. This program develops and builds competence in 21st-century skills and provides students the tools and the opportunities to be successful, and helps them become real-life problem solvers.</p> <p>We are currently using 10 of the modules. Blueprint Reading, Estimation, Wall Framing, Roof Framing, Plumbing, Electrical, HVAC, Drywall, Finish Carpentry, and Tile Setting. Students engage in a virtual welding module. We will also be exploring post-secondary education, apprenticeship, and other career opportunities available within the skilled trades.</p>	

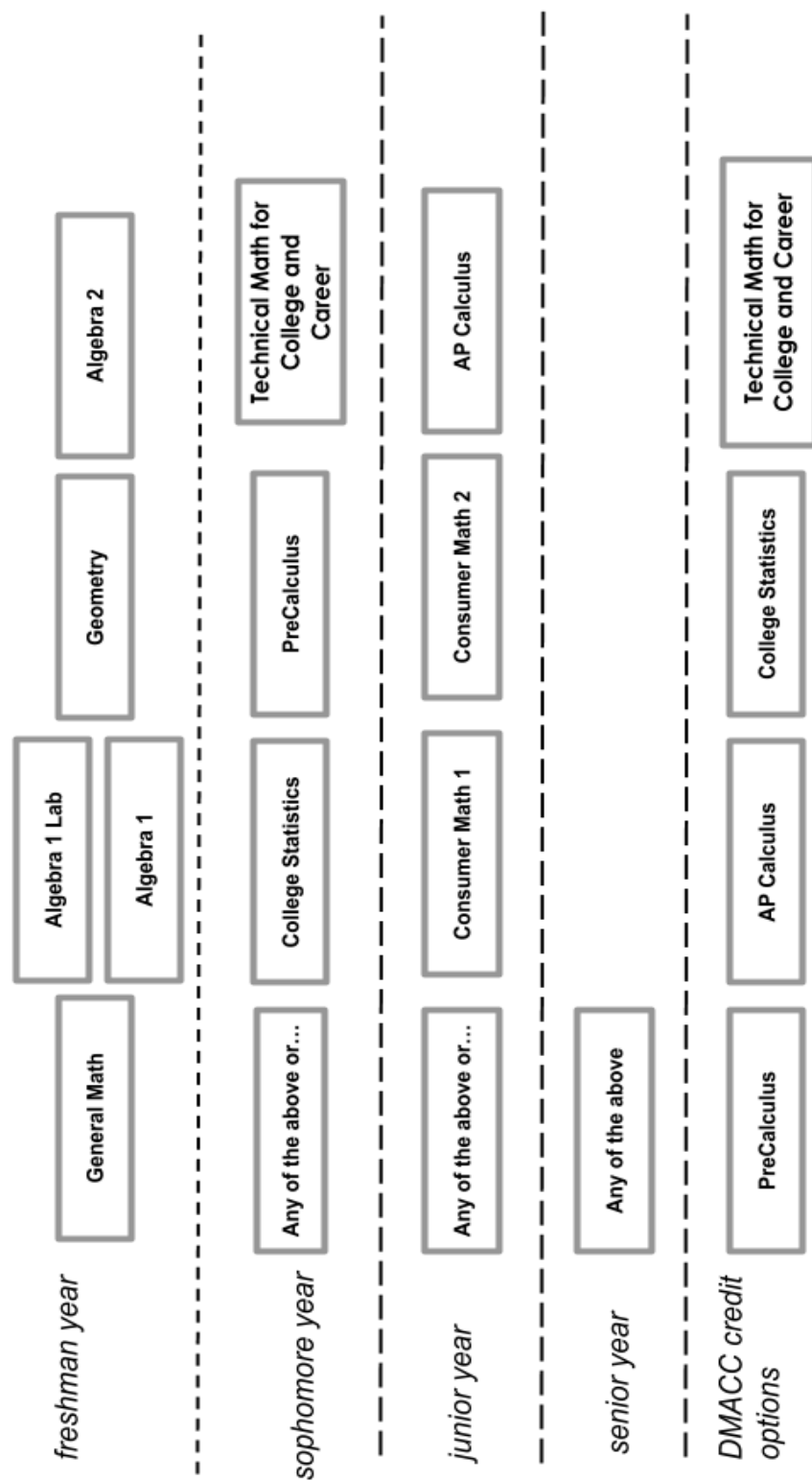
Cabinetmaking & Furniture

Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful completion of Woodworking Tech I and Woodworking Tech II	Type of Course: Elective
Offered to grades: 10-12	Other: Not NCAA eligible/does not count towards RAI
<p>Description: Cabinetmaking and Furniture is a course that provides students the opportunity to continue their studies in types of wood materials, hand and portable tools, industrial machines, joinery, fastening techniques, finishing, technology and safety as well as research and design. Upon successful completion of this course the student will have woodworking skills that will be useful in any aspect of the construction industry or home ownership. Additionally, the student should have a broader understanding of construction processes as well as more in depth problem solving skills.</p>	

Introduction to Engineering Design	
Credit: 2.0 + 3 DMACC	Length of Course: Two Semesters
Prerequisites: Successful completion of Algebra I	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Students are introduced to the engineering design process, applying math, science, and engineering standards to identify and design solutions to a variety of real problems. They work both individually and in collaborative teams to develop and document design solutions using engineering notebooks and 3D modeling software. Students develop skills in technical representation and documentation especially through 3D computer modeling using a Computer Aided Design (CAD) application. As part of the design process, students produce precise 3D-printed engineering prototypes using an additive manufacturing process. Reporting topics: Design process, technical sketching, measurement & statistics, geometry of design, documentation, beginning modeling, advanced modeling, and reverse engineering. This course corresponds to EGT 400 in the DMACC course guide.	

Principles of Engineering: Applied Physics	
Credit: 2.0 + 3 DMACC	Length of Course: Two Semesters
Prerequisites: Successful completion of Algebra II and Introduction to Engineering Design	Type of Course: Elective
Offered to grades: 10-12	Other: NCAA eligible/RAI approved
Description: POE is a course that helps students understand the field of engineering and engineering technology. Exploring various technology systems and manufacturing processes help students learn how engineers use math, science and technology in an engineering solving process to benefit people. The course is heavily project-based and includes machine control through computer programming. Students should have a strong math background and show an interest in the STEM fields (Science, Math, Engineering and Technology). Although highly recommended for serious science/math students the engineering courses cannot count for a science or math credit. This course does however correspond to EGT410 in the DMACC course guide.	

UHS Math Department Course Flow, Updated Fall 2023



MATHEMATICS

Bridges to Algebra I

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Teacher Approval	Type of Course: Math Credit
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Bridges to Algebra is designed to introduce students to algebra topics and prepare students for Algebra I.	

Algebra I Lab

Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: This course is designed to help students who need additional support in their Algebra 1 course. Each Algebra 1 Lab Lesson is associated with a lesson in the Algebra 1 course. This course will be scheduled to occur the day before the student's regularly scheduled Algebra 1 course.	

Algebra 1

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: Math Credit
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
Description: Algebra I provides the opportunities for students to develop mathematical concepts in a variety of applications. The emphasis is on the use of algebraic equations to model real data and solve problems. Algebra I provides the means of operating with concepts and applying various problem-solving skills towards them. Students are able to solve equations and inequalities, simplify algebraic expressions, graph linear functions, solve systems of equations, and perform polynomial operations. Students in Algebra I integrate reading, writing, speaking, listening, and cooperative learning skills in order to expand their knowledge and apply it to real-life situations.	

Geometry

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Successful completion of Algebra I	Type of Course: Math Credit
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
Description: Geometry is designed to provide insight into the properties of geometry and mathematical proofs, which will provide a good foundation for students who may want to take advanced courses. Most of the work is with two dimensional figures with the idea that students can transfer these properties to their three dimensional world.	

Algebra II

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Successful completion of 2 Geometry credits	Type of Course: Math Credit
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
Description: Students in Algebra II will extend topics introduced in Algebra I and learn to manipulate and apply more advanced functions and algorithms. Topics include review of Algebra I concepts; functions and graphing; systems of equations and inequalities; matrices; polynomials, radical, and rational functions; conic sections; and an introduction to trigonometry. Algebra II is designed to meet part of the three year entrance requirements for mathematics to most colleges.	

College Statistics

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Successful completion of Algebra II & Trig	Type of Course: Math Credit
Offered to grades: 10-12	Other: NCAA eligible/RAI approved
Description: The purpose of College Statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: <ul style="list-style-type: none"> • Exploring Data: Describing patterns and departures from patterns • Sampling and Experimentation: Planning and conducting a study • Anticipating Patterns: Exploring random phenomena using probability and simulation • Statistical Inference: Estimating population parameters and testing hypotheses 	

Students who successfully complete the course and exam may receive credit, advanced placement or both for a one-semester introductory college statistics course. **College Statistics corresponds to MAT157 in the DMACC guide.** To qualify for the 4 hours of DMACC credit, a student must complete the full year class (fall and spring semester) and register in the second semester with DMACC.

Pre-Calculus

Credit: 2.0 + 5 DMACC

Length of Course: Two Semesters

Prerequisites: Successful completion of Algebra II & Trig

Type of Course: Math Credit

Offered to grades: 10-12

Other: NCAA eligible/RAI approved

Description: Pre-Calculus is designed to prepare students for a course in calculus at the college level. This course is for students who intend to continue their education in mathematics, engineering, science, or other math-related areas, or who are interested in learning mathematics as a part of their total education. A secondary purpose is to provide students not planning a math-related career with the mathematics they need to pass-out of required math courses at the college level. **Pre-calculus corresponds to MAT 129 in the DMACC course guide.** To qualify for the 5 hours of DMACC credit, a student must complete the full year class (fall and spring semesters) and register in the second semester with DMACC.

Technical Math for College and Career

Credit: 2.0 +3 DMACC Credits

Length of Course: 1 year

Prerequisites: Successful completion of Algebra I and Geometry

Type of Course:
Math Credit

Offered to grades: 11-12

Other:

Description:

Technical Math for College and Career builds on previous high school math courses to extend mathematical topics and relationships. Emphasis will be placed on the application of mathematics in context and on modeling- a process that uses mathematics to represent, analyze, make predictions, or otherwise provide insight into real-world situations. Students will collect, organize, describe, and use quantitative data and draw inferences from real-world data. Students will represent and process their reasoning and conclusions numerically, graphically, symbolically, and verbally. Students will develop mathematical proficiency needed for future course work and in careers including, strategic competence and adaptive reasoning. **This course would correspond to the DMACC Course MAT 772: Applied Math**

Consumer Math 1

Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful completion of 2 years of Math Credit	Type of Course: Math Credit
Offered to grades: 11-12	Other: Not NCAA eligible/does not count towards RAI
Description: Consumer Math I is designed to develop and sharpen arithmetic skills through an exposure to the wide range of everyday uses for mathematics. This course is also designed to provide pertinent information that students will utilize in everyday living situations.	

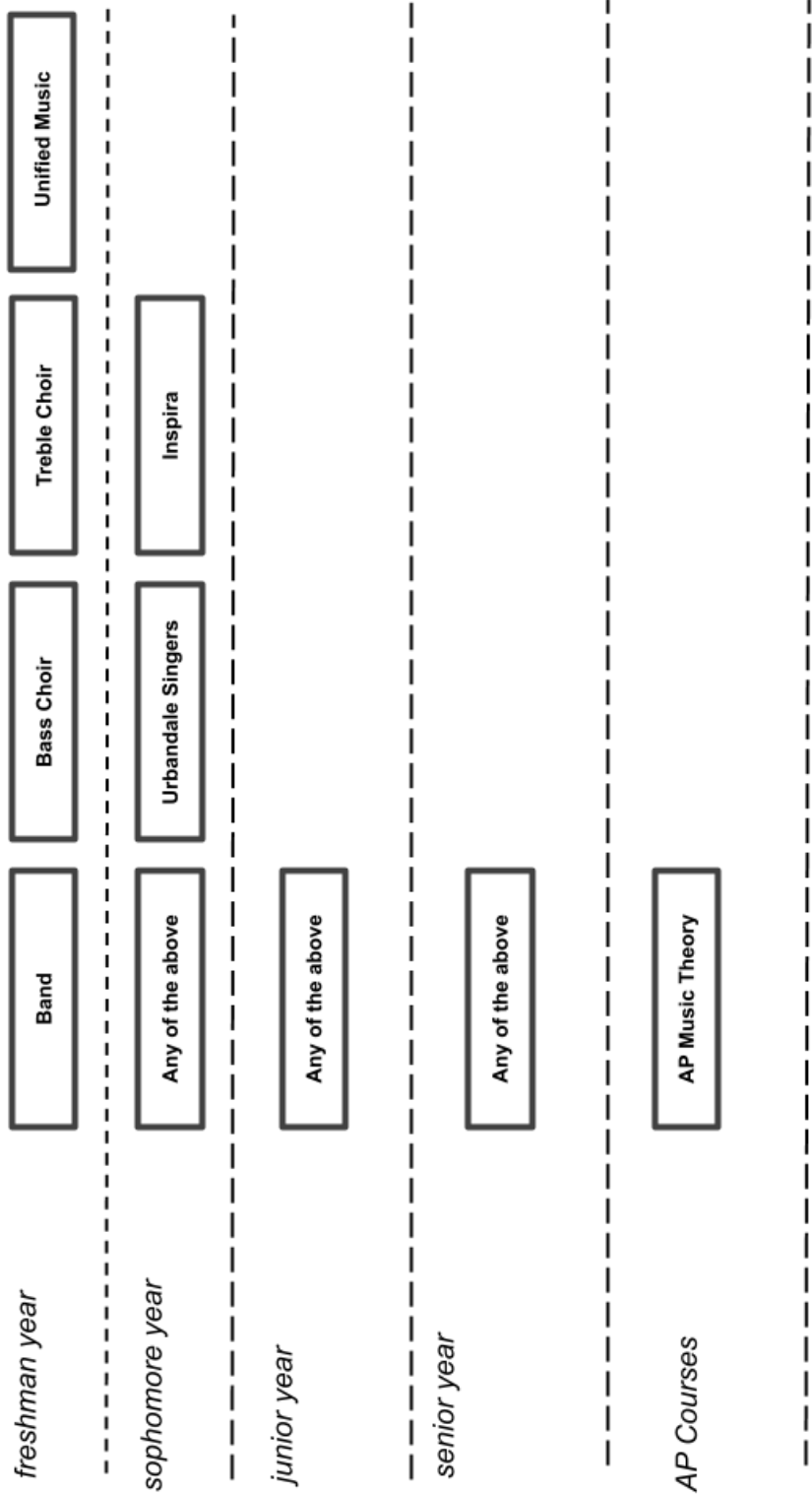
Consumer Math 2

Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful completion of 2 years of Math Credit	Type of Course: Math Credit
Offered to grades: 11-12	Other: Not NCAA eligible/does not count towards RAI
Description: Consumer Math 2 is designed to develop and sharpen arithmetic skills through an exposure to the wide range of everyday uses for mathematics. This course is also designed to provide pertinent information that students will utilize in everyday living situations. Consumer Math 1 is not a prerequisite.	

AP Calculus AB

Credit: 2.0 + 5 DMACC	Length of Course: Two Semesters
Prerequisites: Successful completion of Pre-Calculus	Type of Course: Math Credit
Offered to grades: 11-12	Other: NCAA eligible/RAI approved
Description: AP Calculus is designed to provide a thorough introduction into differential and integral calculus. It is comparable to the first year calculus course taught at some colleges and universities. Students who enroll in the course have the goals of getting a preview of calculus before college and/or acquiring sufficient skills and knowledge of the subject to enter a college mathematics program level higher than beginning calculus. The overall objective of the course is to prepare students for the advanced placement test in calculus. Most colleges and universities grant college credit for scoring well on this exam. AP Calculus corresponds to MAT 211 in the DMACC course guide. To qualify for the 5 hours of DMACC credit, a student must complete the full year class (fall and spring semester) and register in the second semester with DMACC.	

UHS Music Department Course Flow, Updated Fall 2024



MUSIC

Band

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: This year-long course is a performance-based class. Two substantial units take place: The unit for all band students first quarter is Marching Band. During second, third, and fourth quarters, students are placed into one of two sections for the units of Concert Band. Wind Ensemble is for proficient students; and Wind Symphony is for advanced students. All students will perform 15-20 times during the year at home football games, concerts within the school district, and several festivals around the area.	

Bass Choir

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Bass Clef Singers	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Bass Choir is a large ensemble open to all bass clef singers ninth through twelfth grade. This class emphasizes healthy singing technique and basic music literacy. Bass Choir performs a wide variety of choral repertoire in multiple concerts throughout the school year. Voice lessons are available to all interested students.	

Treble Choir

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Treble Clef Singers	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Treble Choir is a large ensemble open to all treble clef singers in grades 9-12. No audition is required. This class emphasizes healthy singing technique and basic music literacy. Treble Choir performs a wide variety of choral repertoire in multiple concepts throughout the school year. Voice lessons are available to all interested students.	

Inspira

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Audition/Treble Clef Singers	Type of Course: Elective
Offered to grades: 10-12	Other: Not NCAA eligible/does not count towards RAI
Description: Inspira is a large ensemble open to treble clef singers in grades 10-12. An audition with solo singing, sight-reading, and tonal memory components is required. This class emphasizes healthy singing technique and basic music literacy. Inspira performs a wide variety of choral repertoire in multiple concerts throughout the school year. Voice lessons are available to all interested students.	

Urbandale Singers

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Treble and Bass Clef Singers (Audition with solo singing, sight reading and tonal memory is required)	Type of Course: Elective
Offered to grades: 10-12	Other: Not NCAA eligible/does not count towards RAI
Description: Urbandale Singers is the premier UHS choral ensemble of students in grades 10-12. This class emphasizes healthy singing technique and advanced music literacy. Urbandale Singers performs a wide variety of choral repertoire in multiple concerts throughout the school year. Voice lessons with a private teacher or UHS instructor (offered at no cost to the student) are required.	

Unified MUSIC

Credit: 1	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12+	Other:

Description: Unified music is a one semester class is an adaptive Music class designed for students with unique physical and/or academic needs. General education and special education students are partners in the Unified Music class. General education students must submit an application in order to be considered for acceptance into this course. Acceptance is based on the application form, past pattern of good attendee, patience, and a desire to work with special needs' peers. Partners will collaborate, support, and assist in the completion of a variety of music activities together.

AP Music Theory

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI

Description: This is a year-long course that teaches a wide array of musical concepts. Along with music theory and beginning composition the students also deal with aural skills, dictation, and sight singing. Students learn the basics of music notation and score analysis along with knowledge of basic tonal harmony in the eighteenth century common practice period style. The ultimate goal of the course is to develop a student's ability to recognize, understand, analyze, and describe the aspects and processes of music that is heard or seen in a score. Students engage in a variety of writing, singing, and compositional exercises that teach them the many aspects of musical composition and analysis. The focus is on learning the foundational principles of music theory that lead to aptitude in analysis and beginning composition. A primary goal of this course is to prepare students to take the AP Theory exam that is offered toward the end of the year. Students who pass may earn college credit at a number of colleges and universities.

OFF CAMPUS PROGRAMS

Central Campus/Des Moines Area Community College

By arrangement with DMACC and the Des Moines Independent School District, Urbandale High School students are welcome to take courses offered at Des Moines Central Campus. Course credit will be applied to your graduation requirements at Urbandale High School. Students may select from a wide variety of course opportunities to enrich their high school experience. They will attend one-half day at Central Campus/DMACC and one-half day at Urbandale High School. One period each day is required for travel time. For more information, contact your counselor at your school.

Central Campus

Construction Trades

- Cartentry I
- Electrical Construction I
- Plumbing & Mechanical Systems I
- Welding I

Environmental and Agricultural Science

- Aquarium Science
- Marine Biology
- Animal/Plant Science

Multimedia & Communications

- Advanced Graphic Communications I
- Broadcasting/Film I

JROTC

- Marines (Includes P.E. Credit)

DMACC Career Advantage

Automotive Collision

- Basic Shop Safety
- Sheet Metal Fundamentals
- Principles of Refinishing
- Estimating Theory
- Sheet Metal Welding

Automotive Technology

- Intro to Auto Tech I
- Intro to Auto Tech II

Business

- Principles of Marketing
- Career Dev. Skills
- Intro to Business
- Principles of Management
- Human Relations in Management

Computer Aided Design Tech

- CAD Graphics I
- CAD Graphics II

Computer Programming

- Intro to Database
- C #
- Database and SQL
- Intro to Programming Logic with Logic
- Intro to HTML and CSS

Criminal Justice

- Intro to Criminal Justice
- Criminal Investigations
- Survey of Criminal Justice Agencies
- Juvenile Delinquency

Culinary Arts

- Food Preparation I
- Food Preparation Lab I
- Sanitation and Safety
- Food Preparation II
- Food Preparation Lab II

Cyber Security

- Administering Window Server
- Applied Computer Security
- Linux Network Admin
- Programming for New Admins

Diesel Technology

- Power Trains I
- Hydraulics & Brakes

EMT

- Emergency Medical Technician

Fashion

- Fashion Industry Analysis
- Fashion Design
- Textile Science
- Creative Design Foundations

Health Occupations

Nurse Aid Training
Advanced Nurse Aide
Emergency Care
Intro to Health Occupations
Medical Terminology
Explore Health Career

Engine Lathe Theory
Engine Lathe Operations Lab
Mill Operations Theory
Mill Operations Lab
Machine Shop Measuring
Mach Trade Print Reading I

Machine Operations/Tool & Die

ONLINE AP COURSES

Online AP Computer Science A (Java)

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Successful completion of Algebra I	Type of Course: Elective
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
Description: In AP Computer Science A (Java), students learn fundamental programming topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and ethical and social implications of computing.	

Online AP English Language and Composition

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Teacher recommendation	Type of Course: English Credit
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
Description: In AP English Language and Composition, students learn to understand and analyze complex styles of writing by reading works from a variety of authors. They will explore the richness of language, including syntax, imitation, word choice, and tone. They'll also learn about their own composition style and process, starting with exploration, planning, and writing, and continuing through editing, peer review, rewriting, polishing, and applying what they learn to a breadth of academic, personal, and professional contexts. The equivalent of an introductory college-level survey class, this course prepares students for the AP Exam and for further study in communications, creative writing, journalism, literature, and composition.	

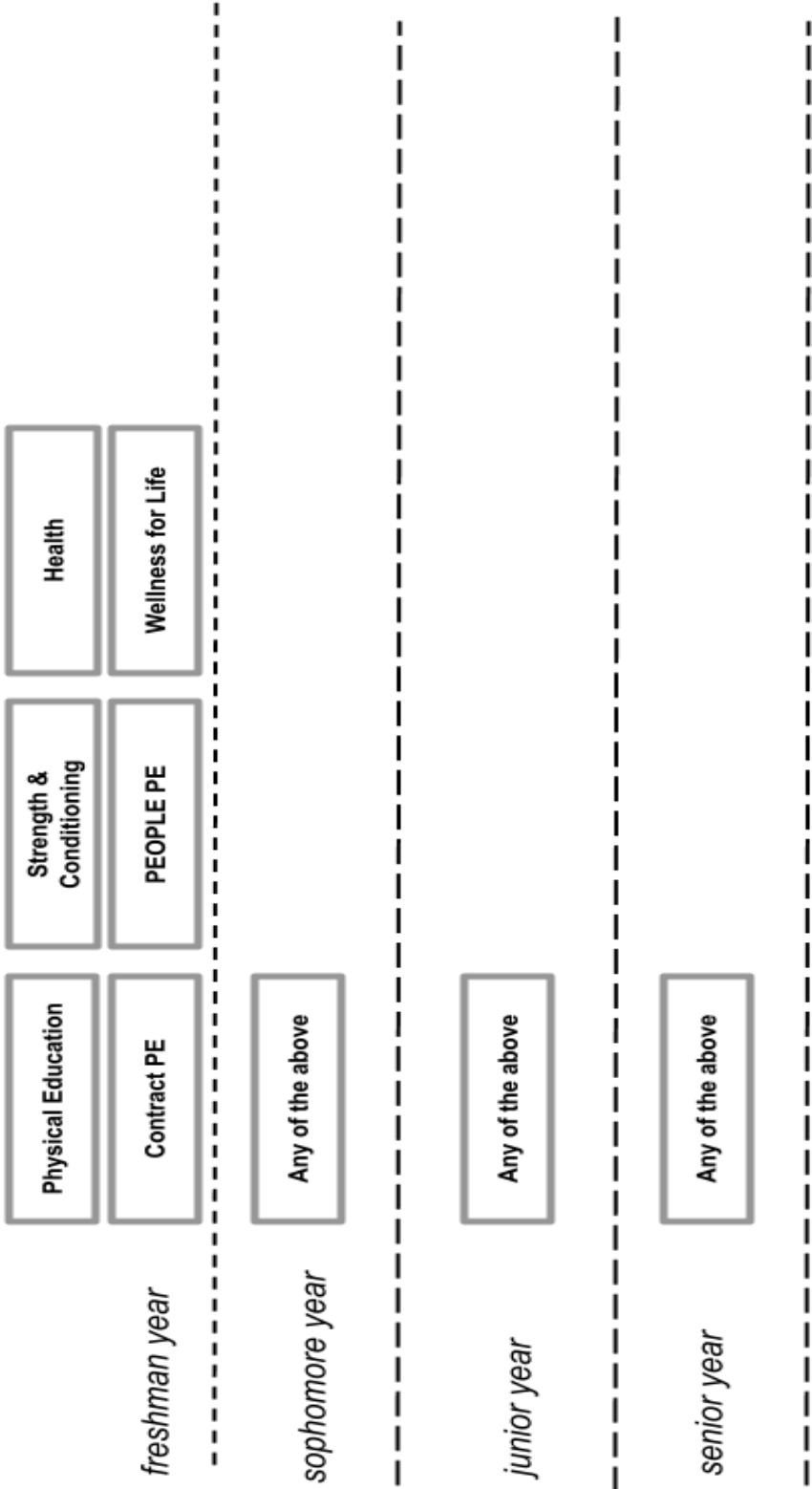
Online AP Macroeconomics	
Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful completion of Algebra II & Trig	Type of Course: Social Studies Credit
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
<p>Description: AP Macroeconomics students learn why and how the world economy can change from month to month, how to identify trends in our economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. They'll also examine how individuals, institutions, and influences affect people, and how those factors can impact everyone's life through employment rates, government spending, inflation, taxes, and production. The equivalent of a 100-level college-level class, this course prepares students for the AP Exam and for further study in business, political science and history.</p>	

Online AP Microeconomics	
Credit: 1.0	Length of Course: One Semesters
Prerequisites: Successful completion of Algebra I	Type of Course: Social Studies Credit
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
<p>Description: AP Microeconomics studies the behavior of individuals and businesses as they exchange goods and services in the marketplace. Students will learn why the same product costs different amounts at different stores, in different cities, at different times. They'll also learn to spot patterns in economic behavior and how to use those patterns to explain buyer and seller behavior under various conditions. Microeconomics studies the economic way of thinking, understanding the nature and function of markets, the role of scarcity and competition, the influence of factors such as interest rates on business decisions, and the role of government in promoting a healthy economy. The equivalent of a 100-level college course, AP Microeconomics prepares students for the AP Exam and for further study in business, history, and political science.</p>	

Online AP Physics

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Successful completion of Algebra II & and College Physics	Type of Course: Science Credit
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
Description: AP physics B is a non-calculus survey course covering five general areas: Newtonian mechanics, thermal physics, electricity and magnetism, waves and optics, and atomic and nuclear physics. Students will gain an understanding of core physics principles and then apply them to problem-solving exercises. Students will learn how to measure the mass of a planet without weighing it, find out how electricity makes a motor turn, and learn how opticians know how to shape the lenses for glasses. The equivalent of an introductory college-level course, AP Physics B prepares students for the AP exam and for further study in science and engineering.	

UHS Physical Education & Health Department Course Flow, Updated Fall 2023



PHYSICAL EDUCATION & HEALTH

Physical Education 9-12	
Credit: 0.5	Length of Course: Two Semesters
Prerequisites: None	Type of Course: Physical Education Credit
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: The objective of 9th/10th grade physical education is to actively participate in lifetime recreation, team, and individual activities. Students will be able to evaluate and work to improve muscular endurance and strength, determine and work to improve flexibility, assess and work to improve cardiovascular endurance, and be capable of evaluating their overall personal fitness levels. This course will integrate the State requirements of physical education.	

Strength and Conditioning	
Credit: 0.5	Length of Course: Two Semesters
Prerequisites: None	Type of Course: Physical education Credit
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: This class introduces proper form and foundational movements of weight training. The complexity and intensity increase over time. The workouts are personalized for each student. We use a platform called Teambuildr which provides the daily individual workout for every student. For students who are student athletes, this workout is based on whether they are in-season or off-season for their sport. Time is allowed for showering and breakfast will be available by UCSD at the student's expense if they participate in 1st or 2nd hour S/C.	

Contract Physical Education	
Credit: 0.5	Length of Course: Two Semesters
Prerequisites: See course description below	Type of Course: Physical Education Credit
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
<p>Description: In extenuating circumstances, students in grades 9–12 may participate in programs other than the regular physical education instructional program and still receive credit to meet graduation requirements. Student must meet the following requirements:</p> <ul style="list-style-type: none"> • Students must have a full academic schedule: 1. The schedule must include band, chorus and world language to be considered a full schedule. Or 2. The schedule includes senior credit deficiency needs. Or 3. The schedule includes vocational programs (such as DMACC or Central Campus). • Students must participate in the activity 2.0 hours per week. • Students must keep a log of the activity that includes the amount of time spent on the activity each week. Logs can be found on the high school page of the website. • Students must meet the CPR certification requirement for graduation. • Students will receive a letter grade based on participation and documentation. For every week the participation and documentation requirements are not met, the student's grade will be lowered one whole grade. 	

PEOPLE PE	
Credit: 0.5	Length of Course: Two Semesters
Prerequisites: Applications required for peer helpers	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
<p>Description: Physical Education Opportunities for Exceptional Learners (PEOPLE PE) is an adaptive PE class designed for students with unique physical and/or health needs. General education and special education students are partners in the PEOPLE PE class. General education students must submit an application in order to be considered for acceptance into the course. Acceptance is based on the application form, a past pattern of good attendance, patience, and a desire to work with special needs' peers. Applications are available from the PE department.</p>	

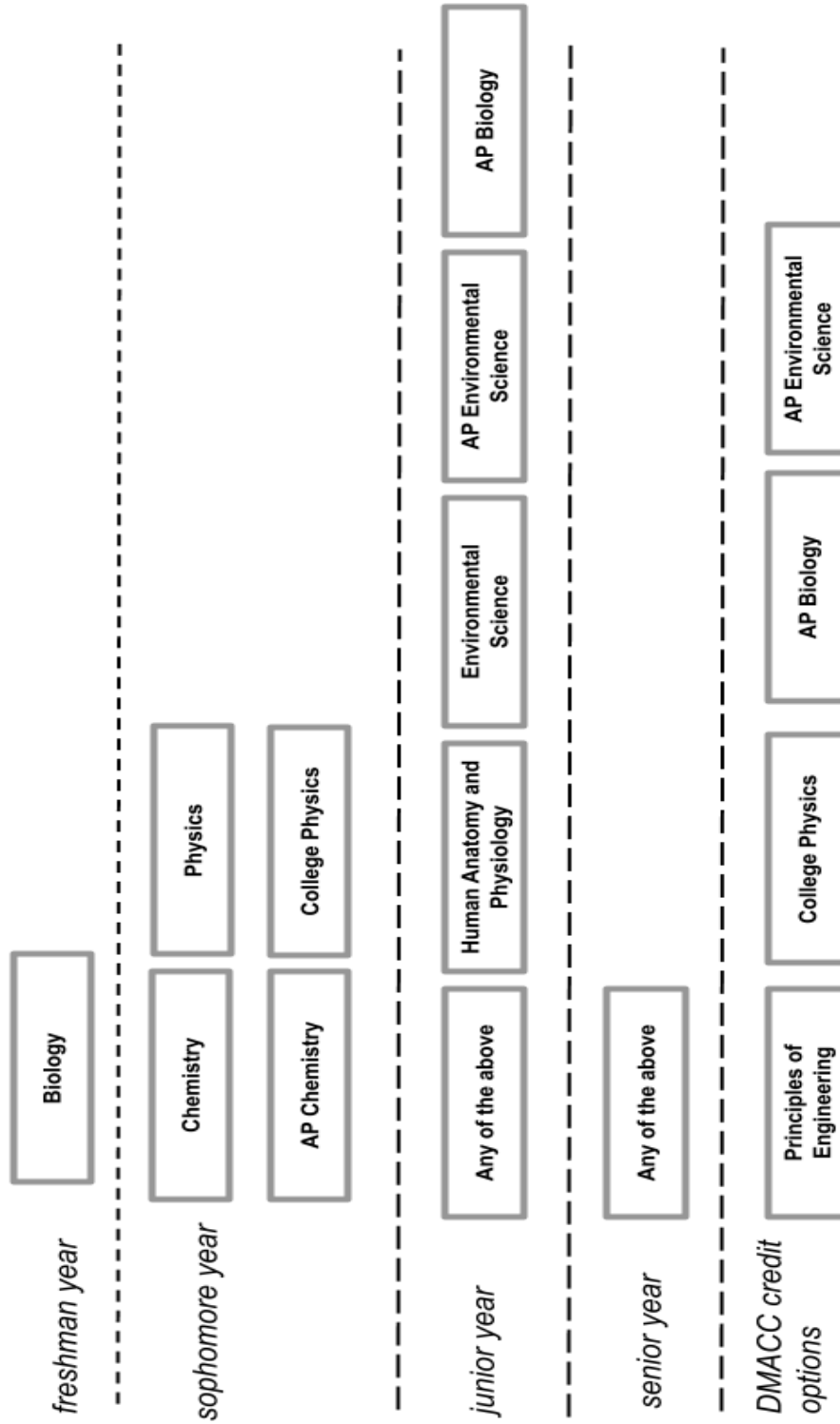
Health

Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Health Credit
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: This Health course is a one semester, state-mandated comprehensive course. Students are introduced to a spectrum of health-based topics. Areas of study include, but are not limited to the following: self-esteem & mental health, hygiene, anatomy, exercise, nutrition, substance abuse, family life, control & prevention of disease, consumer choices, death/dying, environmental concerns, and human growth & development. Guest speakers from State & government agencies that provide health resources are sometimes included. Interdisciplinary projects are a routine part of the health curriculum.	

Wellness for Life

Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful completion of Health	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: The Wellness class continues the progression of health-related information that has been taught in Health and PE classes. Areas of study include: stress management, body systems, health care systems, health related careers, dynamics of nutrition, body image, sexual harassment, fitness, international health, wellness programs, disabilities, infectious/non-infectious disease, mental disorders, self-esteem, and community health services. Wellness students will be able to research and present health related topics that interest them.	

UHS Science Department Course Flow, Updated Fall 2023



SCIENCE

Biology

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: Science Credit
Offered to grades: 9	Other: NCAA eligible/RAI approved
Description: Biology is a survey of many different aspects of living things. It will cover topics ranging from microscopic to populations of organisms. The course will provide a strong background in the basic biological language.	

Physics

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Successful completion of Algebra I	Type of Course: Science Credit
Offered to grades: 10-12	Other: NCAA eligible/RAI approved
Description: Physics is a two-semester course designed to provide students opportunities to explore the interactions between matter and energy including topics such as motion, conservation of momentum, gravitational and electrostatic forces, magnetic fields and electric currents, conservation of energy, thermodynamics, optics, and waves. Students will be engaged in hands-on lab experiences throughout the course from both a mathematical and conceptual approach to build deep understanding of these topics.	

College Physics

Credit: 2.0 + 5 DMACC	Length of Course: Two Semesters
Prerequisites: Successful completion of Algebra II & Trig	Type of Course: Science Credit
Offered to grades: 10-12	Other: NCAA eligible/RAI approved
Description: College Physics is an advanced two-semester physics course that is taught by experimentation in the lab. Reporting Topics include Math Foundations, 1D Motion, Forces, 2D Motion, Energy & Momentum, Wave Mechanics, Fluid Dynamics & Engineering. Engineering projects are completed each quarter culminating in a miniature roller coaster competition at Iowa State University. The Drake Physics Prize Exam will be offered in February for more scholarship opportunities. College Physics corresponds to PHY160 in DMACC's course guide.	

Chemistry

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Successful completion of Algebra I	Type of Course: Science Credit
Offered to grades: 10-12	Other: NCAA eligible/RAI approved
Description: This two-semester course is designed to meet the needs of the student who wants to go on to a 4 year university. The course will focus on the modern concepts of chemistry and on using problem solving effectively. Some topics investigated include atomic structure, periodic law, chemical bonds, chemical composition, chemical equations, gas laws, solution process, acid and bases, and science/society issues pertaining to chemistry. A student must pass the 1st semester to enroll in the 2nd semester.	

Human Anatomy and Physiology

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Successful completion of 2 years of science, including Biology	Type of Course: Science Credit
Offered to grades: 11-12	Other: NCAA eligible/RAI approved
Description: Human Anatomy and Physiology is a yearlong course taught to prepare students for college level medical and/or anatomy courses. During this class, students will study the structure and function of the body systems systemically. Students will start the class by reviewing basic biology knowledge, as well as learning important vocabulary and terminology used by the scientific community. A fundamental understanding of chemistry concepts is important to a student's success in this class. The following body systems will be taught: integumentary, skeletal, muscular, nervous systems, endocrine, circulatory, respiratory, digestive, urinary, and immune body systems.	

Environmental Science	
Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Successful completion of 2 years of science, including Biology	Type of Course: Science Credit
Offered to grades: 11-12	Other: NCAA eligible/RAI approved
Description: In environmental science we will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Some topics investigated include Earth systems and resources, the living world, population, land and water use, energy resources and consumption, pollution, and global change.	

AP Environmental Science	
Credit: 2.0 + 4 DMACC	Length of Course: Two Semesters
Prerequisites: Successful completion of Biology and currently enrolled in Chemistry	Type of Course: Science Credit
Offered to grades: 10 - 12	Other: NCAA eligible/RAI approved
Description: The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human made environmental problems, evaluate the risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. Qualifies for DMACC ENV 115 and ENV 116.	

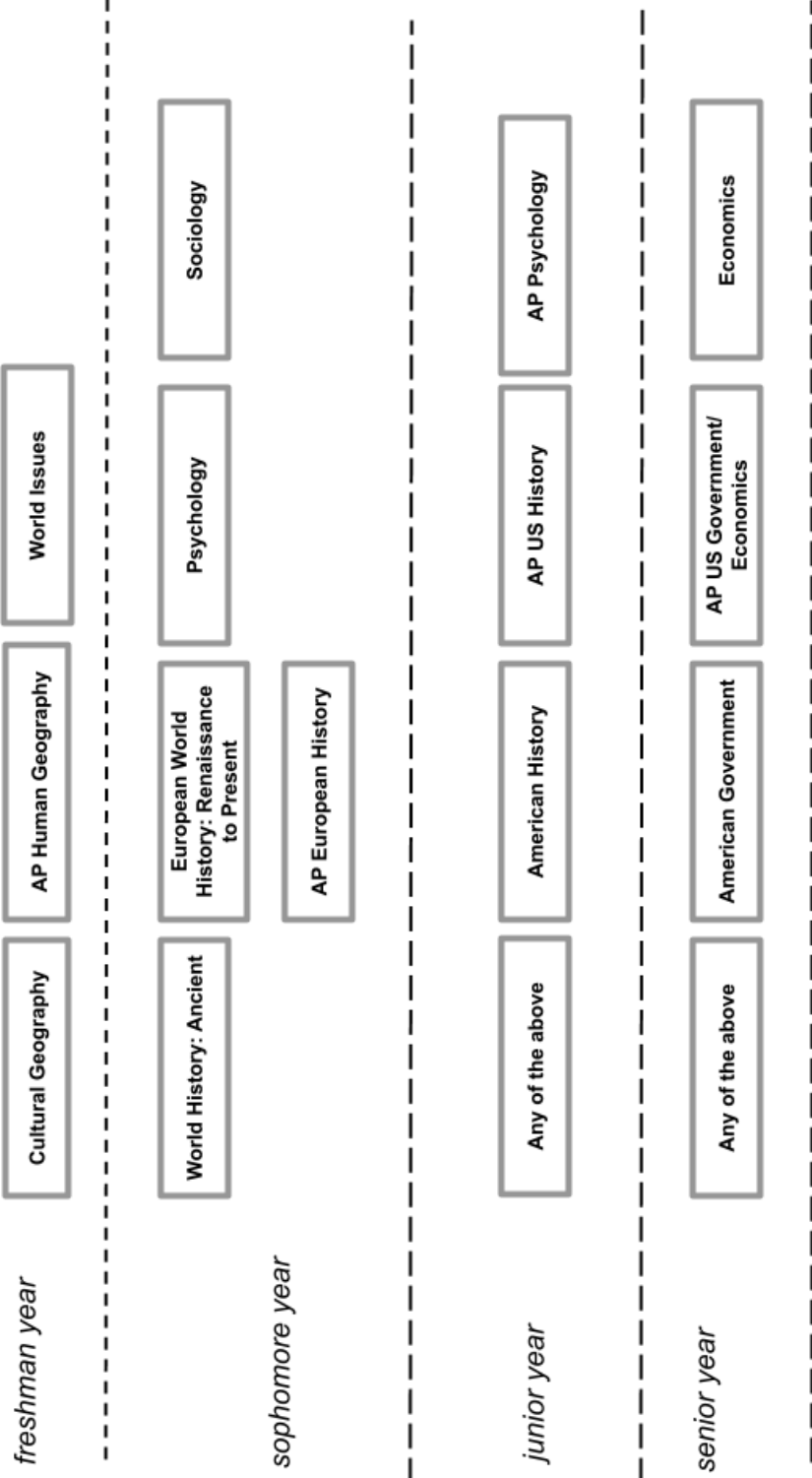
AP Chemistry

Credit: 2.0	Length of Course: One Two Semesters
Prerequisites: Successful completion of Chemistry. Successful completion of or concurrent enrollment in Algebra II and Trig.	Type of Course: Science Credit
Offered to grades: 10-12	Other: NCAA eligible/RAI approved
Description: AP Chemistry is a two-semester course that provides students the opportunity to engage in a rigorous and real-world relevant college-level chemistry course. The course is intended for students who are considering pursuing science-related fields in their post-secondary education. Chemistry topics covered in this course are: atomic structure, compound structures, intermolecular forces, chemical reactions, kinetics, thermodynamics, equilibrium, and acids and bases. Must pass AP Exam to earn college credit.	

AP Biology

Credit: 2.0 + 8 DMACC	Length of Course: Two Semesters
Prerequisites: Successful completion of Biology & Chemistry or currently enrolled in Chemistry	Type of Course: Science Credit
Offered to grades: 10 - 12	Other: NCAA eligible/RAI approved
Description: College AP Biology will cover a full range of biology concepts from microbiology to macro-biology. This is a college level biology course. A fundamental understanding of chemistry concepts is important to a student's success in this class. First semester will focus on microbiology, such as biochemistry, cell biology, biochemical pathways, genetics, and heredity. Second semester will emphasize macro-biology, such as evolution, taxonomy and classification of species, and the structure and physiology of plants and animals.	
Qualifies for DMACC credit BIO 112 and BIO 113.	

UHS Social Studies Department Course Flow, Updated Fall 2024



SOCIAL STUDIES

Cultural Geography	
Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course:
Offered to grades: 9	Other: NCAA eligible/RAI approved
Description: This course introduces students to the connections between the physical geography of a place and how it influences the culture of the people that live there. The curriculum covers the major methods and theories that are used in attempting to explain the world that human beings have created.	

AP Human Geography	
Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course:
Offered to grades: 9	Other: NCAA eligible/RAI approved
Description: AP Human Geography is a two-semester course designed as an introductory college geography class. This course introduces students to the basic concepts of human geography and provides a geographic framework for the analysis of current world problems. The course introduces students to the systematic study of patterns and processes that have helped shape human understanding, as well as the use and alteration of the Earth's surface. The course develops the ability to ask geographic questions, to acquire, organize, and analyze geographic information, and finally answer various geographic questions. Students employ spatial concepts and landscape analysis of human social organization and its environmental consequences.	
Successful completion of an Advanced Placement course requires more commitment to study time than a normal high school class. Therefore, before registering for these classes, it is highly recommended that the students assess their total course schedule as well as the amount of involvement in extracurricular activities.	

World Issues

Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
Description: World Issues is designed to acquaint the student with a wide range of current worldwide and national issues. Important issues or events in the world will be traced to their historical roots. This course is designed to assist students in becoming more informed world-citizens and to give them the historical background of events necessary to better understand current situations. Students will become familiar with important people, places and events in the world and will be able to hold opinions based on facts and deeper understanding.	

World History: Ancient

Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12	Other: NCAA eligible/RAI approved
Description: World History focuses on the development of civilization from earliest man. Emphasis is placed on human achievement from the Neolithic Period through the Middle Ages, examining the lasting contributions to Western Civilization made by the major groups studied. Comparisons are drawn between ancient times and modern where applicable. The student should gain an understanding of cultural heritage and an appreciation for the contributions made by individuals and societies that lived in ancient times.	

European World History: Renaissance to Present

Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12	Other: NCAA eligible/RAI approved
Description: European World History focuses on the political development of modern European nations from 1500 to the 20th Century. Special emphasis is place on political and social movements, which include nationalism, revolution, imperialism, and the effects of war. The students should gain an understanding of the complexity of the modern world and an appreciation of current issues and conflicts.	

AP European History

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12	Other: NCAA eligible/RAI approved
<p>Description: AP European History focuses on an in-depth study of the history of Europe from 1500 to present. The topics emphasized will include Renaissance and Exploration, Reformation and Religious Wars, Early Modern Society, Scientific Revolution, Growth of the State and Commercial Revolution, Enlightenment and Social Change, French Revolution, Industrial Society, nationalism and Imperialism, Intellectual, Cultural, and Social Upheaval, world War I and Revolution, The Crisis of Democracy, and World War II, and 1945 to present. Emphasis will be placed on themes that run throughout history. Essay writing will be an important component of the course as well as document-based questions (DBQs) and multiple choice quizzes and exams. These are designed to replicate components of the College Board exam to prepare students to take the AP European History Test.</p> <p>Successful completion of an Advanced Placement course requires more commitment to study time than a normal high school class. Therefore, before registering for these classes, it is highly recommended that the students assess their total course schedule as well as the amount of involvement in extracurricular activities.</p>	

Psychology

Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12	Other: NCAA eligible/RAI approved
<p>Description: A general survey of the important concepts in psychology with traditional theories and modern developments. It includes, but is not limited to, such topics as the history of psychology, biopsychology, learning, memory, sensation and perception, states of consciousness, motivation, emotions, personality, social psychology, and abnormal behavior.</p>	

Sociology

Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 10-12	Other: NCAA eligible/RAI approved
Description: In this course, students explore the concepts and theories necessary to understand the social world around them. We cover topics such as socialization, culture, theoretical perspectives, sociological research methods, social stratification, deviance and crime, and race, ethnic, and gender relations.	

AP Psychology

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: Elective
Offered to grades: 11 -12	Other: NCAA eligible/RAI approved
Description: The Advanced Placement Psychology course is designed for students who wish to complete studies equivalent to an introductory college course in Psychology. The purpose of the course is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. Major topics in the course include: history and approaches, biopsychology, sensation and perception, states of consciousness, learning, social psychology, and abnormal behavior.	
Successful completion of an Advanced Placement course requires more commitment to study time than a normal high school class. Therefore, before registering for these classes, it is highly recommended that the students assess their total course schedule as well as the amount of involvement in extracurricular activities.	

American History

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: Social Studies Credit
Offered to grades: 11	Other: NCAA eligible/RAI approved
Description: American History is a two-semester course required for graduation. In this class, students will explore the political, economic, and social factors that have shaped American society from Reconstruction to the present. Students will be required to examine events by using primary sources and utilize critical thinking skills to gain deeper understanding of the content.	

AP US History

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: Social Studies Credit
Offered to grades: 11	Other: NCAA eligible/RAI approved
<p>Description: This course is a year-long thorough study of our nation's development from European colonial discovery to the present day. It is an academically challenging course that includes political, social, economic, and cultural history. Students who enroll in Advanced Placement United States History will be exposed to a college-level curriculum with continuing experiences to develop advanced writing skills, and test preparation skills. This course will prepare students to take the Advanced Placement Examination in U.S. History.</p> <p>Successful completion of an Advanced Placement course requires more commitment to study time than a normal high school class. Therefore, before registering for these classes, it is highly recommended that the students assess their total course schedule as well as the amount of involvement in extracurricular activities.</p>	

American Government

Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Social Studies Credit
Offered to grades: 12	Other: NCAA eligible/RAI approved
<p>Description: American Government is a one semester course required for graduation. Students study a basic overview of the development of the U.S. Government, political beliefs and process, and the three branches of government. The focus is on the national government, with additional information of state and local politics, and civic duty and responsibility.</p>	

Economics

Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Social Studies Credit
Offered to grades: 12	Other: NCAA eligible/RAI approved
<p>Description: Economics class provides an introduction to the basic principles of microeconomics and macroeconomics. These theories are emphasized and highlighted in relation to the U.S. economy. Additionally, international finance is studied with respect to how the U.S. fits globally into world economies.</p>	

AP US Government/ Economics	
Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: Social Studies Credit
Offered to grades: 12	Other: NCAA eligible/RAI approved
<p>Description: This course will meet both the government and economics requirements for graduation and also prepare students to take the AP government and politics exam, integrating it with the basic principles of economics. Students will become familiar with the foundations of our democracy, interactions among our branches of government, civil rights and liberties, political participation, and public policy. Students will be equipped to view current issues in American society from a political and economic point of view.</p> <p>Successful completion of an Advanced Placement course requires more commitment to study time than a normal high school class. Therefore, before registering for these classes, it is highly recommended that the students assess their total course schedule as well as the amount of involvement in extracurricular activities.</p>	

VOCATIONAL

Work Experience

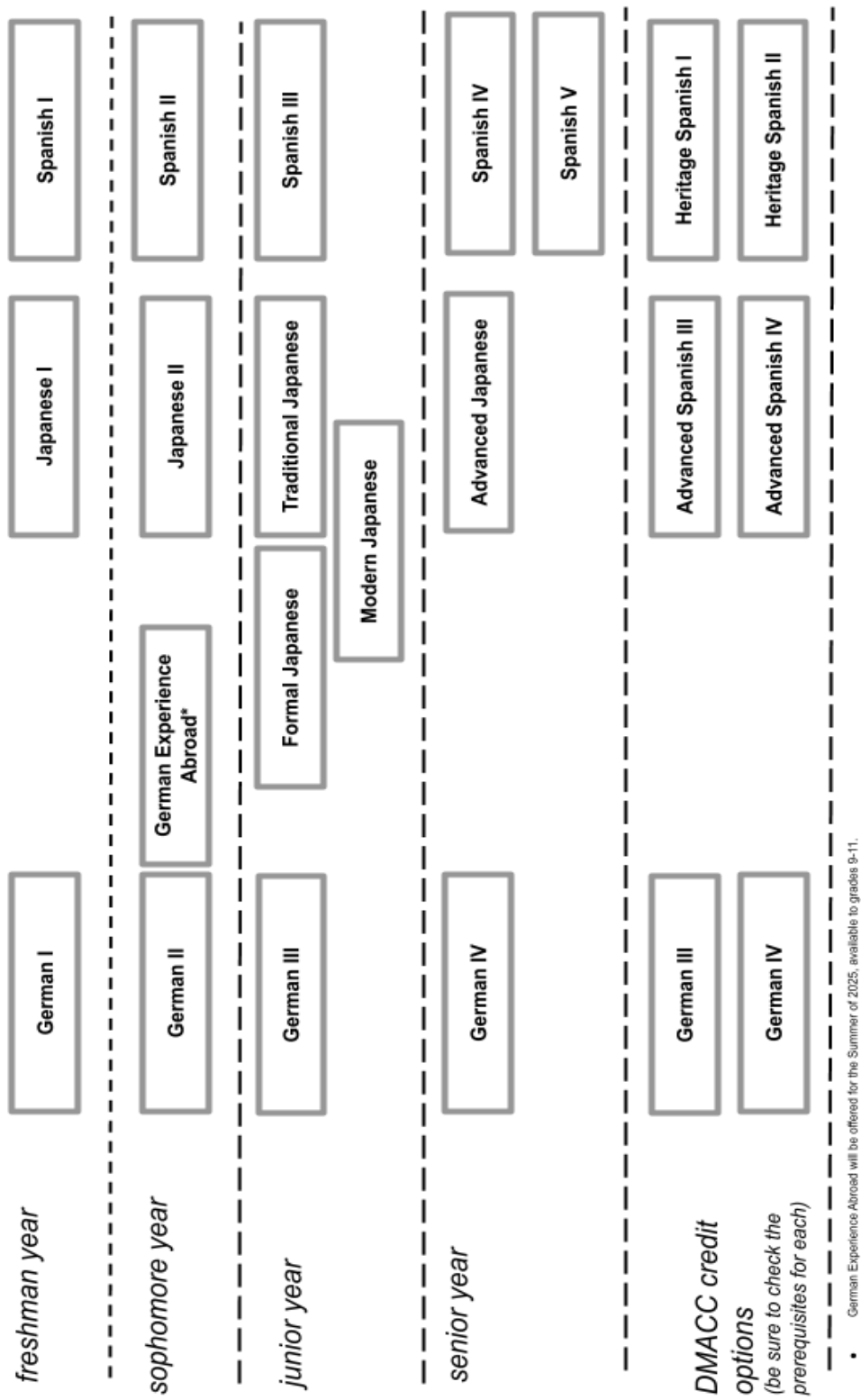
Credit: 0.5 to 4.0	Length of Course: One or Two Semesters
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: The Work Experience Program is a cooperative arrangement between student, school, and employer. Work Experience allows a student to gain job skills, earn money, and school credit through employment in the community. While on the job, the student will learn firsthand the skills/competencies needed to get and keep a job. Students must have a job ("cash" jobs and working for relatives does not count). Students should plan to meet with the coordinator once a week.	

Succeeding in the World of Work

Credit: 1.0	Length of Course: One Semester
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: Not NCAA eligible/does not count towards RAI
Description: Succeeding in the World of Work is an elective course designed for the student who wants to learn more about finding a career, applying for jobs, and what to do once a job has been secured. Students will learn about various careers, job applications, resumes, cover letters, and the interview process. Students will assess their own abilities, make a budget, discover what job expectations are, learn effective communication in the workplace, complete simple tax forms, and find out how to meet their adult responsibilities. There will be guest speakers from the community work force to discuss various jobs.	

Iowa Jobs for America's Graduates (I-JAG)	
Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: Elective
Offered to grades: 11-12	Other: Not NCAA eligible/does not count towards RAI
<p>Description: iJAG (Iowa Jobs for America's Graduates) is a career exploration and preparation program that provides a hands-on approach in exploring personal strengths and challenges, as well as job attainment skills (cover letter, resume, job application, interviewing, etc.) and workplace survival skills (interpersonal relations, team work, etc.). Students will work to build strengths in academic areas, time management, and communication. The individual and team project work will also help students come to an understanding of personality and temperament and 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 through development of an Individual Career Development Plan. This full-year, credited course involves individual assignments, team activities/projects, academic remediation support, service learning opportunities, guest speakers, field trips, state iJAG events and career exploration through job shadowing and/or an internship. Students will also participate in the iJAG Career Association in various activities focused on Career and Leadership Development, Service Learning, and Civic/Social Awareness.</p>	

UHS World Language Department Course Flow, Updated Fall 2024



WORLD LANGUAGE

German I

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
<p>Description: Students will acquire basic German vocabulary and communication skills. They will develop strong skills in listening, speaking, reading and writing by listening to, reading, acting out, (re)telling, and (re)writing thematic short stories and, even more so, by talking and writing about themselves, others and their lives. Topics include: colors, numbers, shapes, alphabet, days, months, holidays, hobbies, health, emotions, body parts, clothing, family, food, countries/ nationalities/ languages, animals, classroom objects, school, professions, house and rooms etc. Students will make cultural hands-on experiences. A major goal of this class is communication with fluency. Thus, grammar will be deemphasized. Students will use the grammar rather than know and talk about it (subject-verb agreement, present tense, future tense, present perfect tense, modal verbs, article-noun agreement, question words, imperative, coordinating conjunctions, word order).</p>	

German II

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Successful completion of German I	Type of Course: Elective
Offered to grades: 10-12	Other: NCAA eligible/RAI approved
<p>Description: Students will continue to acquire basic German vocabulary and improve their skills in listening, speaking, reading and writing by listening to, reading, acting out, (re)telling, and (re)writing thematic short stories and, even more so, by talking and writing about themselves, others and their lives. They will learn how to describe themselves and others, talk about their hobbies, daily routines, chores, health and fitness, learn about the geography of Germany, farms. Furthermore, they will learn about various buildings in a city and their functions, means of transportation, traveling, and various sleeping accommodations in cities, how to find their way around in a German city, how to order food in a restaurant, how to do shopping, how to buy a train ticket, how to book a hotel, etc. In addition to reading about various customs in the German-speaking countries, they will make cultural hands-on experiences. A major goal of this class is communication with fluency and an increasing focus on accuracy. Students will learn about and use the following grammar points: subject-verb agreement, present tense, future tense, present perfect tense, modal verbs, article-noun agreement, question words, imperative, coordinating conjunctions, word order, reflexive verbs and reflexive pronouns, separable-prefix verbs, article-adjective agreement, article-noun agreement, prepositions, word order.</p>	

German III

Credit: 2.0 + 4.0 DMACC	Length of Course: Two Semesters
Prerequisites: Successful completion of German II	Type of Course: Elective
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
Description: Students will acquire more German vocabulary and refine their communication skills. They will continue to develop their skills in listening, speaking, reading and writing by listening to, reading, acting out, (re)telling, and (re)writing short stories. There will be considerably more reading and writing. Students will learn about influential people and important products from the German-speaking countries. A major goal of this class is communication with fluency and accuracy. This course counts for DMACC FLG 141.	

German IV

Credit: 2.0 + 4.0 DMACC	Length of Class: Two Semesters
Prerequisites: Successful completion of German III	Type of Course: Elective
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
Description: Students will improve their listening comprehension skills by listening to stories and by watching video sequences about various cultural topics. They will further improve their reading, speaking, and writing skills by being exposed to and discussing a considerable number of readings and writings. A major goal of this class is communication with fluency and accuracy as students learn about and/or review and use more complicated grammar points and idioms. This course counts for DMACC FLG 142.	

German Experience Abroad

Credit: 1.0	Length of Course: One Semester (Spring or Summer)
Prerequisites: Enrolled in German	Type of Course: Elective
Offered to grades: 9-11 (Smr 2025)	Other: Not NCAA eligible/does not count towards RAI
Description: Urbandale's German Experience Abroad is organized under the auspices of the German-American Partnership Program (GAPP). The program consists of approximately four weeks during summer vacation at our partner school in Germany, preceded by weekly preparation during the prior semester. Course work includes preparation of a personal scrapbook to share with the German host family, preparation and presentation in Germany of a report about life in the United States, completion of an activity booklet while in Germany and development and completion of a project related to life in Germany. Participants are expected to continue with German the following fall and to host a student from our partner school.	

Japanese I

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
Description: Japanese I introduces students to the Japanese language and culture. Emphasis is placed on understanding the spoken word, conversational skills, reading, and writing basic conversational Japanese.	

Japanese II

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Successful completion of Japanese I	Type of Course: Elective
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
Description: Japanese II emphasizes continued vocabulary acquisition, development of language structures and writing systems through speaking, listening, reading, and writing. Students will continue to explore Japanese culture.	

Modern Japanese

Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful completion of Japanese II	Type of Course: Elective
Offered to grades: 9-12 (Fall '25)	Other: NCAA eligible/RAI approved
Description: Modern Japanese includes conversation, listening, composition, grammar, vocabulary, and reading abilities while examining a variety of current events and topics of interest in Japan today.	

Formal Japanese

Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful completion of Japanese II	Type of Course: Elective
Offered to grades: 9-12 (Fall '24, Spring '26)	Other: NCAA eligible/RAI approved
Description: Formal Japanese focuses on review and expansion of language skills in conversation, listening, composition, grammar, and reading abilities as used in formal settings and contexts such as speeches, business settings, presentations, and interviews.	

Traditional Japanese

Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful completion of Japanese II	Type of Course: Elective
Offered to grades: 9-12 (Spring '25)	Other: NCAA eligible/RAI approved
Description: Traditional Japanese includes conversation, listening, composition, grammar, and reading abilities while examining a variety of traditional Japanese practices, products, and perspectives.	

Advanced Japanese

Credit: 1.0	Length of Course: One Semester
Prerequisites: Successful completion of Modern, Formal and Traditional Japanese	Type of Course: Elective
Offered to grades: 9-12 (Spring '25, Spring '26)	Other: NCAA eligible/RAI approved
Description: Advanced Japanese focuses on conversational skills and composition as well as reading and writing. Literature, current events, and cultural studies are used as conversational topics. Students will earn DMACC credit. Advanced Japanese corresponds to FLJ 241 in the DMACC course guide.	

Spanish I

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: None	Type of Course: Elective
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
Description: Spanish I introduces students to the Spanish language and Hispanic culture. Major emphasis is placed on understanding the spoken word, conversational skills, reading and writing basic conversational Spanish.	

Spanish II

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Successful completion of Spanish I	Type of Course: Elective
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
Description: Spanish II emphasizes vocabulary acquisition and continued development of the structure of the language through speaking, listening, reading, and writing. Students will continue to explore Spanish-speaking cultures.	

Spanish III

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Successful completion of Spanish II	Type of Course: Elective
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
Description: Spanish III offers a balanced program of conversation, listening, composition, grammar, vocabulary, reading, and culture. Students review prior levels materials as needed and explore new areas of language and Spanish-speaking cultures.	

Spanish IV

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Successful completion of Spanish III	Type of Course: Elective
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
Description: Spanish IV concentrates on conversational skills and composition. Literature, current events, and cultural studies are used as conversational topics. Students review materials from previous levels as needed and explore new areas of the language and Spanish-speaking cultures.	

Spanish V

Credit: 2.0	Length of Course: Two Semesters
Prerequisites: Successful completion of Spanish IV/Advanced Spanish IV	Type of Course: Elective
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
Description: Spanish V is available for students who have begun their Spanish studies in other districts. Curriculum is designed to meet the needs of the individual student.	

Advanced Spanish III

Credit: 2.0 + 10 DMACC	Length of Course: Two Semesters
Prerequisites: Successful completion of Spanish II	Type of Course: Elective
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
Description: Advanced Spanish III 151 - Urbandale Community School District's Foreign Language Advanced Spanish III course offers a balanced program of conversation, listening, composition, grammar, vocabulary, reading, and culture. Students review prior levels materials as needed and explore new areas. Third year examines the art, music, history, and geography of Spain and Latin America, as well as the Spanish way of life and philosophy. The language learned is based on themes of everyday life. Student speech will be modeled by instructors who will monitor and correct pronunciation and accent. Students will be asked to engage in simple conversations on a controlled basis using the themes presented in the curriculum. Much class time is spent practicing speech. Students will also be expected to use software available with texts to hone listening and speaking skills. Advanced Spanish III corresponds to FLS 151 (1st semester) and FLS 152 (2nd semester) in the DMACC course guide.	

Advanced Spanish IV	
Credit: 2.0 + 8 DMACC	Length of Course: Two Semesters
Prerequisites: Successful completion of Adv. Spanish III	Type of Course: Elective
Offered to grades: 9-12	Other: NCAA eligible/RAI approved
<p>Description: Advanced Spanish IV Urbandale Community School District's Foreign Language Advanced Spanish IV course is designed for fourth year students who want more challenging work than that provided by the regular curriculum. The primary goal of this course is a comprehensive review of the Spanish grammar introduced in Elementary Spanish with the goal of achieving a real working knowledge of this grammar in writing and speech. Comprehensible input now includes short readings in Spanish literature, newspapers, film, web sites or other print or visual media. While serving to increase vocabulary and knowledge of grammar, these also serve as a source of cultural information. Adv Spanish IV corresponds to FLS 241 (1st semester) and FLS 242 (2nd semester) in the DMACC course guide.</p>	

Heritage Spanish I	
Credit: 2.0 + 4 DMACC	Length of Course: Two Semesters
Prerequisites: Successful Completion of Advanced Spanish IV	Type of Course: Elective
Offered to grades: 11-12	Other: NCAA eligible/RAI approved
<p>Description: This course is designed to meet the needs of Spanish-speaking Hispanic students who wish to improve their knowledge of Spanish language and Hispanic literature. Heritage Spanish I corresponds to FLS 181 in the DMACC course guide.</p>	

Heritage Spanish II	
Credit: 2.0 + 4 DMACC	Length of Course: Two Semesters
Prerequisites: Successful Completion of Heritage Spanish I	Type of Course: Elective
Offered to grades: 12	Other: NCAA eligible/RAI approved
<p>Description: This course is designed to meet the needs of Spanish-speaking Hispanic students who wish to improve their knowledge of Spanish language and Hispanic literature. Heritage Spanish II corresponds to FLS 281 in the DMACC course guide.</p>	