



**Union High School
Registration Handbook**

2019-2020

Education to Meet Tomorrow's Challenges

Union High School – Registration Handbook

TABLE OF CONTENTS

	<u>Page</u>	
Course Key.....	3	
RAI Explanation.....	3	
 <u>GENERAL INFORMATION</u>		
Graduation Requirements.....	4	
Course Registration.....	5	
Changing Schedules & Dropping Classes	5-6	
Early Graduation.....	6	
Credit Recovery.....	6	
 <u>EARLY COLLEGE OPTIONS</u>		
Advanced Placement (AP) Courses.....	6	
Concurrent Enrollment Courses.....	6-8	
Post-Secondary Enrollment Options (PSEO) Courses.....	8	
 <u>COURSE OFFERINGS OVERVIEW</u>		9-10
English Recommendations	11	
English Course Descriptions.....	12-14	
Mathematics Recommendations.....	15	
Mathematics Course Descriptions	16-17	
Science Recommendations	18	
Science Course Descriptions.....	19-20	
Social Studies Recommendations	21	
Social Studies Course Descriptions.....	22-24	
Elective Recommendations	25	
Foreign Language Course Descriptions.....	26-27	
Health Course Descriptions	27	
Physical Education Course Descriptions	28	
Performing Arts Course Descriptions.....	29	
Visual Arts Course Descriptions	30-31	
Agricultural Science (CTE) Course Descriptions.....	31-33	
Business (CTE) Course Descriptions.....	33-34	
Information Technology (CTE) Course Descriptions	34	
Education Course Descriptions.....	35	
Family and Consumer Science (CTE) Course Descriptions.....	35-36	
Industrial Technology (CTE) Course Descriptions	37-38	
Non-Curricular Course Descriptions	39	
College On Campus and/or Online Course Descriptions	40-42	
SCI Course Descriptions	43-44	

COURSE KEY



Regent Admission Index (RAI) approved course



Hawkeye Community College credit course



Advanced Placement course

Regent Admission Index (RAI) Explanation:

The Regent Admission Index (RAI) is a calculation used by the Regent universities for admission into their schools. It is calculated by using a student's cumulative grade point average, ACT Composite Score, and the years of core courses taken. Students that have a RAI Score of 245 or higher can gain automatic admission into the three Regent universities pending all other admission requirements are met. Students calculate their estimated RAI their junior year in Careers class. The image from the Key above indicates that the course is used in the calculation of the RAI Score. The RAI no longer uses student's class rank in their calculation.

GENERAL INFORMATION

GRADUATION REQUIREMENTS:

To earn a high school diploma from Union High School, students must earn 54 credits and have passed the required classes from the list below. Specific curricular area standards are listed and include both state and local course requirements. A regular academic course will be completed in 12 weeks with trimester scheduling and will equate to 1 credit. Non-academic courses (PE, Chorus, Band & Driver's Ed) will equate to 0.5 credit. *If a student has transferred into the district from a semester-based high school, a sliding scale based on entry date will be used to determine the number of required credits; students should meet with the counselor to review credits.*

ENGLISH REQUIREMENT:

- | | |
|---|---|
| a. English I A & B, LA 9 (9th grade) | 2 credits |
| b. English II A & B, LA 10 (10th grade) | 2 credits |
| c. English III A & B <u>or</u> Composition I & II | 2 credits |
| d. Elective | 1 credit (<i>Class of 2021 & 2022 only</i>) |

4 years/8 trimester credits

MATHEMATICS REQUIREMENT:

- | | |
|----------------|-----------|
| a. Six credits | 6 credits |
|----------------|-----------|

3 years/6 trimester credits

SCIENCE REQUIREMENT:

- | | |
|---|-----------|
| a. Physical Science A & B (9th grade) | 2 credits |
| b. Biology A & B (10th grade) | 2 credits |
| c. Physical Science C <u>or</u> Chemistry A | 1 credit |
| d. Elective | 1 credit |

3 years/6 trimester credits

SOCIAL STUDIES REQUIREMENT:

- | | |
|--|-----------|
| a. American History A & B (10th grade) | 2 credits |
| b. Government (12th grade) | 1 credit |
| c. Elective | 3 credits |

3 years/6 trimester credits

OTHER REQUIREMENTS:

- | | |
|--------------------------------------|----------|
| a. Computer Applications (9th grade) | 1 credit |
| b. Health I (10th grade) | 1 credit |
| c. Careers (11th grade) | 1 credit |
| d. Personal Finance (11th grade) | 1 credit |

4 trimester credits

PHYSICAL EDUCATION

1.0-1.5 credits required each year

The responsibility of meeting the graduation requirements lies with the student.

Union High School – Registration Handbook

COURSE REGISTRATION:

Students will be given the opportunity to review their transcript prior to course registration each spring with the school counselor. This includes checking their total credits, cumulative grade point average, class rank, and required courses taken. Students will also be given access to their four-year plan (original paper copy as well as online version used in My Academic Plan) and an opportunity for career exploration.

Students must maintain a minimum of four (4) academic classes in their schedule each trimester; less than that must have administration approval. Students must take a Physical Education course each trimester unless they are waiving it for one sport or if they are a senior and have a full schedule (6 classes). In either occasion, a PE waiver form must be signed by the student and a parent/guardian and returned to the school counselor by the start of the trimester. If a student should drop out of their sport, they will have to make-up their PE credit during the next trimester, which means taking a daily PE class instead of every-other day.

Seniors may take a senior release if the following requirements are met:

1. Seniors must be proficient on two (2) of the three (3) core subject areas on the Iowa Statewide Assessment of Student Progress (ISASP) tests from their prior year or make growth (see the principal or school counselor for this information).
2. Seniors must have a minimum 2.5 grade point average from the previous trimester (not cumulative).
3. Seniors must enroll in at least four (4) academic credit classes and must also take and successfully complete Physical Education (unless waived for a sport) each trimester.
4. Participating students must sign in/out in the main office if their arrival or departure time is other than the beginning or end of the traditional school day. Students should not arrive early or stay when they should be leaving to walk the halls. If these rules are not followed, the privilege will be revoked.
5. The privilege of senior release may be suspended or revoked in the case of:
 - a. Excessive absences, tardies, or disciplinary action.
 - b. Being on the “F” list for two (2) or more weeks in a row.
6. This privilege is pending detention hours:
 - a. Students with more than three (3) hours of detention at the start of a trimester will not be granted a senior release for the entire trimester.
 - b. Students who have less than three (3) hours of detention at the start of a trimester will have seven (7) days to complete their time. If it is not completed in seven (7) days, their privilege is revoked.
 - c. Students who begin the trimester with a release and then receive upwards of three (3) hours of detention during that trimester will have their release revoked.
7. It is the student’s responsibility to keep track of modified schedules so they are not tardy to class.

Seniors wanting a senior release must fill out the Senior Release Form each trimester and have signatures from the Assistant Principal regarding detention hours, a parent, and the school counselor.

CHANGING SCHEDULES & DROPPING CLASSES:

Students have three (3) days to change their schedule without penalty unless there is administrative approval. After the first three (3) days of the trimester, students may drop a class within the first two weeks of the course pending they maintain four credits in their schedule. Students will receive a “W” on their high school transcript and study hall will be added to their schedule. Students that drop after two weeks will receive an “F” grade and study hall will be added to their schedule.

Union High School – Registration Handbook

Students enrolled in concurrent or PSEO college classes must follow the same drop policy as high school courses. Please note, however, that dropping a college class using this policy would only result an “F” grade on your high school transcript and not necessarily your college transcript, pending the date of withdrawal.

EARLY GRADUATION:

Mid-year graduation is designed to allow students who have completed all academic requirements the opportunity to finish their senior year at the end of first or second trimester. Each student should consider the advantages and disadvantages of this choice in discussion with their parents and the school counselor. If the student wishes to graduate early, they must meet with the school counselor and complete the official early graduation request form. This form requires signatures from the student as well as a parent/guardian. The official early graduation request form is due to the school counselor about six weeks prior to the end of the trimester.

There may be instances where a student may graduate prior to grade twelve. Per Board Policy 505.6, a student may graduate prior to their senior year (end of junior year) if they meet the minimum graduation requirements. Each student should consider the advantages and disadvantages of this choice in discussion with their parents and the school counselor. If the student wishes to graduate early, they must meet with the school counselor and complete the official early graduation request form. This form requires signatures from the student as well as a parent/guardian. The official early graduation request form is due to the school counselor by the end of trimester 1 of their junior year.

CREDIT RECOVERY:

Union High School does not offer summer school for students that fail required courses. The online program Odysseyware is utilized for credit recovery if a student wishes not to return to the classroom of a failed course. Please note these classes are challenging and not an easy credit. They are graded Pass/Fail and will not count towards a student’s grade point average. The courses are supervised by the UP Coordinator or the school counselor. Students interested in learning more or enrolling should consult with the school counselor.

EARLY COLLEGE OPTIONS

ADVANCED PLACEMENT COURSES:

Union High School offers the Advanced Placement (AP) courses Literature and Composition and Psychology. Students who complete these courses can elect to take an AP exam in May. Many colleges and universities accept AP courses for college credit depending upon individual AP exam scores. Union High School grades the AP course on a 5.0 grading scale (weighted) unlike traditional high school courses on a 4.0 grade scale (unweighted). Union High School also has other AP electives, such as Calculus AB, which can be taken online through Iowa Online AP Academy (IOAPA). If you are interested in pursuing an AP class online, you must have this discussion with the school counselor during course registration.

CONCURRENT ENROLLMENT COURSES:

Concurrent credit classes are community college classes contracted with the high school. Students receive both high school and college credit for passing the class. Students should expect to be doing college level work in these classes. Teachers have set requirements which come from the college that students must meet to pass the class. College credit accumulates on a Hawkeye Community College transcript and is usually accepted as transfer credit at other colleges and universities, depending on a student’s major. These classes must be passed to receive credit and failing one will show up as an “F” grade on both your high school and

Union High School – Registration Handbook

college transcript. Most colleges require classes to be passed with a “C-” grade or higher in order for it to satisfy the liberal arts or major course requirements. These courses may excuse you from taking an identical course at the college level, at the college’s discretion.

Students taking a concurrent enrollment course must meet and follow all course guidelines of the respective college and understand that course performance becomes part of the individual’s permanent college record. Students with an IEP or 504 plan may want to apply for accommodations through Student Services at Hawkeye Community College; students can see the school counselor for help.

Students must meet the following proficiencies on the most recent Iowa Assessments (2018) to be eligible to take concurrent courses, except for courses that fall under Career Technical Education (CTE), listed below:

Grade (Midyear Testing)	Math NSS	Science NSS	Reading NSS
9	249	250	247
10	257	258	257
11	261	265	262

Some courses also require additional score requirements on either the Accuplacer or ACT. Please see course descriptions for those requirements.

CONCURRENT COURSES OFFERED AT UHS

- Ag Ed (CTE) – Principles of Agronomy (AGA114) = 3 semester hours
- Ag Ed (CTE) – Survey of the Animal Industry (AGS113) = 3 semester hours
- Ag Ed (CTE) – Livestock Evaluation & Selection (AGS305) = 3 semester hours
- Business – Introduction to Business (BUS102) = 3 semester hours
- Computer – Introduction to Computers (CSC110) = 3 semester hours
- Education – Exploring PK-12 Education (EDU214) = 2 semester hours
- Education – Academic Service Learning Experience (EDU901) = 1 semester hour
- Health – Intro to Health Professions (HSC108) = 2 semester hours
- Industrial Technology (CTE) – Gas Metal Arc Welding: Short Circuit-SENSE 1 = 2 semester hours
- Industrial Technology (CTE) – Introduction to Welding Safety (WEL228) = 1 semester hour
- Math – Applied Math (MAT772) = 3 semester hours
- Math – Statistics (MAT156) = 3 semester hours
- Science – Environmental Science (ENV115) = 3 semester hours
- Science – Exploring Physical Science (PHS120) = 4 semester hours

CONCURRENT COURSES OFFERED ONLINE OR ON CAMPUS

- Auto (CTE) – Automotive Academy = 16 semester hours
- Communications – Fundamentals of Oral Communications (SPC101) = 3 semester hours
- Health – Nutrition (BIO151) = 3 semester hours
- Health – Medical Terminology (HSC113) = 2 semester hours
- Health (CTE) – Nursing Assistant (PNN100) = 3 semester hours
- History – Western Civilizations I: Ancient & Medieval (HIS117) = 3 semester hours
- History – Western Civilizations II: Early Modern (HIS118) = 3 semester hours

Union High School – Registration Handbook

- History – Western Civilizations III: Modern Period (HIS119) = 3 semester hours
- Sociology – Diversity in America (SOC205) = 3 semester hours

There is a \$30 textbook fee for each concurrent credit course taken.

POST-SECONDARY ENROLLMENT OPTIONS (PSEO) COURSES:

PSEO credit classes provide additional options for high school students to earn college credit. These courses promote rigorous academic pursuits and may be taken on the University of Northern Iowa's campus or online through UNI or Upper Iowa University, per administrative approval.

Students receive both high school and college credit for passing the class. College credit accumulates on a University of Northern Iowa or Upper Iowa University transcript and is usually accepted for transfer credit at other colleges and universities, depending on a student's major. These classes must be passed to receive credit and failing one will show up as an "F" on both your high school and college transcript. Most colleges require classes to be passed with a "C" or higher in order for it to satisfy the liberal arts or major course requirements. These courses may excuse you from taking an identical course at the college level, at the college's discretion.

Students taking a PSEO course must meet and follow all course guidelines of the respective university and understand that course performance becomes part of the individual's permanent college record. Students with an IEP or 504 plan may want to apply for accommodations through Student Services at either university; students can see the school counselor for help.

Students must meet the following proficiencies on the most recent Iowa Assessments (2018) to be eligible to take PSEO courses:

Grade (Midyear Testing)	Math NSS	Science NSS	Reading NSS
9	249	250	247
10	257	258	257
11	261	265	262

Some courses also require additional score requirements on either the Accuplacer or ACT. Please see Mrs. Kriz for those requirements.

Students wanting to take courses PSEO must meet with Mrs. Kriz to complete the university's Notice of Student Registration Form and review the following policies:

1. If the course is dropped after the high school's drop policy (2 weeks) or if the student fails the course, they must reimburse the school district up to \$250.
2. Students may drop the course following the university's drop policy with a "W" on their college transcript.
3. Textbooks are provided by the university and must be returned in good condition.
4. Transportation to the university is the responsibility of the parent and/or student.
5. The requested course cannot be one that is comparable to courses offered by the school district.

Union High School – Registration Handbook

COURSE OFFERINGS OVERVIEW

Course Name	Grade	Credits/ Trimesters
ENGLISH		
English I (A, B & LA 9)	9	3
English II (A, B & LA 10)	10	3
English III (A & B)	11	2
Composition (I & II)	11-12	2
AP Literature & Comp	12	3
Argument & Debate	10-12	1
Creative Writing I	9-10	1
Creative Writing II	11-12	1
Great Books	11-12	1
Journalism I	11-12	1
Journalism II	11-12	1
Literature & Media	10-12	1
Literature Skills (A & B)	9	2
Shakespearean Lit	11-12	1
Workplace English	11-12	1
MATHEMATICS		
Consumer Math	11-12	1
Pre-Integrated (A, B, C)	9-12	3
Integrated I (A & B)	9-12	2
Integrated II (C & D)	9-12	2
Integrated III (A & B)	10-12	2
Basic Algebra	11-12	1
Developmental Algebra	11-12	1
Trigonometry	11-12	1
College Prep (A & B)	11-12	2
Calculus (A & B)	11-12	2
<i>Applied Math</i>	11-12	1
<i>Statistics</i>	11-12	1
SCIENCE		
General Science (A, B, C)	9	3
Physical Science (A & B)	9	2
Applied Biology (A & B)	10	2
Biology (A & B)	10	2
Chemistry (A & B)	11	2
Physical Science C	11	1
Advanced Chemistry (I & II)	11-12	2
Anatomy & Physiology (I & II)	11-12	2
Physics A & B	11-12	2
Astronomy	11-12	1
<i>Environmental Science</i>	11-12	1
<i>Exploring Physical Science</i>	11-12	2
HEALTH		
Health I	10	1
Health II	11-12	1
<i>Intro to Health Professions</i>	10-12	1

Bold = required class

Course Name	Grade	Credits/ Trimesters
SOCIAL STUDIES		
American History (A & B)	10	2
American Government I	12	1
Anthropology	10-12	1
Area Studies: Africa	9-12	1
Area Studies: The Americas	9-12	1
Area Studies: East	9-12	1
Area Studies: West	9-12	1
Contemporary Issues	9-12	1
Crime and Punishment	10-12	1
Economics	12	1
Geography 101	9-12	1
Intro to Psychology	11-12	1
AP Psychology (A & B)	11-12	2
Sociology	11-12	1
U.S. at War	10-12	1
FOREIGN LANGUAGE		
German I (A & B)	9-12	2
German II (A & B)	10-12	2
German III (A & B)	11-12	2
German IV (A & B)	12	2
Advanced German	12	1
Spanish I (A & B)	9-12	2
Spanish II (A & B)	10-12	2
Spanish III (A & B)	11-12	2
Spanish IV (A & B)	12	2
Spanish Conversation	11-12	1
PHYSICAL EDUCATION		
Early Bird PE	9-12	½ per Tri
PE	9-12	½ per Tri
Personal Fitness	9-12	½ per Tri
Strength & Conditioning	9-12	½ per Tri
PERFORMING ARTS		
Band	9-12	½ per Tri
Chorus	9-12	½ per Tri
VISUAL ARTS		
Art Foundations	9-12	1
Ceramics I	9-12	1
Ceramics II	10-12	1
Creative Design	9-12	1
Drawing	9-12	1
Mixed Media	9-12	1
Painting	9-12	1
Pinterest Art	11-12	1
Sculpture	9-12	1

Italicized = college class within the building

Union High School – Registration Handbook

Course Name	Grade	Credits/ Trimesters
AGRICULTURAL SCIENCE (CTE)		
Intro to Agriculture	9-10	1
Ag Business Management	11-12	1
Agronomy	9-12	1
Companion Animal Science	9-12	1
Consumer Agriculture	9-12	1
Current Issues In Agriculture	11-12	1
Horticulture	9-12	1
Production Animal Science	9-12	1
Natural Resources	9-12	1
<i>Livestock Evaluation & Select.</i>	11-12	1
<i>Principles of Agronomy</i>	11-12	1
<i>Survey of the Anim. Industry</i>	11-12	1
BUSINESS (CTE)		
Careers	11	1
Personal Finance	11	1
Accounting I (A & B)	11-12	2
Accounting II	11-12	1
Intro to Business Leadership	9-10	1
Business Law	11-12	1
Business Publication	11-12	1
<i>Introduction to Business</i>	11-12	1
INFORMATION TECHNOLOGY (CTE)		
Computer Applications	9	1
Intro to Computer Science	9-12	1
<i>Introduction to Computers</i>	11-12	1
EDUCATION		
<i>Acad. Service Learning Exp.</i>	11-12	½
<i>Exploring PK-12 Education</i>	11-12	½
FAMILY & CONSUMER SCIENCE (CTE)		
Child Development I	9-12	1
Child Development II	9-12	1
Housing & Interior Design	10-12	1
Human Relations & Parenting	9-12	1
Nutrition & Wellness I	9-12	1
Nutrition & Wellness II	11-12	1
Restaurant Entrepreneurship	11-12	1
INDUSTRIAL TECHNOLOGY (CTE)		
Introduction to Ind. Technology	9-12	1
Auto Ownership	10-12	1
Light Construction (I & II)	11-12	2
Metal Processing/Production	9-12	1
Technical Drafting & Design	9-12	1
Wood Processing/Production I	9-12	1
Wood Processing/Production II	10-12	1

Course Name	Grade	Credits/ Trimesters
INDUSTRIAL TECHNOLOGY (CTE), cont.		
<i>Intro to Welding Safety</i>	11-12	½
<i>Gas Metal Arc Welding: SENSE 1</i>	11-12	½
NON-CURRICULAR ELECTIVES		
Academic Decathlon (A & B)	9-12	2
Driver's Education	9-12	½
Internship	11-12	2-3
Work Study	11-12	½
SCI		
Fusion Reading	9	2
Fusion Reading II	9-10	1-2
Independent Reading I	9-12	1
Independent Reading II	9-12	1
Comp & Lit (A & B)	11-12	2
Basic Math	9	3
Practical Math	9-10	3
Auto Suspension & Steering	11-12	2
U.S. History	10	2
American Government	12	1
Tools for Transitions I	9	1
Tools for Transitions II	10	1
Tools for Transitions III	11	1
Tools for Transitions IV	12	1
E.B.C.E.	11-12	2
Directed Study	9-12	1/3 per Tri
HCC ONLINE OR ON CAMPUS COLLEGE CLASSES		
Automotive Academy	at Hawkeye CC	
<i>Intro to Auto Tech I</i>	11-12	1
<i>Intro to Auto Tech II</i>	11-12	1
<i>Auto Brake Systems</i>	11-12	2
<i>Auto Electrical I</i>	11-12	2
<i>Auto Engine Repair</i>	11-12	2
<i>Auto Suspension & Steering</i>	11-12	2
Diversity in America	9-12	1
Fund. of Oral Communications	9-12	1
Medical Terminology	9-12	1
Nursing Assistant	10-12	1
Nutrition	9-12	1
Western Civilizations I	9-12	1
Western Civilizations II	9-12	1
Western Civilizations III	9-12	1

Bold = required courses

Italicized = college class within the building

ENGLISH RECOMMENDATIONS & COURSE DESCRIPTIONS

The following courses are highly recommended to be taken prior to graduation along with the required courses in order to be most prepared and successful at the post-secondary level listed.

Required courses:

English I A, I B, LA 9

English II A, I B, LA 10

English III A & B or Composition I & II

Required credits: 8 (4 years)

1 elective courses needed

(Class of 2021 & 2022 only)

Workforce or Military	Community College (only)	Community College Transfer or 4-Year
<i>English III A & B</i> Argument & Debate LA 9 & 10 Lit Skills Workplace English	<i>English III A & B</i> Argument & Debate Creative Writing Journalism Workplace English	<i>Composition I & II</i> Argument & Debate AP Literature & Comp. Great Books Journalism I & II

ENGLISH COURSE DESCRIPTIONS

English I (A, B, LA 9)



Grade Level: 9
 Credits: 2
 Trimesters: 2
Considerations: Freshman Requirement

Course Description: Language Arts skills including reading, writing, speaking, listening, and visual representation will be studied. Skill levels will increase in depth as students become proficient.

Composition I & II



Grade Level: 11-12
 Credits: 2
 Trimesters: 2
 Prerequisite: English III or Teacher Recommendation

Course Description: This course is designed for, but not limited to, the student who plans to continue formal schooling beyond high school. It is designed to prepare students for college by improving their writing skills through a variety of activities using the writing process.

Eng. II (A, B, LA 10)



Grade Level: 10
 Credits: 2
 Trimesters: 2
 Prerequisite: English I
Considerations: Sophomore Requirement

Course Description: Various novels, plays, short stories, and works of non-fiction will be studied. Research skills will be developed and assessed through writing and speaking. Students will be expected to give oral presentations with peer groups and independently. Independent reading will be a regular component of the content.

AP Literature & Comp.



Grade Level: 12
 Credits: 3
 Trimesters: 3
 Prerequisite: Comp I & II and Teacher Recommendation

Course Description: This course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, student deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Writing assignments focus on the critical analysis of literature and include expository, analytical, and argumentative essays. Although critical analysis makes up the bulk of student writing for the course, well-constructed creative writing assignments may help students see from the inside out how literature is written. Both types of writing assignments increase students' ability to explain clearly, cogently, even elegantly, what they understand about literary works and why they interpret them as they do. ("The Course: Introduction." [College Board AP English Literature and Composition Course Description](#). College Entrance Examination Board: May 2006. 42-43.)

**Optional national AP Exam in May
 **Possible college credit available pending AP Exam
 ***AP is a weighted course (used 5.0 grading scale instead of 4.0 scale)*

English III A & B



Grade Level: 11
 Credits: 2
 Trimesters: 2
 Prerequisite: English II
Considerations: Junior Requirement

Course Description: Primary literature forms studied include novels, short stories, and poetry. Students will write, speak, and create visual presentations for a variety of audiences and purposes. Writing forms include comparison and contrast, personal essay, editorial, reflection, and research. Vocabulary lessons taken from current events enrich writing and speaking experiences.

Union High School – Registration Handbook

Argument & Debate



Grade Level: 10-12
Credits: 1
Trimesters: 1
Prerequisite: English I

Course Description: This course will focus on developing the student's skills in research, persuasive writing, speaking, and organization. Students will be expected to research a variety of current newsworthy topics and present arguments for both sides. Students are evaluated on participation, writing, and speaking.

Creative Writing I



Grade Level: 9-10
Credits: 1
Trimesters: 1
Prerequisite: None

Course Description: This course is designed to enable students to explore their creativity through a variety of writing experiences.

Creative Writing II



Grade Level: 11-12
Credits: 1
Trimesters: 1
Prerequisite: Creative Writing I

Course Description: This course is a continuation of Creative Writing I but at a more advanced level. Students will continue to explore their creativity through a variety of writing experiences.

Great Books



Grade Level: 11-12
Credits: 1
Trimesters: 1
Prerequisite: English II

Course Description:

This course is designed for the literary background development and enrichment of the student. Novel selections will be taken from a list of recommended college-bound reading. Some novels will be read as an individual and some as a class.

Journalism I



Grade Level: 11-12
Credits: 1
Trimesters: 1
Considerations: English II "C" or higher

Course Description: In this course, students will focus on learning about the constant flow of information that is available in today's global society. You will learn to objectively investigate a news story to determine its credibility. Students will learn basic news-gathering skills (observation, interviewing, and source research) as well as news-writing skills for breaking news, feature articles, opinion pieces, and many others.

Journalism II



Grade Level: 11-12
Credits: 1
Trimesters: 1
Prerequisite: Journalism I

Course Description: This course is a continuation of Journalism I. Students will become more advanced in their writing and investigative skills.

Literature & Media

Grade Level: 10-12
Credits: 1
Trimesters: 1
Considerations: None

Course Description: Students taking this course will practice the skill of connecting literature to media with the reading of a novel, a novella, and short stories. Writing critical essays to compare and contrast medium is an important part of the class. Students will become critical readers of literature and then viewers of media from a variety of genres through analysis, research, discussion, and writing. Students will read critical essays about the books and films presented. They will also complete a research project on a self-selected topic related to comparison of a piece of literature and film. Evaluation will be on points earned by writing essays and research papers, tests over material presented, discussion participation, and presentation of the research project.

Union High School – Registration Handbook

Lit Skills A & B



Grade Level:	9
Credits:	2
Trimesters:	2
Considerations:	Teacher Recommendation

Course Description: Lit Skills is designed to provide additional support for non-proficient readers by utilizing proven reading strategies with the focus on boosting comprehension, vocabulary, and fluency. The course focuses on extensive independent reading, motivational techniques, and instructional activities with cooperative learning. Students study a variety of fiction and non-fiction texts. Lit Skills is intended to be taken in conjunction with English I and supports reading in all content areas. Enrollment is determined by previous English grades, standardized test scores, and teacher recommendation. Class size is limited.

Workplace English

Grade Level:	11-12
Credits:	1
Trimesters:	1
Prerequisite:	English II

Course Description: This course is designed to prepare students planning to enter the workforce or military directly out of high school. Coursework will focus on the kinds of reading, writing, and speaking specific to the world of work.

Shakespearean Lit



Grade Level:	11-12
Credits:	1
Trimesters:	1
Considerations:	None

Course Description: This course is focused on the life and works of William Shakespeare. Students will read a variety of Shakespeare's work focusing on the drama, intensity, humor, sarcasm, etc. in them. This course will be an immersion in Shakespeare using a reader's theater approach to the texts. You will read and analyze a collection of Shakespeare's dramatic works, including both tragedy and comedy focusing on his use of literary elements and craft of language. Students will also likely be reading a collection of Shakespearean sonnets for poetic analysis. If available, we will take the opportunity to see one live performance of a Shakespearean play as well. This course will not be a sit-back-and-listen-to-others kind of course. It is a course driven by discussion full of opportunities to share ideas, ask questions, etc.

MATHEMATICS RECOMMENDATIONS & COURSE DESCRIPTIONS

The following courses are highly recommended to be taken prior to graduation along with the required courses in order to be most prepared and successful at the post-secondary level listed.

Required credits: 6 (3 years)

Workforce or Military	Community College (only)	Community College Transfer or 4-Year
Consumer Math Pre-Integrated (A, B, C) Integrated I (A & B) Basic Algebra	Integrated I (A & B) Integrated II (C & D) Integrated III (A & B) Developmental Algebra Applied Math	Integrated II (C & D) Integrated III (A & B) College Prep (A & B) Pre-College Algebra Trigonometry Calculus (A & B) Statistics

Students are required to pass each trimester before continuing on to the next trimester.

MATHEMATICS COURSE DESCRIPTIONS

Consumer Math

Grade Level: 11-12
 Credits: 1
 Trimesters: 1
 Prerequisite: None

Course Description: Consumer math reinforces general math topics (such as arithmetic using rational numbers, measurement, ration and proportion, and basic statistics) and applying these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.

Pre-Integrated Math

Grade Level: 9-12
 Credits: 3
 Trimesters: 3

Considerations: Below-average math ability & interest.

Course Description: This course is designed to prepare the student to function mathematically in daily life. It develops in the student an understanding of the four basic operations and their use with whole numbers, fractions, decimals, and directed numbers. Students also work with percentages, metric measurements, area, volume, perimeter, and the basic introduction to the fundamental concepts of algebra. Practical applications are emphasized in each unit. **A calculator is required.**

Integrated I (A & B)



Grade Level: 9-12
 Credits: 2
 Trimesters: 2

Considerations: Average math ability & interest

Course Description: Students will study the topics of algebra, geometry, probability, statistics, discrete math, and trigonometry. Students will study these topics each year in integrated math. A variety of problem solving techniques will be explored including the use of technology. **Students planning to complete the series of Integrated Math I-III should purchase a TI-83 graphing calculator.**

Integrated II (C & D)



Grade Level: 9-12
 Credits: 2
 Trimesters: 2
 Prerequisite: Int. Math I or Teacher Recommendation

Course Description: Students will continue to study algebra, geometry, probability, statistics, discrete math, and trigonometry. A variety of problem solving techniques will be explored including the use of technology. **Students will take the Accuplacer math placement at end of Integrated Math II D for advising.**

Integrated III (A & B)



Grade Level: 10-12
 Credits: 2
 Trimesters: 2
 Prerequisite: Int. Math II

Course Description: Students will continue to study algebra, geometry, probability, statistics, discrete math, and trigonometry. A variety of problem solving techniques will be explored including the use of technology.

Basic Algebra



Grade Level: 11-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Int. Math I

Course Description: Students will review concepts of basic algebra and strengthen their understanding of algebraic procedures. These topics will include work with expressions and order of operations, using properties of real numbers, solving and graphing linear equations, solving and graphing linear inequalities, solving systems of equations and inequalities, and operations with rational functions. The course will also review skills with fractions, using basic geometric formulae, and using estimation and reasoning to determine reasonable solutions to problems.

Union High School – Registration Handbook

Developmental Algebra

unknown

Grade Level: 11-12
Credits: 1
Trimesters: 1
Prerequisites: Int. Math II D

Course Description: This course is designed to help students choosing a 2-year college path. Content required includes, but is not limited to, solving equations, solving systems of linear equations, adding/subtracting/multiplying/dividing fractions (rational functions) and complex fractions, polynomial equations, graphing and solving quadratics equations, and radical functions and equations.

Trigonometry



Grade Level: 11-12
Credits: 1
Trimesters: 1
Prerequisites: Int. Math III

Course Description: This course is intended for students planning to study mathematics at the college level. Units on triangle trig, trig functions, identities and equations, applications, analytical geometry, and logarithmic functions will be covered. This course is useful for students considering careers in math, engineering, physics, science, business, and more.

College Prep (A & B)



Grade Level: 11-12
Credits: 1
Trimesters: 1
Prerequisites: Int. Math III

Course Description: This is a pre-calculus course intended for the student planning to study mathematics at the college level. However, the topics covered have direct application for the student not planning further study in mathematics. Units on linear functions, systems of equations and inequalities, critical points of graphs, polynomial and rational functions, exponential and logarithmic functions sequences and series, and limits, derivatives and integrals will be studied. Implementation of graphing calculators into the problem solving process will be stressed. This course is especially useful for students considering careers in math, engineering, physics, science, business, medicine, or related areas.

Calculus (A & B)



Grade Level: 11-12
Credits: 2
Trimesters: 2
Prerequisites: College Prep Math

Course Description: Calculus is a course for students who plan to study mathematics at the higher level. Units on limits and rate of change, derivatives, the mean value theorem and curve sketching, integration, applications of integration, and inverse functions are studied. Topics will be presented numerically, graphically, and symbolically. Technology will be used to enhance the learning.

Applied Math



Grade Level: 11-12
Credits: 1
Trimesters: 1
Prerequisites: Score requirements below

Course Description: This course is designed to present basic facts of arithmetic including whole numbers, fractions, decimals, powers, roots, English and metric measurement, ratio-proportion, percents, introduction to algebra, and introduction to geometry.

Students receive 3 college credits for this course.

Requirement scores:
Iowa Assessment proficiency is not required.
Accuplacer NG QRAS 241 or ACT Math 14

Statistics



Grade Level: 11-12
Credits: 1
Trimesters: 1
Prerequisites: Score requirements below

Course Description: This course is a study of descriptive statistics including graphical representation, central tendency, correlation and regression, intuitive treatment of probability and inferential statistics including hypothesis testing.

Students receive 3 college credits for this course.

Requirement scores:
Iowa Assessment proficiency (see page 7)
Accuplacer NG QRAS 259 or ACT Math 19

SCIENCE RECOMMENDATIONS & COURSE DESCRIPTIONS

The following courses are highly recommended to be taken prior to graduation along with the required courses in order to be most prepared and successful at the post-secondary level listed.

Required courses:

Physical Science A & B

Biology A & B

Chemistry A or Physical Science C

Required credits: 6 (3 years)

1 elective courses needed

Workforce or Military	Community College (only)	Community College Transfer or 4-Year
Physical Science C Ag Science Astronomy	Phys. Sci. C or Chem A* Ag Science Astronomy Anatomy/Physiology I & II* Physics A & B* *field of study dependent	Chemistry A & B Environmental Science Exploring Physical Sci. Physics A & B* Adv. Chemistry I & II** Anat/Physiology I & II** *STEM-related field **Medicine-related field

SCIENCE COURSE DESCRIPTIONS

General Science

Grade Level: 9
 Credits: 3
 Trimesters: 3
Considerations: Teacher Recommendation

Course Description: This is an introductory course in Earth Science, Earth history, space science, basic physics, and weather. Emphasis will be placed on improving academic skills and relating the classroom to the world around us.

Physical Sci. (A & B)



Grade Level: 9
 Credits: 2
 Trimesters: 2
Considerations: Freshman Requirement

Course Description: The goals of this course is to provide students with the opportunity to gain knowledge of the physical world around them and to develop and enhance skills in problem solving, measuring, and critical thinking. The knowledge and skills gained can be used by the student in more advanced studies of science. The class consists of lectures, labs, and applied project work. Topics covered, but not limited to, are earth science, Earth history, space science, basic physics, and weather.

Applied Bio. (A & B)

Grade Level: 10
 Credits: 2
 Trimesters: 2
Considerations: Teacher Recommendation

Course Description: This is a general course studying the living world, life processes, and interactions between organism and their environments. This course will cover evolution, ecology, cells, structure and function. It will include lecture, lab, and project work.

Biology A & B



Grade Level: 10
 Credits: 2
 Trimesters: 2
Considerations: Sophomore Requirement

(Biology description, cont.)

Course Description: Biology is a general course using an ecological and evolutionary approach to focus on the life processes and interactions between organisms and their environments. This course will cover evolution, ecology, cells, genetics, animal form and function, and botany. Lab work is an important part of this course. You must pass part A prior to moving to part B.

Chemistry (A & B)



Grade Level: 11
 Credits: 2
 Trimesters: 2
Considerations: Junior Requirement*

Course Description: Chemistry is the study of the physical properties and structure of matter. Units covered include atomic structure, periodic table, mole concept, gas laws, chemical reactions, solutions, and acids and bases. The majority of this course is activity and lab-based. Students are required to complete and pass a lab safety unit and test at a specific level, use safety goggles and follow all lab safety rules as indicated by a safety contract. This course is for all students interested in science but will also be helpful for those preparing for college. Students should take parts A and B if college-bound. Scientific calculator is required.

**Junior requirement is part A or Physical Science C*

Physical Science C



Grade Level: 11
 Credits: 1
 Trimesters: 1
Considerations: Junior Requirement*

Course Description: Students in this course will examine the fundamental properties of elements, compounds, and mixtures. Chemical reactions and chemical processes are observed and explained at the atomic and molecular level. Topics may include, but are not limited to: atomic structure, electron configuration, the periodic table, bonding, solutions, reactions, and acids and bases.

**Junior requirement is Physical Science part C or Chemistry part A*

Union High School – Registration Handbook

Anatomy/Physiology



Grade Level: 11-12
Credits: 2
Trimesters: 2
Prerequisite: Biology & Chemistry

Course Description: **Part I** is an advanced trimester course focusing on the structures and functions of the human body. Topics covered, but not limited to, will include the cardiovascular system, digestive system, the integumentary system, and the immune system. **Part II** topics cover cells, the skeletal system, the muscular system, and nervous system. Part II also covers the pathology of diseases linked to those specific systems as well as careers in the medical field. Dissection and lab work are very important aspects to this course.

Physics (A & B)



Grade Level: 11-12
Credits: 2
Trimesters: 2
Prerequisite: Physical Science A & B

Course Description: Physics is a science based on the study of patterns and interactions in the physical world. Units covered include motion, forces, momentum, and energy. The majority of this course is activity and lab-based but will also include discussions, problem-solving assignments and projects. This course is for all students interested in science but will also be helpful and is highly recommended for those preparing for college. The use of a scientific calculator is required.

Astronomy



Grade Level: 11-12
Credits: 1
Trimesters: 1
Prerequisite: Chemistry A/Phys. Sci. C

Course Description: Astronomy is the study of objects and phenomena outside the earth's atmosphere. This course will focus on what is out there, how we learn about and study things we can't get to, the challenges of space travel, and what we as humans are currently capable of doing in space.

Environmental Science



Grade Level: 11-12
Credits: 1
Trimesters: 1
Prerequisite: Score requirements below

Course Description: This natural science course addresses the manner in which we approach our environment today and how it will affect the world we live in tomorrow. This course examines the challenges of developing sustainable energy sources, maintaining the quality of our air, water, and soil, and preserving the remaining biodiversity and habitat. As these challenges are examined, possible solutions will be evaluated.

Students receive 3 college credits for this course.

Requirement scores:
Iowa Assessment proficiency (see page 7)

Exploring Physical Science



Grade Level: 11-12
Credits: 2
Trimesters: 2
Prerequisite: Score requirements below

Course Description: This course introduces the student to the concepts and processes of physics, chemistry, astronomy, and earth science. Students are presented with a general overview of theories that have an impact on their everyday lives. A student will have to take both trimesters to earn college credit.

Students receive 4 college credits for this course (satisfies lab requirement).

Requirement scores:
Iowa Assessment Proficiency (see page 7)
Accuplacer NG QRAS 259 or ACT Math 19

Adv. Chemistry (I & II)



Grade Level: 12
Credits: 1-2
Trimesters: 1-2
Prerequisite: Chemistry A & B

Course Description: These courses are taken after a full year of Chemistry. This course covers chemical properties and interactions in more detail. Topics include organic chemistry, thermodynamics, electrochemistry, macromolecules, kinetic theory, and nuclear chemistry.

SOCIAL STUDIES RECOMMENDATIONS & COURSE DESCRIPTIONS

The following courses are highly recommended to be taken prior to graduation along with the required courses in order to be most prepared and successful at the post-secondary level listed.

Required courses:
American History A & B
Government

Required credits: 6 (3 years)
3 elective courses needed

Workforce or Military	Community College (only)	Community College Transfer or 4-Year
Area Studies: any Contemporary Issues Geography 101 U.S. at War	Area Studies: any Contemporary Issues Intro to Psychology AP Psychology A & B Sociology	Area Studies: any Contemporary Issues Crime and Punishment* AP Psychology A & B Sociology *Law-related field

Union High School – Registration Handbook

Amer. History (A & B)



Grade Level:	10
Credits:	2
Trimesters:	2
Considerations:	Sophomore Requirement

Course Description: This course covers American history from the end of the Reconstruction Era through present day. It is divided into two courses – American History starting with a brief overview of our history up to the turn of the 20th Century through the end of World War II and then American History from the start of the Cold War to the present. Besides using the textbook and Reading Study Guide, supplementary materials include videos, outside DVDs, readings and newspaper. Much class discussion is used to illuminate each student's perceptions of history. Current events are used to increase student awareness of the importance of today's happenings. They are correlated to topics being studied whenever possible. Class activities include research, oral and written reports, and bibliographical readings.

Amer. Government I



Grade Level:	12
Credits:	1
Trimesters:	1
Considerations:	Senior requirement

Course Description: This course will cover the following areas through lecture, discussion, reading, worksheets, quizzes and tests: voting and participation, current fiscal information, political systems, constitutional background, federalism (relations between state and national government), and the Constitution (where we will discuss each of the branches of government).

Anthropology



Grade Level:	10-12
Credits:	1
Trimesters:	1
Prerequisite:	American History A

Course Description: While there are many disciplines on anthropology, this trimester class will focus on archaeology and social/cultural anthropology. The archaeology part of the course will include learning about fossils and artifacts, conducting an archaeological dig, recording and analyzing all information, dating anything found, and developing conclusions. The social/cultural anthropology part will cover learning about the cultural and social similarities and differences among humans, collecting data, using different research methods to discover information on economic and political process and how they affect different peoples. Students will be responsible for daily reading, discussion, writing, and assessments in the class.

Area Studies: Africa



Grade Level:	9-12
Credits:	1
Trimesters:	1
Prerequisite:	None

Course Description: This course is designed to introduce students to the basic political, geographical, cultural, and historical information about Africa. Coursework will include teacher-generated and student-generated information. Current events will be interjected into the class.

Offered every-other year. Available in 2020-21..

Area Studies: The Americas



Grade Level:	9-12
Credits:	1
Trimesters:	1
Prerequisite:	None

Course Description: This course is designed to introduce the students to the basic political, geographical, cultural and historical information about Canada, the United States, and Latin America. Course work will include teacher-generated and student-generated information. Current events will be interjected into class.

Offered every-other year. Available in 2019-20.

Union High School – Registration Handbook

Area Studies: East



Grade Level:	9-12
Credits:	1
Trimesters:	1
Prerequisite:	None

Course Description: This course is designed to introduce the students to the basic political, geographical, cultural and historical information about Northern Eurasia and Southeast Asia. Course work will include teacher-generated and student-generated information. Current events will be interjected into class.

Offered every-other year. Available in 2019-20.

Area Studies: West



Grade Level:	9-12
Credits:	1
Trimesters:	1
Prerequisite:	None

Course Description: This course is designed to introduce the students to the basic political, geographical, cultural and historical information about Europe. Course work will include teacher-generated and student-generated information. Current events will be interjected into class.

Offered every-other year. Available in 2020-21.

Contemporary Issues



Grade Level:	9-12
Credits:	1
Trimesters:	1
Prerequisite:	None

Course Description: Contemporary Issues will focus on major current events that are shaping our world, nation, and state. While looking at day-to-day current events, the class will delve deeper into major issues that are affecting our world and society. Students will be responsible for daily readings, summarizing, and discussion in class. This class will be predominantly reading, discussion, and writing. Most assessments will be essay and short answer testing, with several papers.

Crime and Punishment



Grade Level:	10-12
Credits:	1
Trimesters:	1
Prerequisite:	American History A

Course Description: This course is an overview of the beginnings of law, punishment created for those who broke said law, case law, and important and current court cases before the U.S. Supreme Court. Beginning with William Blackstone and English law, students will work their way through the establishment of the U.S. court systems, and end by looking at important U.S. Supreme Court cases and how they have shaped our society.

Economics



Grade Level:	11-12
Credits:	1
Trimesters:	1
Prerequisite:	None

Course Description: The purpose of this course is to allow student to gain a better understanding of the American Economic System. The class is largely theoretically based with some practical applications used as examples when comparing different systems and learning about our own economic system. Assignments include readings, homework, and tests. The units include an introduction on fundamental economic concepts, macroeconomics – performance and stabilization, government spending, financial markets, and the global economy.

Geography 101



Grade Level:	9-12
Credits:	1
Trimesters:	1
Prerequisite:	None

Course Description: This course is designed to introduce the students to basic geographical information about the world, including physical and political geography. Course work will include teacher-generated and student-generated information. Current events will be interjected into the class.

Union High School – Registration Handbook

Intro to Psychology



Grade Level: 11-12
Credits: 1
Trimesters: 1
Prerequisite: None

Course Description: The science of human behavior will be studied. During this introductory course, the following areas will be covered: fields, history, and schools of psychology, early development, physiology, and sensation and perception. This course is highly recommended if college-bound.

AP Psychology A & B



Grade Level: 11-12
Credits: 1
Trimesters: 1

Considerations: Intro to Psychology

Course Description: This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

**Optional national AP Exam in May*

***Possible college credit available pending AP Exam*

****AP is a weighted course (used 5.0 grading scale instead of 4.0 scale)*

Sociology



Grade Level: 11-12
Credits: 1
Trimesters: 1
Prerequisite: None

Course Description: The purpose of this course is to give students a deeper understanding of the areas of sociology and social problems. The course is designed to develop critical thinking skills by exposing students to ideas and views that may be new to them. The course requires active student participation in a variety of class activities. This course is recommended if college-bound.

U.S. at War



Grade Level: 10-12
Credits: 1
Trimesters: 1
Prerequisite: American History A

Course Description: This course is a comprehensive view of the wars the United States was involved in during the 20th century. Students will look at the connections which led from one war to the next, while focusing on the advancement of weaponry and fighting tactics. We will start with World War I, and continue through World War II, the Korean War, and the Vietnam War, with a brief look at Grenada, the Gulf War, and any other small conflict the United States was involved in.

Union High School – Registration Handbook

ELECTIVE RECOMMENDATIONS

The following courses are highly recommended to be taken prior to graduation in order to be most prepared and successful in pursuing the career pathway listed.

AGRICULTURE OR NATURAL RESOURCES				
Careers		Recommended Classes		
Agricultural Communications	Food Scientist	Math	Companion Ani. Sci.	Ag. Business
Agricultural Finance	Horticulturalist	Biological Sciences	Agronomy	Chemistry
Agricultural Sales	Livestock Production	Natural Resources	Current Issues in Ag	Environmental Sci.
Conservation Officer	Veterinarian	Large Animal Sci.	Accounting I A & B	Horticulture
		Consumer Ag.	Business Leadership	Communications
ART AND COMMUNICATION				
Careers		Recommended Classes		
Graphic Designer		All art curriculum	2-4 Yrs. Wrld Lang.	Multimedia
Journalist		Creative Writing	AP Lit & Comp.	Textile & Design
Photographer		Composition I & II	Business Publication	Intro Comp.
Fashion Designer		Communications	Journalism	Sci./Gaming
		Adv. Comm.		
BUSINESS				
Careers		Recommended Classes		
Accountant	Insurance Agent	Communications	Intro to Business	2-4 Yrs. Wrld Lang.
Administrative Assistant	Lawyer	Adv. Comm	Accounting I & II	Crime & Punish.
Economist	Marketing &/or	English electives	Business Law	Economics
Financial Manager	Advertising	Math beyond Int. III	Business Leadership	Government II
		Statistics	Intro Comp. Sci. & Gaming	
ENGINEERING AND TECHNOLOGY				
Careers		Recommended Classes		
Architect	Mechanic	College Prep Math	Sculpture	Metal Working
CAD Technician	Tool & Dye	Trigonometry	Intro to MIG Welding	Light Construction I & II
Computer Programmer	Truck Driver	Chemistry	Energy Power & Technology	Multimedia
Computer Analyst	Welder	Physics	Additional Art courses	2-4 Yrs. Wrld Lang. Comp. Sci. Princ.
Electrician		Communications	Intro to Comp. Sci. & Gaming	
		Technical Drafting & Design		
FAMILY AND HUMAN SERVICES				
Careers		Recommended Classes		
Apparel Designer or Merchandiser	Marriage and Family Therapist	Communications	Child Growth & Dev.	Textiles & Design
Chef	Personal Financial Planner	Adv. Comm.	Human Relations & Parenting	Art Classes
Dietician	Teacher	Writing courses	Nutrition & Wellness I	Bus. Leadership
Early Childhood Center Director	Social Worker	Psychology I & II	Nutrition & Well. II	Business Law
Hotel/Rest. Mngmt.		Sociology	Restaurant Entrep.	
		Chemistry		
HEALTH				
Careers		Recommended Classes		
Doctor	Therapist (respiratory, massage, physical, occupational, etc.)	Math beyond Int.	Additional English courses	Sociology
Emergency Services		Math III	2-4 Years World Language	Health II
Long-Term Care Services		Chemistry	Nursing Assistant	Psychology I & II
Nurse		Anatomy and Physiology I & II		Nutrition (online)
		Physics		Med Terminology (online)

FOREIGN LANGUAGE COURSE DESCRIPTIONS

German I (A & B)



Grade Level: 9-12
 Credits: 2
 Trimesters: 2
Considerations: English “C” or higher

Course Description: The German I course will emphasize spoken communication relevant to situations students might encounter in a German-speaking country. Reading and writing skills are also practiced in useful ways. Students will learn vocabulary for basic everyday interaction with other German speakers. Students begin learning about the countries and cultures of the German-speaking people.

German II (A & B)



Grade Level: 10-12
 Credits: 2
 Trimesters: 2
 Prerequisite: German I “C” or higher

Course Description: The German II course builds on the foundations of German I. Emphasis continues to be placed on speaking and increasing vocabulary, as well as developing listening skills, reading comprehension and correct usage of basic grammar structures. Students continue to learn about the German-speaking people, countries, and cultures. The continued emphasis on conversation and survival skills enables students to be capable and informed in everyday encounters.

German III (A & B)



Grade Level: 11-12
 Credits: 2
 Trimesters: 2
 Prerequisite: German II “C” or higher

Course Description: The German II course expands on the basic vocabulary and grammar structures learned in previous levels. Students continue to improve and perfect interaction in the target language, advancing both their speaking/listening skills and their writing/reading skills. The conversations, readings, and written work become more involved and sophisticated.

German IV (A & B)



Grade Level: 12
 Credits: 2
 Trimesters: 2
 Prerequisite: German III “C” or higher

Course Description: The German IV course improves and further expands on the student’s ability to comprehend and create oral and written communication in various situations and for various purposes. Advanced grammar concepts will refine the student’s language abilities. The application of all previously learned structures and the continued gain of vocabulary will make it possible for the student to participate in and initiate conversations with German-speakers; read and write with complex structures, as well as use authentic resources. Students will begin to explore the music, literature, art, history, and other aspects of culture in the target language.

Advanced German



Grade Level: 12
 Credits: 1
 Trimesters: 1
 Prerequisite: German III “C” or higher

Course Description: Students will study the language and culture of the Germanic people primarily in the target language. Subject matter will include fairy tales, legends, folksongs, music, literature, history and celebrations. Students will read short books and may research topics in German. It will be tailored to the students’ needs.

Spanish I (A & B)



Grade Level: 9-12
 Credits: 2
 Trimesters: 2
Considerations: English “C” or higher

Course Description: The first year course in Spanish aims to give the student an active, flexible command of Spanish through personal involvement and understanding. There is equal emphasis on writing and speaking. The students will learn everyday conversation and some Hispanic culture. The students will hear Spanish spoken by native speakers on audio tapes that pertain to the lessons. Writing experiences are also provided in worksheets related to the materials and tapes.

FOREIGN LANGUAGE, cont. & HEALTH COURSE DESCRIPTIONS

Spanish II (A & B)



Grade Level: 10-12
 Credits: 2
 Trimesters: 2
 Prerequisite: Spanish I “C-“ or higher

Course Description: The second year continues towards building useful vocabulary, listening and reading comprehension, creative use of language and cultural awareness of the Spanish-speaking world. There is an emphasis on verb conjugation and verb tense.

Spanish III (A & B)



Grade Level: 11-12
 Credits: 2
 Trimesters: 2
 Prerequisite: Spanish II “C-“ or higher

Course Description: In the third year, students will continue to improve their communication skills with a special emphasis on creative and practical use of the language. The students will perform skits, write reports, and conduct interviews, all in the target language. The students are encouraged to initiate conversation with the other students as well as with the teacher. Students will use existing technology in the development of projects and assignments for the class. Students are expected to communicate in Spanish at all times to the best of their ability.

Spanish IV (A & B)



Grade Level: 12
 Credits: 2
 Trimesters: 2
 Prerequisite: Spanish III “C-“ or higher

Course Description: The emphasis of fourth year Spanish is the application and refinement of previously acquired knowledge in new situations and expansion of abilities. Students are expected to work outside class in order to complete assignments and projects. Students will further explore Hispanic culture through reading, writing, and presenting. Students will use existing technology to find current information to assist in the development of projects and assignments for the class. Students are expected to communicate in Spanish at all times to the best of their ability.

Spanish Conversation



Grade Level: 11-12
 Credits: 2
 Trimesters: 2
 Prerequisite: Spanish III A

Course Description: This class offers a deeper study of proper pronunciation and use of the Spanish communication skills a student currently has. Students will be expected to use their Spanish to the best of their abilities at all times. The class will work on listening skills required to understand native speakers by using technology such as podcasting.

Health I

Grade Level: 10
 Credits: 1
 Trimesters: 1
Considerations: Sophomore requirement

Course Description: This required course encourages good health behavior by helping students be responsible for their health and develop a healthy lifestyle. It emphasizes that the choice students make affect the quality of their health. Emphasis is place on instruction in 1) Physical, mental, and social health, 2) Self-esteem and personality, 3) Effective communication, 4) Reproduction and sexual education, and 5) The effects of alcohol, tobacco, and drugs on the human body.

Health II

Grade Level: 11-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Health I

Course Description: This course is designed to delve further into health curriculum. Health II students will stay current in the health field with current events and give presentations, research in-depth health topics, explore career options, and is intended for higher learning of health topics. This is recommended for students interested in pursuing a career in the health field.

PHYSICAL ED COURSE DESCRIPTIONS

Physical Education

Grade Level: 9-12
 Credits: ½
 Trimesters: 1 (every other day)
 Prerequisite: None

Course Description: The general physical education course is a well balanced approach to physical education. A combination of varied warm-up activities, basic exercise and fitness workouts, and developed game/sporting units create a well-rounded knowledge base of how to be active in a world beyond school. You will learn and practice rules and skills to a wide variety of games, sports rules/skills, and basic fitness technique. Students are required to be in PE each trimester unless waiving for a sport or full schedule (seniors only).

Early Bird PE

Grade Level: 9-12
 Credits: ½
 Trimesters: 1 (24 days)
 Prerequisite: Must have full schedule

Course Description: Early Bird PE follows the curriculum of Physical Education (above) but takes place before school from 7:30-8:05 am. Students must have a full schedule to be enrolled and must attend 24 classes; Wednesday classes are mandatory.

Personal Fitness

Grade Level: 9-12
 Credits: ½
 Trimesters: 1 (every other day)
 Prerequisite: None

Course Description: This course is a SELF-DRIVEN and GOAL-ORIENTED class. In this course, students work on physical and mental fitness through daily discussions and practice of self-motivation, goal setting, positive attitude, exercise, basic nutrition, water consumption, and stress-relief techniques. The goals you set for yourself drive the daily workouts (that you also create) are enhanced with daily tips and technique coaching by the instructor.

Strength & Conditioning

Grade Level: 9-12
 Credits: ½
 Trimesters: 1 (every other day)
 Prerequisite: None

Course Description: This course is for those who want to get into great shape. In this course, students will be coached on basic and advanced weight training techniques through organized workout programs that are designed to get individuals stronger, faster, and more explosive. Classes will be split into beginners and advanced lifters to create the proper environment for success and comfort of everyone involved. These workouts will count as in-season and off-season workouts for anyone involved in athletics that can't make it to AM or PM training sessions.

PERFORMING ARTS COURSE DESCRIPTIONS

Band

Grade Level: 9-12
 Credits: ½
 Trimesters: 3
 Prerequisite: Prior participation or teacher approval

Course Description: Admission to the high school instrumental ensembles is determined by satisfactory progress in band at the elementary and middle school levels. Scheduled performances include the Winter Concert, Pops Concert, Spring Concert, football games, and State Music Contests. In addition to the large group activities, students will participate in a small group setting where they can perform solos or small ensembles. Selected students can also participate in a number of honor band festivals throughout the year. Group and/or individual lessons are required for all instrumental music students.

Marching Band: *The marching band will consist of all students currently enrolled in band as well as auditioned members of the color guard. This band will rehearse during the scheduled class time during Trimester 1. Marching band camp will be held in August. The director will choose Drum Major(s) and a flag corps after an audition process. The marching band will perform at all home football games, state contest, as well as many other community or civic events.*

Concert Band: *The concert band is comprised of all wind and percussion players in grades 9-12. Concert band will start to rehearse after the completion of marching season. The concert band will rehearse and perform in the Winter Concert (Dec.), Band Showcase Concert (Feb./March), Spring Contest (May), and Large Group Festival (May).*

Jazz Band: *Membership into the jazz program will be determined by audition. The ensemble will rehearse before school and possibly some evenings. Music selected will be determined on the strengths of the band. The ensemble will compete in 3-4 competitions each year. All students in the jazz ensembles will learn the basics of many different jazz styles as well as improvisation techniques in each style.*

Chorus

Grade Level: 9-12
 Credits: ½
 Trimesters: 3
 Prerequisite: None

Course Description: Chorus meets daily studying all aspects of quality choral performance. UHS vocalists will develop the skills needed to become lifelong musicians; sing in a healthy, resonant and entertaining manner, develop the important life skills of promptness and personal responsibility, set the standard of excellence in behavior and performance for the entire state of Iowa. Throughout the year, class time may be used for full concert work, small group work, musical theatre speech work, show choir, solo literature and full scale musical work. There will be outside responsibilities and attendance requirements; these dates and responsibilities will be shared the first day of class and will be graded. Each student must also attend 6 voice lessons each trimester during the school day.

Union Station Show Choir: *According to Iowa State Music Association guidelines, students must be members of the Concert Choir (Chorus) in order to participate in Show Choir. Membership will be determined by audition in the fall and is an extra-curricular activity. Students must be passing all classes in order to be eligible. The group meetings twice per week on Tuesdays and Fridays from 7:15 to 8:00 am.*

VISUAL ARTS COURSE DESCRIPTIONS

Art Foundations

Grade Level: 9-12
 Credits: 1
 Trimesters: 1

Considerations: Prerequisite to other Art

Course Description: This studio class will explore visual art through the use of the elements and principles of design. Projects will be two- and three-dimensional, which will cover a wide variety of materials such as clay, sculpture, watercolors, acrylics, graphite pencils, and color pencils. This class must have a passing grade to take any other art courses.

Ceramics I

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Art Foundations

Course Description: Clay pottery is one of the oldest and most common crafts in the world. It is the skills of constructing utilitarian and decorative objects from clay that are then fired in a kiln. Students will learn about ceramic tradition through the study of classic forms. Projects will include building techniques of coils, pinch, slab, and wheel throwing.

Ceramics II

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Ceramics I

Course Description: This course is designed to give students a more thorough understanding of the property of clay and glazes. Students are expected to be creative by designing original projects that relate to the elements and principles of design. Ceramics II will help develop creativity, self-expression, and problem solving skills. Possible projects may include wheel throwing, slab box with textures, narrative plate, and coin bank.

Creative Design

Grade Level: 10-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Art Found. & Ceramics I

Course Description: This class “teaches” a student how to be creative in self-expressive visual art through the use of elements and principles of design.

Drawing

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Art Foundations

Course Description: Students will utilize elements and principles of design skills that were taught in Art Foundations. Students will work in two-dimensional medium such as graphite pencils, color pencil, marker, and charcoal. Lessons will cover a variety of styles from Realism to Abstract projects.

Mixed Media

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Art Foundations

Course Description: The term “mixed media” refers to a work of art made with two or more materials. Projects may include a collage from torn papers, then painted with acrylic and watercolor. Glitter, beads, shells, clay, and wire may find their way into projects, too. The future of mixed media is limited only by the imagination of artists and whatever they can get their hands on.

Painting

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Art Foundations

Course Description: Students will utilize elements and principles of design skills that were taught in Art Foundations. Students will work in two-dimensional mediums such as paint, acrylic paint, oil pastel, chalk pastel, and watercolor. Students will learn basic color theory and explore a variety of artist painting styles.

Pinterest Art

Grade Level: 11-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Drawing & Painting

Course Description: Pinterest will be explored as a form of inspiration to create art. Students will be required to design his/her personal version of the Pinterest-inspired art projects. This course will enhance art techniques and boost confidence to be able to create quality products beyond high school.

VISUAL ARTS, cont. & AGRICULTURAL SCIENCE (CTE) COURSE DESCRIPTIONS

Sculpture

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Art Foundations

Course Description: This studio class will focus on the creation of 3-dimensional art. Students will develop an understanding of how positive and negative space helps to develop the art form. Students will explore a variety of mediums such as clay, paper mache, and mixed media. Possible projects may include clay houses, clay creatures, and wire and paper mache trees.

Agronomy

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Intro to Ag Science

Course Description: This course focuses on the production of agricultural crops including corn, soybeans, small grains, hay, and alternative crops. Emphasis will be on the development of management skills needed in the industry.

This can count as a science credit for high school graduation requirements (Intro to Ag not required).

Any student taking a trimester of Ag Science courses each year is eligible to join the LaPorte-Dysart FFA Chapter.

Intro to Ag Science

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
Considerations: Prerequisite to other Ag

Course Description: This trimester class introduces students to the agricultural industry. Emphasis will be on the development of a knowledge base in animal science, crop science (agronomy), horticulture, natural resources, agricultural careers, and FFA leadership opportunities. This course is strongly recommended before enrolling in other ag science classes.

Companion Animal Science

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Intro to Ag, Physical Sci. or Biology

Course Description: This course focuses on the care and management of companion animals such as dogs, cats, rabbits and other more exotic animals kept as pets. Emphasis will be on the application of science practices as it pertains to the care of these animals including nutrition, reproduction, and health.

This can count as a science credit for high school graduation requirements (Intro to Ag not required).

Ag Business Management

Grade Level: 11-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Intro to Ag, Large Animal Sci. & Agronomy

Course Description: This course focuses on developing skills needed to manage an agricultural business. Emphasis will be on business planning, finance, entrepreneurial management, and international agriculture.

Consumer Agriculture

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Intro to Ag Science

Course Description: This course will focus on developing a knowledge base about Iowa's number one industry, agriculture. Emphasis will be on agricultural products including dairy, meats, grains, fruits and vegetables, and energy, as well as exploring current issues in agriculture.

AGRICULTURAL SCIENCE (CTE), cont. COURSE DESCRIPTIONS

Current Issues in Ag

Grade Level: 11-12
 Credits: 1
 Trimesters: 1
 Prerequisite: An. Sciences, Agronomy & Nat. Resources

Course Description: This class will focus on issues currently facing the agricultural industry. Emphasis will be on researching and using sources of information, formulating ideas and opinions, and communicating using a variety of methods and mediums.

Horticulture

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Intro to Ag, Physical Sci. or Biology

Course Description: This course will focus on the care and management of ornamental plants (indoor and outdoor) and fruits and vegetables. Emphasis will be on the development of hands-on skills in the areas of plant propagation, greenhouse management, and landscaping.

This can count as a science credit for high school graduation requirements (Intro to Ag not required).

Production Animal Science

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Intro to Ag, Physical Sci. or Biology

Course Description: This course will focus on the production of domesticated animal including beef, dairy, swine, sheep, goats, horses and alternative livestock. Emphasis will be on the application of science in the care and management of these animals.

This can count as a science credit for high school graduation requirements (Intro to Ag not required).

(formerly Large Animal Science)

Natural Resources

Grade Level: 10-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Intro to Ag, Physical Sci. or Biology

Course Description: This course will focus on developing appreciation for Iowa's natural areas. Emphasis will be on the development of knowledge and skills in the areas of soils, forestry, aquatics, prairies, wildlife habitats, and conservation.

Livestock Evaluation & Selection



Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Score requirements below

Course Description: This course will focus on livestock selection with emphasis placed on the evaluation of breeding animals as well as market animals of beef, swine, sheep, dairy, and horses. The course will include analysis and visual evaluation of live animals and meat carcasses as well as production records.

Students receive 3 college credits for this course.

Offered every-other year. Offered again in 2019-2020.

Requirement scores:
 Iowa Assessment proficiency not required due to CTE.

Principles of Agronomy



Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Score requirements below

Course Description: This course is an introduction to the principles of crop production including soils, plant anatomy, crop plant classification and identification, plant physiology, plant breeding, seed and grain quality, product operations, pest management, and crop storage. Global Positioning (GPS) and Geographical Information Systems (GIS) in crop product is included.

*Students receive 3 college credits for this course. **This course is offered every-other year. Offered again in 2020-21.***

Requirement scores: None required due to CTE.

AGRICULTURAL SCIENCE (CTE), cont. & BUSINESS (CTE) COURSE DESCRIPTIONS

Survey of the Animal

Industry



Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Score requirements below

Course Description: This course introduces students to the species and breeds of domestic livestock, the principles of livestock production, and issues facing the industry. Topics include breeds, basic management, and marketing of farm animals including beef, dairy, horses, goats, poultry, sheep and swine.

Students receive 3 college credits for this course.

This course is offered every year.

Requirement scores:

Iowa Assessment proficiency not required due to CTE.

Careers

Grade Level: 11
 Credits: 1
 Trimesters: 1

Considerations: Junior requirement

Course Description: The course is divided into five phases that cover career standards: self-awareness, career awareness, education awareness, self-marketing tools, and interviewing skills. The students will be working in teams to simulate a workplace experience.

Personal Finance

Grade Level: 11
 Credits: 1
 Trimesters: 1

Considerations: Junior requirement

Course Description: Students will focus on topics relevant to personal finance in everyday life. Topics will include savings and investing, living on your own, being a wise consumer, credit, protecting your identity, buying a house and car, insurance, and understanding loans.

Accounting I (A & B)

Grade Level: 11-12
 Credits: 2
 Trimesters: 2
 Prerequisite: None

Course Description: This two-trimester course is designed to teach a working understanding of debits and credits, business transactions, preparation and interpretation of financial statements, and knowledge of the accounting cycle as related to small and large businesses. Students will utilize the Excel spreadsheet program and online journals in complete class work, as related to the business world.

Accounting II

Grade Level: 11-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Accounting I A & B

Course Description: This course is designed to cover departmentalized accounting, accounting adjustments and valuation, general accounting adjustments, corporate accounting, and management accounting. The topics will include recording departmental purchases and cash payments, recording sales and cash receipts, calculating and recording departmental payroll data, financial reporting for a business, vouchers, inventory planning, accounting for uncollectible, plant assets, notes payable, prepaid and accrued expenses, unearned revenue, dividends, capital for a corporation, and budget planning.

Introduction to Business Leadership

Grade Level: 9-10
 Credits: 1
 Trimesters: 1
 Prerequisite: None

Course Description: This course allows students to explore the topic of business. The overlying theme of the course is to develop a working definition of business including entrepreneurship, marketing, and management by infusing a constant business leadership emphasis including ethics. Students will work as individuals and in a team setting to accomplish this task. Class discussion will focus on many of the events occurring around the world that affect us in Iowa.

BUSINESS, cont. & INFORMATION TECHNOLOGY (CTE) COURSE DESCRIPTIONS

Business Law

Grade Level: 11-12
 Credits: 1
 Trimesters: 1
 Prerequisite: None

Course Description: This course examines law in relation to business and everyday life. Topics may include criminal law, contract law, property rights, employment law, and the U.S. and Iowa Courts System. Students will use available resources in developing a basic understanding of law topics.

Business Publications

Grade Level: 11-12
 Credits: 1-3
 Trimesters: 1-3
 Prerequisite: Computer Applications and Teacher approval

Course Description: Students taking this course have two major focuses throughout the academic year: 1) the UHS Yearbook and 2) UHS Athletic Programs. Students will utilize digital cameras and print photos in developing publications. Layout, graphic design, and ethical content will each be examined throughout the course. Leadership opportunities will exist for all students who are willing to dedicate time and effort to UHS publications. Meet with Mrs. Warren for teacher approval prior to scheduling.

Introduction to Business



Grade Level: 11-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Score requirements below

Course Description: This survey course explores the various fields within the world of business, how they differ, and how they are interrelated. Topics include business in a global environment, starting and growing your business, management, marketing management, managing technology, and managing financial resources. Students who are interested in a career in business or want to further their knowledge of the business world would benefit from this course.

Students receive 3 college credits for this course.

Requirement scores:
 Iowa Assessment proficiency (page 7)
 Iowa Assessment proficiency (page 7)

Computer Applications

Grade Level: 9
 Credits: 1
 Trimesters: 1
Considerations: Freshman requirement

Course Description: This course will set up documents, prepare projects, and data mine information that will be helpful at Union High School and beyond using Microsoft Word, Excel, and PowerPoint. An electronic reference binder will be prepared of notes and projects. Online applications with Google Docs may be used. Students will have the opportunity to gain MS Office Certification.

Intro to Computer Science

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Computer Applications

Course Description: This course provides students with the knowledge and skills necessary to construct computer programs by changing and reading computer languages. In this course, we will explore the background and history of computer science in general. Other portions of the course will allow students to develop apps, website creation, and game development. Students will learn to code through code.org programming and use the Gaming and Animation units to develop gaming.

Introduction to Computers



Grade Level: 11-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Score requirements

Course Description: This is an introductory course in electronic information processing and information system management designed to provide the students with a general understanding of computer hardware and software and the facility to use this knowledge in the creation and management of useful information. Students will be given a hands-on experience with operating system, word processing, database management, and spreadsheet software. *Students receive 3 college credits for this course.*

Requirement scores:
 Iowa Assessment proficiency (page 7)
 Accuplacer NG Reading 239 or ACT Reading 16

EDUCATION & FAMILY CONSUMER SCIENCE (CTE) COURSE DESCRIPTIONS

The following college-level education courses are taught within a one trimester course.

Academic Service Learning Experience



Grade Level: 11-12
 Credits: ½
 Trimesters: 1
 Prerequisite: Score requirements below

Course Description: Students in this course develop and/or implement service learning projects to help the college’s (or high school’s) community under the supervision of the instructor and in cooperation with the staff of community organizations and agencies.

Students receive 1 college credit for this course.

Requirement scores:
 Iowa Assessment proficiency (page 7)

Exploring PK-12 Education



Grade Level: 11-12
 Credits: ½
 Trimesters: 1
 Prerequisite: Score requirements below

Course Description: This course is designed to help students become aware of the foundations of teaching, understand the realities of teaching, and gain insight into the process of teaching. It is provided for students who may be undecided about teaching. The course will investigate the tools and information necessary to make a rational and thoughtful choice about pursuing the teaching profession.

Students receive 2 college credits for this course.

Requirement scores:
 Iowa Assessment proficiency (page 7)

Child Development I

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: None

Course Description: The focus of this class is for students to understand, support and nurture the development of children. Units will include the family decision to parent, careers related to children, strengthening families, discipline and guidance, prenatal development, labor and delivery, infancy, (conception to age 18 months), and the physical, intellectual, emotional, and social developmental tasks during these stages. Students will care for an infant simulator for 48 hours (or more.) Many contemporary parenting concerns, including child abuse, substitute child care, and children’s educational needs are explored. Students will learn how to promote interactions with children which are enjoyable, supportive, encouraging and rewarding. Students will plan and participate in age appropriate projects.

Child Development II

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Child Development I

Course Description: Child Development II builds on Child Development I focusing on the physical, intellectual, emotional and social development characteristics of toddlers, preschool age, and school age children. Also included are effective child guidance techniques, researching and reflecting on current issues affecting children and families, understanding children with special needs, and preparing and teaching a preschool lesson. Students will have practical experience working with young children in a school or daycare setting.

FAMILY AND CONSUMER SCIENCE (CTE), cont. COURSE DESCRIPTIONS

Housing & Interior

Design

Grade Level: 10-12
 Credits: 1
 Trimesters: 1
 Prerequisite: None

Course Description: This course is concerned with homes as an environment for families, human needs and housing, choosing a career in the housing profession, early homes, housing trends, and buying a home. The course also includes the elements and principles of design, architectural styles, color, backgrounds, (paint, trim, flooring, wall and window treatments) furniture styles and arrangement, and floor plans. Class work will include a cumulative major individual project (housing notebook). Self-motivation and personal responsibility are essential to success in the course.

Human Relationships & Parenting

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: None

Course Description: This is a course designed to help students explore all aspects of the impact of relationships in their life while encouraging personal growth and strong family relationships. Units in the class will include: the family as the foundation of our society trends affecting families, strengthening relationships, roles and relationships, birth order and personality, improving communication and resolving conflicts, decision making skills, lifestyle options and consequences, dealing with crisis, balancing work and family life, divorce and remarriage, coping with death, dating and preparing for marriage, the decision to parent and skills needed to be a successful parent. Students will be expected to respectfully discuss and interact in class.

Nutrition & Wellness I

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: None

Course Description: This course emphasizes the basic principles of food preparation. Major units and topics include food and kitchen safety, sanitation, buying and storing food, measurement methods,

(Nutrition & Wellness I description, cont.)

reading a recipe, food preparation terms, knife skills, food-related careers, nutrition, fruits and vegetables, quick and yeast breads, microwave cooking, eggs, dairy, table settings and etiquette. Math concepts are used extensively in a foods class, including changing recipe yield, equivalents, and fractions, and measuring ingredients accurately. The major concepts will be developed through hands-on laboratory preparation, scientific inquiry laboratory experiences, and project-based learning. Several major projects are included.

Nutrition & Wellness II

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Nutrition & Wellness I

Course Description: This course builds on the knowledge acquired in Nutrition and Wellness I. Major units covered include appetizers, soups and salads, meats, poultry, fish, cakes, a cultural food research project, meal management, food preservation, and food industry careers. The major concepts will be developed through hands-on laboratory preparation, scientific inquiry laboratory experiences, and project-based learning. Several major projects are included.

Restaurant Entrepreneurship

Grade Level: 11-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Nutrition & Wellness I & II

Course Description: This course builds on the basics and leads to more advanced culinary skills and concepts. Students will learn to alter and create a variety of foods from basic recipes. The following units and topics include: altering recipes to reduce fat and sugar, research of a famous chef's life and career, poultry cookery, pastries, cake decorating, foreign cuisines, entrepreneurship, and event planning. In this class, relevant experience will be gained by creating a student-run school restaurant for the public and catering several events. The students will be planning and preparing the food, serving as a server/host, creating a pleasing dining experience and working in public relations. Students will be encouraged to experience 5 hours of work in a food industry related setting.

INDUSTRIAL TECHNOLOGY (CTE) COURSE DESCRIPTIONS

The following industrial technology courses require the use of safety glasses. These are provided to the student. If a student loses their pair, another can be purchased from the main office.

Intro to Industrial Technology

Grade Level: 9-12
 Credits: 1
 Trimesters: 1

Considerations: Prerequisite to other Ind. Tech courses

Course Description: This hands-on class will introduce students to the basics of technology: communication, construction, manufacturing, and energy/power/transportation. Activities will include designing mousetrap-powered cars, solving design problems, learning the basics of CAD, programming the CNC mill, and building a mass production project.

Auto Ownership

Grade Level: 10-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Intro Ind. Tech.

Course Description: This course is designed to give students the knowledge and skills to purchase, lease, own, and maintain a vehicle. The course will cover topics such as automotive careers, selecting the right vehicle for you, financial responsibility of owning a car, shopping for insurance, car care, fluid checks, and component identification. Hands-on activities will include the following: automotive cleaning, fluid checks, changing oil, starting a dead battery, wiper blade replacement, tire inspection/removal, changing lights, and inspecting brakes.

Light Construction I

Grade Level: 11-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Intro Ind. Tech.

Course Description: Students will gain a general understanding of the world of civil, residential, and commercial construction. Units in the course will include: construction careers, building layout, plot plans, calculating cut/fill, concrete, and basic wall framing. Hands-on activities will include pouring concrete, using GPS, framing a wall, and squaring a building.

Light Construction II

Grade Level: 11-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Light Construction I

Course Description: This course will provide additional construction experiences. Students will learn about and demonstrate various building trade skills. Hands-on activities include laying concrete block/brick, wall framing, drywall, installing plumbing fixtures, laying floor/wall tile, electrical wiring, asphalt/metal roofing, installing doors/windows, and heating/cooling systems.

Metal Processing/ Production

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Intro Ind. Tech.

Course Description: This hands-on class will give students a basic understanding about the processes used in the metalworking industry. Students will study and have hands-on activities in metallurgy, types of metals, foundry, heat treatment, machining, micrometers, metal lathe, sheet metal, arc welding, MIG welding, gas welding, plasma cutting, and using the CNC mill.

INDUSTRIAL TECHNOLOGY (CTE), cont. COURSE DESCRIPTIONS

Technical Drafting & Design

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Intro Ind. Tech.

Course Description: This course is designed for students who are interested in design and engineering or another technical career. Students will have the opportunity to develop skills in research, teamwork, technical writing, engineering graphics, and problem solving through design problems. Students will use 3D modeling software (Autodesk Inventor) to design and document their solutions to design problems. Students will use a combination of sketches and 3D modeling to communicate their solutions.

Wood Processing/ Production I

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Intro Ind. Tech.

Course Description: This course is designed to give students an introduction to woodworking technology. Students will study species of wood, machine safety, finishing, and material cost calculating. This course gives students the opportunity to experience the importance of working together as well as independently to create products that meet high expectations. As a class, students will work together to mass produce a woodworking project that they will have an opportunity to purchase.

Wood Processing/ Production II

Grade Level: 10-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Wood Process/Prod. I

Course Description: This hands-on class will allow students to increase their knowledge and skills in woodworking. Students will use higher order thinking to prepare materials, set goals, manage time, document progress, and build their own projects. Students get the opportunity to choose the project they create but must use advanced woodworking joinery and construction techniques. In addition, students will be required to turn a wood lathe project.

The following courses are taught together within a one trimester course.

Intro to Welding, Safety, & Health of Welders



Grade Level: 11-12
 Credits: ½
 Trimesters: 1
 Prerequisite: Metal Process/Prod.

Course Description: This course provides students with orientation to the welding profession and will cover the basics of safety and health within the welding profession. This course aligns to SENSE Level 1, Module 1 and Module 2 – Key Indicators 1-6.

Gas Metal Arc Welding: SENSE 1



Grade Level: 11-12
 Credits: ½
 Trimesters: 1
 Prerequisite: Metal Process/Prod.

Course Description: This course focuses on proper weld safety, machine setup and welding techniques of Gas Metal Arc Welding Short-Circuiting Transfer. Students perform American Welding Society compliant welds on carbon steel, in flat, horizontal, vertical and overhead positions. This course will prepare students to take an AWS welder certification test, which is recommended for its successful completion. This course aligns with SENSE Level 1 Module 5: Gas Metal Arc Welding Key Indicators 1-7. Also aligns to SENSE Level 3, Drawing and Welding Symbol Interpretation, Key Indicator 3.

NON-CURRICULAR COURSE DESCRIPTIONS

Academic Decathlon

Grade Level: 9-12
 Credits: 2
 Trimesters: 2
 Prerequisite: None

Course Description: This class emphasizes content in the areas of Art, Literature, Music, Social Science, and Science. The specific course content changes every year based on the United States Academic Decathlon study guide for that year. Throughout the course students will study each curricular area and make a series of presentations to the class. This course provides students with the opportunity to study curriculum and learn through content that is not offered in the typical high school classroom.

Participation in the regional Academic Decathlon competition is a requirement for this class.

The topic for 2019-20 is "In Sickness and in Health: An Exploration of Illness and Wellness."

Work Study

Grade Level: 11-12
 Credits: ½
 Trimesters: 1
 Prerequisite: None

Course Description: The student is assigned to a classroom/teacher to help with any tasks such as grading, sorting, making copies, setting up labs, etc. Students may also peer tutor which includes helping students with assignments, proofreading, and/or studying for tests. The students should have high knowledge or skill in the particular area interested in tutoring. Students must coordinate their work study with a teacher's prep period. Daily activities must be documented to earn the credit. There is a max of one student per teacher per trimester.

Students can take a maximum of three (3) work studies total during their junior and senior years.

Driver's Education

Grade Level: 8-12
 Credits: ½
 Trimesters: Summer only
 Prerequisite: Student has permit

Course Description: This course is offered in the summer. Enrollment is based on the age of the student (oldest having top priority) and having his/her permit. Each student will receive a minimum of six hours behind the wheel instruction and 30 hours of classroom instruction. The driving part of the course has students driving with the instructor. Each student drives one half hour during each driving session. There are twelve of these sessions during the six-week period. The classroom phase meets two or three times per week. This course has its own registration form to complete which becomes available in April.

Internship

Grade Level: 12
 Credits: 1-3
 Trimesters: 1-3
 Prerequisite: Good acad. standing

Course Description: This provides students with work experience in a field related to their interests. Goals are typically set cooperatively by the student, teacher, and employer. Two projects are required and students must track their hours at the worksite. Teacher visits and an employer review will occur.

HAWKEYE COMMUNITY COLLEGE ON CAMPUS/ONLINE COURSE DESCRIPTIONS

Automotive Technology Academy

Grade Level: 11-12
 Credits: 1+
Semesters: 1-4
 Prerequisite: Auto Ownership

Course Description: These set of classes provides you the chance to explore a career in the automotive field while still in high school. It gives you hands-on experience in testing and diagnosing, engine drivability diagnosis, automatic transmissions, gas engines, suspension, alignment, brakes, and basic electricity.

Courses are predetermined but involve the following: Intro to Auto Tech I and II, Auto Brake Systems, Auto Electrical I, Auto Engine Repair, and Auto Suspension and Steering.

This is ON CAMPUS only – must have 5-6th periods free to attend.

Requirement scores:
 Iowa Assessment proficiency is not needed.

Diversity in America

Grade Level: 11-12
 Credits: 1
Semesters: 1
 Prerequisite: Score requirement

Course Description: This course provides an introduction to the sociological study of group relations in the United States. the focus will be on race, class, and gender. However, other identities (such as religion, sexual orientation, age, and abilities) will also be explored. Students will gain a better understanding of the relationship between individuals and society, as well as of the experiences of various minority groups.

Students receive 3 college credits for this course.

Requirement Scores:
 Iowa Assessment Proficiency (see page 7)

Fundamentals of Oral Communications

Grade Level: 11-12
 Credits: 1
Semesters: 1
 Prerequisite: Score requirement

Course Description: This class presents elements of the oral communications process with emphasis in developing interpersonal, small group, and public speaking skills. Students will be involved in activities that provide opportunity for the understanding and improvement of their oral communication skills.

Students receive 3 college credits for this course.

Requirement Scores:
 Iowa Assessment Proficiency (see page 7)

Medical Terminology

Grade Level: 11-12
 Credits: 1
Semesters: 1
 Prerequisite: Score requirement

Course Description: This course presents the foundation necessary to develop a basic medical terminology vocabulary. Emphasis on the components of terms as related to each body system will be provided. The course further provides the student with the opportunity to properly spell, pronounce and utilize medical terms in relation to pathological conditions, tests, and procedures. Common medical abbreviations will also be discussed for each system.

Students receive 2 college credits for this course.

Requirement scores:
 Iowa Assessment proficiency (see page 7)

HAWKEYE COMMUNITY COLLEGE ON CAMPUS/ONLINE, cont. COURSE DESCRIPTIONS

Nurse Assistant (CNA)

Grade Level: 10-12
 Credits: 1
Quarters: 1
 Prerequisite: Must be 16 years old

Course Description: This course is designed to meet the training requirements of The Omnibus Reconciliation Act of 1987 (OBSA) for aides working in nursing facilities (NF) and skilled nursing facilities (SNF). Emphasis in the course is on students achieving a basic level of knowledge and demonstrating skills to provide safe, effective resident/client care. Students must be 16 years old to take this course and have a background check completed, among a few other things.

*Students receive 3 college credits for this course.
 This is a night class on Hawkeye's campus.*

No requirement scores needed for this course.

Nutrition

Grade Level: 11-12
 Credits: 1
Semesters: 1
 Prerequisite: Score requirement

Course Description: Nutrition will introduce students to the science of nutrition. The course will examine individual nutrients, their structure and function in the human body, nutrient composition of food, and selection of food to meet nutrient needs as well as to maintain health and satisfaction. Students will understand and apply present day knowledge of nutrition to dietary patterns and needs of selected individuals and groups. The course is an advanced beginning course in human nutrition designed for students with a science background.

Students receive 3 college credits for this course.

Requirement scores:
 Iowa Assessment proficiency (see page 7)

Western Civilizations I: Ancient & Med

Grade Level: 11-12
 Credits: 1
Semesters: 1
 Prerequisite: Score requirement

Course Description: This course traces the development of Western Civilization from prehistory to 1300 C.E., the end of the High Middle Ages. The role of the Humanities is emphasized. The course explores major political, social, economic, scientific, intellectual, cultural, and religious developments contributing to Western societies. These include the significant events and contributions of early Middle Eastern civilizations, classical and Hellenistic Greece, the Roman Empire, its successors, the rise of the Western Christian Church, and Medieval Europe.

Students receive 3 college credits for this course.

Requirement Scores:
 Iowa Assessment Proficiency (see page 7)

Western Civilizations II: Early Modern

Grade Level: 11-12
 Credits: 1
Semesters: 1
 Prerequisite: Score requirement

Course Description: This course surveys the development of Western Civilization, covering the end of the High Middle Ages of Europe to the French Revolution. The role of the Humanities is emphasized. The course will examine the major political, social, economic, intellectual, cultural, and religious developments contributing to the emergence of modern Western European Society. This includes the significant events and contributions of the Renaissance, the Reformation, the Columbian Exchange, the Scientific Revolution, and the Enlightenment.

Students receive 3 college credits for this course.

Requirement Scores:
 Iowa Assessment Proficiency (see page 7)

HAWKEYE COMMUNITY COLLEGE ON CAMPUS/ONLINE, cont. COURSE DESCRIPTIONS

Western Civilizations III: Modern Period

Grade Level: 11-12
Credits: 1
Semesters: 1
Prerequisite: Score requirement

Course Description: This course will continue exploring the development of Western Civilization, covering the period from the French Revolution until the present. The role of the Humanities is emphasized. The course will examine the major political, social, economic, intellectual, cultural, and religious developments contributing toward Western Society. Included are such major developments as the industrial revolution, the French revolution, Romanticism, European colonialism, World War I, World War II, the Cold War, the new European order, and the world of the Twenty-first Century.

University of Northern Iowa on campus course options must be looked at with Mrs. Kriz.

Upper Iowa University online course options can be found at <https://uiu.edu/academics/dual-enrollment/courses.html>.

SCI COURSE DESCRIPTIONS

SCI courses are designed for students with an Individualized Education Program (IEP) and scheduled with teacher recommendation.

Fusion Reading

Grade Level: 9
 Credits: 2
 Trimesters: 2
 Prerequisite: Teacher recommendation

Course Description: In Fusion Reading, students learn various strategies that they can apply to different reading situations. Strategies address decoding, comprehension, and test-taking skills. The course also emphasizes vocabulary building and independent reading appreciation.

Fusion Reading II

Grade Level: 9-10
 Credits: 1-2
 Trimesters: 1-2
 Prerequisite: Fusion Reading

Course Description: This course continues the strategies starting in Fusion Reading. In addition, students learn and practice behaviors attributed to effective readers. Effective reading behaviors include close reading, questioning, predicting, connecting, determining importance, inferencing, monitoring, and speaking completely about their reading among others.

Independent Reading I

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: None

Course Description: Topics covered include analysis, comprehension, synthesis, and evaluating books.

Independent Reading II

Grade Level: 9-12
 Credits: 1
 Trimesters: 1
 Prerequisite: Ind. Reading I

Course Description: Topics covered include analysis, comprehension, synthesis, and evaluating books.

Comp & Lit (A & B)

Grade Level: 11-12
 Credits: 2
 Trimesters: 2
 Prerequisite: English II A & B

Course Description: Students will be demonstrating reading comprehension, learning elements of a story, developing speaking skills, writing, and reading and writing poetry, as well as collaborating to develop projects.

Basic Math

Grade Level: 9
 Credits: 3
 Trimesters: 3
 Prerequisite: Teacher recommendation

Course Description: This course will cover basic addition, subtraction, multiplication, division, fractions, decimals, graphing, and daily “real life” math including grocery and household budgets and payroll.

Practical Math

Grade Level: 9-10
 Credits: 3
 Trimesters: 3
 Prerequisite: Teacher recommendation

Course Description: This course covers topics such as checkbooks, ratios, decimals, and basic algebra. This course is more advanced than Basic Math.

SCI, cont. COURSE DESCRIPTIONS

U.S. History

Grade Level: 10
 Credits: 2
 Trimesters: 2
 Prerequisite: Teacher recommendation

Course Description: This course covers topics such as diversity of our nation, immigration, industrialization, challenges and opportunities in our history.

World Studies

Grade Level: 11
 Credits: 2
 Trimesters: 2
 Prerequisite: Teacher recommendation

Course Description: This course covers topics such as ancient civilization, Greece and Rome, the middle ages, the Renaissance, exploration, democracy, imperialism, nationalism, major world religions, Middle East conflict, destinations of outsourcing, and conflict in Africa.

Tools for Transitions I

Grade Level: 9
 Credits: 1-2
 Trimesters: 1-2
 Prerequisite: None

Course Description: This course covers topics such as individual, family, communication, management, and resources in planning for the future.

Tools for Transitions II

Grade Level: 10
 Credits: 1
 Trimesters: 1
 Prerequisite: None

Course Description: This course covers topics such as individual, family, communication, management, resources, and life skills.

Directed Study

Grade Level: 9-12
 Credits: .33 per Trimester
 Trimesters: 1-3
 Prerequisite: None

Tools for Transitions III

Grade Level: 11
 Credits: 1
 Trimesters: 1
 Prerequisite: None

Course Description: This course covers learning, working and living skills including required admission/placement tests (college) and/or military admissions, evaluating post-secondary options, taking campus and job site visits, completing interest inventories, career research, understanding workplace behavior and responsibilities, understanding credit, renting, contracts, and car shopping (new vs. used, buying vs. leasing).

Tools for Transitions IV

Grade Level: 12
 Credits: 1
 Trimesters: 1
 Prerequisite: None

Course Description: This course covers topics such as learning, working and living skills including college application basics, learning gross/net income, understanding billing statements, comparing interest rates on car loans and home mortgages, interview basics, differences between a full-time and part-time job, attendance, safety, and behavior on the job, post-graduation budgeting, choosing an apartment, and covering “Can I Make It On My Own?”

E.B.C.E.

Grade Level: 11-12
 Credits: 2
 Trimesters: 1-3
 Prerequisite: Teacher recommendation

Course Description: This is a work study program which is placement at a job site for up to two hours per day, unpaid, to learn new skills, work performance, attendance, attitude, and appropriate attire. This can be taken both junior and senior years for a maximum of 12 credits.

Course Description: Goal monitoring and homework assistance completed with roster teacher.