

Course Description Book 2020-2021



Washington High School



Students and Parents,

This course description booklet has been created to assist you in planning your academic future. Descriptions of course offerings have been written by instructors to help students select courses according to their program of study.

Washington High School encourages students to challenge themselves when they select courses to better prepare them for their future.

When scheduling your classes, it is crucial that you plan carefully and make appropriate choices. It will be difficult for you to change or drop classes once school begins.

These registration materials have been created to assist you in course selections for the upcoming school year. We hope you will find this course description book to be informative and useful. If you have any questions about the course registration process, please stop in and visit with our counselor.

You may also access the registration handbook at the district website, www.ccsd.k12.ia.us. Click on Washington High School and then scroll down to WHS Course Description Handbook.

Mr. Wade Riley
Principal
712-225-6755

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Counselor
712-225-6755

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General Information

Equal Education Opportunity Policy

The Cherokee Community School District does not discriminate on the basis of age, race, national origin, creed, socio-economic status, religion, sex, disability, sexual orientation, gender identity or marital status in educational programs or employment.

If you have questions or concerns about any policy or procedure of the district please contact
Kim Lingenfelter, Equity Coordinator,
600 West Bluff Street
Cherokee, Iowa 51012.
(712) 225-6767
klingenfelter@ccsd.k12.ia.us

Purpose of this Handbook

The purpose of this book is to acquaint students and parents with the grading policies, scheduling policies, and subject offerings at Cherokee Washington High School. It is important for students and parents to read it carefully, consider the student's ability, past achievements, career interests, and then plan a course of study.

Your counselor can play an important role in helping plan a course of study. Your counselor will be working with you individually at registration and is available for questions by phoning 712-225-6755. Please make use of this resource as you plan your course of study. It is the responsibility of the student and their parents to verify with colleges on their admission requirements.

Requirements for Graduation

Forty-nine (49) credits are needed to graduate from Cherokee Washington High School. Graduation from Cherokee Washington High School requires eight semesters of attendance unless early graduation is applied for and granted according to the Cherokee Community School Board's policy for early graduation.

Washington High School Graduation Credit Requirements

49 Credits required

Each course is 1 credit per semester (= Year long course for a total of 2 credits)*

English Language Arts	Science	Social Studies	Mathematics
Required 6 Credits	Required 6 Credits	Required 6 Credits	Required 6 Credits
English I* English II* English III*	Science 9* Biology* Chemistry* or Natural Resources & Ecology*	Modern American History* World History* Economics* American Government*	Pre-Algebra* Algebra A* Algebra B* Algebra I* Geometry* Consumer Math* Algebra II* Pre-Calculus* (Math sequence will vary according to entry level math course taken)
Electives 2 Credits Required 1 Literature 1 English elective	Electives	Electives	Electives
Films as Literature Contemporary Literature World Literature British Literature Novels Creative Writing College Prep Writing Technical Writing Publications* Oral Interp/Acting	AP Biology* Advanced Chemistry Physics* Human Anatomy & Physiology I (BIO 168) Human Anatomy & Physiology II (BIO 173)	Psychology Sociology Modern Warfare Geography Current Issues History through Films	Applied Math (MAT 772) Coding Calculus Calculus (MAT 211) Statistics (MAT 157)
Required: Health 1 credit (must include CPR training) & Physical Education AND 1 credit from the Career Tech/Fine Arts Departments			

Early Graduation

A student who plans to graduate early from Cherokee Washington High School must have completed a preliminary application procedure on or before November 1 of the year s/he plans to graduate. The preliminary application is available in the Guidance Department. To be considered for early graduation, a student must have successfully completed the required credits minus the P.E. credits for the semester they will miss due to the early graduation. In addition, the student's parents/guardians, the counselor and the principal must endorse the petition for early graduation before the request is recognized and approved. We urge parents and students to analyze and discuss the advantages and disadvantages of early graduation and arrive at a mutually acceptable plan before making a final decision. School personnel will gladly serve as a resource for responding to questions, providing information, and assisting in discussing your concerns. The parents and the student must assume the ultimate responsibility for this educational decision.

Graduation Ceremony

Only those students successfully completing all of the requirements for graduation, as stated above, will be allowed to participate in the Washington High School commencement exercises.

Transcripts

Official transcripts with the school seal will be mailed/uploaded by the high school to schools or agencies upon request of the student or parent. Students requesting transcripts for themselves will receive a copy without the official seal.

Course Availability

In order for a class to be taught, the course must have a sufficient number of registrants. If there is insufficient interest in a particular course, the course will not be offered during the upcoming school year.

Alternative Credit Options

Students are allowed to take up to five credits toward Washington High School graduation requirements through an alternative credit program i.e., Western Iowa Tech. Students must fail a required credit once before being allowed to earn a required credit through an alternative option. Grades received through an alternative credit option will not be figured into a student's cumulative grade point average. It is the student's responsibility to provide the office with an official transcript of alternative program credits to be applied toward Washington High School graduation requirements. Application for alternative credit options must be made through the Guidance Department.

GREAT START (GS) Courses

All students must be registered for the equivalency of **7 credits** (3 college credits =1 WHS credit) **If a GS class is failed/dropped after the official college drop date, the student will get a Withdraw Fail (WF) on college and high school transcript.**

Concurrent enrollment courses will need to follow WITCC grading guidelines as these are college classes.

Note: By regulation of the Iowa Department of Education, students are limited to 23 postsecondary credit hours in one academic year.

Required Course Load For WHS Students

Seniors will be required to take **7 credits** first semester and **6 credits** second semester. All other students must be enrolled in a minimum of 7 credits per semester at Washington High School. Any class the school pays for will be included in the student's GPA. More detailed information may be obtained from your counselor.

Schedule Changes

Students will have five days to add/drop a class during 1st and 3rd quarters and if a student is taking a full schedule (8 out of 8 classes) they are allowed to drop a class up to the 10th week of school, if they are passing the class they are dropping they will receive a withdrawal; if a student is failing the class they want to drop they will take a WF (Withdraw Fail). In rare circumstances, a schedule change may occur at the discretion of guidance counselor and principal when deemed appropriate through the 10th week of school (Students will receive a withdrawal if they have a passing grade at the change of schedule or an WF (Withdraw Fail) if they have a failing grade). Students who take a withdraw fail, are academically ineligible and will be under the Scholarship Rule of ineligibility for 30 consecutive days.

Changes may be made ONLY for the following reasons:

1. Failure in a required course attempted a previous semester
2. Approved level changes by teacher and counselor
3. Special education placement
4. Significant change in college or career planning
5. Seniors who need courses for graduation
6. Required course not on schedule
7. Failure to have necessary prerequisite for a course
8. Student already has credit in the scheduled class
9. Newly registered student - no previous schedule
10. Adding a class which does not disturb the rest of the schedule

Schedule changes will not be made for student convenience.

Schedule change forms must be completed before the drop is official. They are available online.

Adding/Dropping a Class

Schedule Change Request

Date: _____

Last Name First Name MI

Please put a checkmark in the reason stated below for a schedule change:

_____ 1. Failure in a required course attempted a previous semester

_____ 2. Approved level changes by teacher and counselor

_____ 3. Special education placement

_____ 4. Significant change in college or career planning

_____ 5. Seniors who need courses for graduation

_____ 6. Required course not on schedule

_____ 7. Failure to have necessary prerequisite for a course

_____ 8. Student already has credit in the scheduled class

_____ 9. Newly registered student-no previous schedule

_____ 10. Adding a class which does not disturb the rest of the schedule

Schedule changes will not be made for student convenience. Schedule change request forms must be completed before the drop is official. They are available online on the WHS Guidance page.

Class Name	Add	Drop	Teacher Signature

FOLLOW THE ORDER FOR SIGNATURES

1. **Student Signature:** _____
2. **Parent Signature:** _____
3. **Principal Signature:** _____
4. **Counselor Signature:** _____

_____ Request Approved

_____ Request Denied

Grade Point Average and Purpose of Grades

Grade point average is figured by dividing the sum of the grade points earned by the total credits attempted. Grade points for grades given are as follows:

A	4.00
A-	3.67
B+	3.33
B	3.0
B-	2.67
C+	2.33
C	2.0
C-	1.67
D+	1.33
D	1.0
D-	.67

Grade point average is figured using **semester** grades and is updated at the end of each semester. All grades earned, except those from an alternative credit program, are used in determining grade point average. Class rank is updated each semester and is based on cumulative grade point average.

Purpose of Grades: to communicate students' learning progress to students, parents, teachers, and administrators.

Academic Letters

Washington High School awards letters for academic achievement to those students who earn a 3.2 grade point average for two consecutive semesters. Academic letters and chevrons are awarded the first day of school for last year's second semester grades.

Incomplete Grades

The maximum time allowed to make up an incomplete will be one week. For the 4th quarter the deadline is the last teacher workday of the school year. The exceptions to the above deadlines are that seniors must have all work completed by the last school day for seniors and in the event of a prolonged excused absence from school just prior to and/or during the end of the quarter. In extraordinary cases, the administration may waive these deadlines and set a deadline that would be reasonable for circumstance.

Washington High School Cherokee College Visit Request

Student Absence Request For A College Visit

Student's Name: _____

Date of Absence: _____

Reason for Absence: _____

School Official Signature: _____

Period	Course	Teacher Signature	Assignment
EB			
1			
2			
3			
4			
5			
6			
7			
8			

This form must be COMPLETED AND RETURNED TO THE GUIDANCE OFFICE BEFORE YOU LEAVE FOR YOUR COLLEGE VISIT.

PLEASE HAVE YOUR GUIDANCE COUNSELOR FILL OUT THE COLLEGE VISIT CHECKLIST ON THE NEXT PAGE

**COLLEGE VISIT CHECKLIST
(TO BE FILLED OUT BY YOUR GUIDANCE COUNSELOR)**

BEFORE College Visit:

_____ Parent Permission

(Please circle one) Phone call Note Text Email

_____ Picked up and returned completed Blue Sheet to
Guidance Office

AFTER College Visit:

(This needs to be completed within 2 days of the college visit)

_____ Verification of College Visit

Examples of College Visit Verification:

College folder, Professor's business card, Email from the Admissions office. The Guidance Office, at their discretion, may accept other forms of verification.

**FAILURE TO COMPLETE THE CHECKLIST WILL RESULT IN AN
UNEXCUSED ABSENCE AND LOSS OF OPEN CAMPUS POINTS.**

College Admissions Requirements

Iowa's State Universities * South Dakota's State Universities * University of Nebraska

	University of Iowa	Iowa State University	University of Northern Iowa	South Dakota Universities	University of Nebraska
English	4 years	4 years	4 years	4 years	4 years
Mathematics	3 years (e)	3 years (e)	3 years (f)	3 years	4 years (g)
Laboratory Science	3 years	3 years	3 years	3 years	3 years
Social Studies	3 years	2 years (b)	3 years	3 years	3 years
Foreign Language	2 years (a)	2 years (c)	(h)		2 years
Fine Arts				1 year (i)	
Electives			2 years (d)		

- (a) Must complete 4 years to graduate from the university; students who have taken the requisite years in high school have fulfilled these requirements.
- (b) 3 years for College of Liberal Arts & Sciences
- (c) Requirements for College of Liberal Arts and Sciences, and the College of Engineering (3 years of HS Foreign Language will fulfill the college Foreign Language requirement)
- (d) Could be Foreign Language or other core course selections
- (e) 4 years of math for the College of Engineering
- (f) Including Algebra 1, Algebra 2 and Geometry
- (g) Must be Algebra 1, Algebra 2, Geometry and an additional course that builds on concepts learned in Algebra 2
- (h) No foreign language required for admission, but two years of a foreign language is required to graduate from UNI (can be taken in high school or college)
- (i) Recommended but not required

TO BE SURE OF WHAT ALL THE REQUIREMENTS ARE FOR ADMISSION TO A SPECIFIC COLLEGE, PLEASE CONTACT THE COLLEGE'S ADMISSION OFFICE TO VERIFY INFORMATION.

Student Athlete Information

RAI Score for admission to any of the three Iowa Regent universities:

Iowa resident students who achieve at least a 245 RAI score and who meet the minimum high school course requirements are automatically offered admission to any of the three Regent universities.

Primary RAI Formula

- Percentile rank X 1
- + ACT composite score X 2
- + Cumulative GPA X 20
- + Number of years of high school core courses X 5

RAI Score

RAI APPROVED CORE COURSES				
<i>Regents Admissions Index</i>				
<u>ENGLISH</u>	<u>MATH</u>	<u>SCIENCE</u>	<u>SOCIAL STUDIES</u>	<u>WORLD LANGUAGES</u>
British Literature	Algebra I	Science 9	American Government	Spanish 1
Contemporary Literature (Ind Study)	Algebra 1B	Biology	Current Issues	Spanish 2
Creative Writing	Algebra 2	Chemistry	Economics	Spanish 3
College Prep Writing	Geometry	Human Anatomy & Physiology I and II	Modern American History	Spanish 4
World Literature	Pre-Calculus	Physics	Psychology	
Oral Interpretation/ Acting	Calculus	AP Biology	Sociology	
Novels	Calculus 1 (MAT 211)	Advanced Chemistry	World History	
Mythology	Statistics (MAT 157)			
English I, II and III				

NCAA/NAIA Information

Athletic ability is a specialty that can make a difference in the college admissions and financial aid process. At most colleges, athletics are regulated by the rules established by the NCAA (National College Athletic Association) or NAIA (National Association of Intercollegiate Athletics). The recruitment and enrollment of college athletes are governed by the NCAA's and NAIA's rules.

To be eligible to participate at the NCAA Division I or II level and NAIA, where full athletic scholarships are awarded students must be certified as eligible by the www.eligibilitycenter.org or <http://www.playnaia.org>.

Suggestions for student athletes:

- Inform your high school coach and counselor that you are interested in playing that sport in college.
- Register with the NCAA or NAIA Eligibility Center by the end of your junior year.
- Become familiar with the NCAA/NAIA rules regarding the recruitment of athletes.
- Make an appointment with your counselor to assure that you are taking courses approved from an approved core curriculum.

NCAA Eligibility Center Approved Courses				
English Language Arts	Social Sciences	Mathematics	Natural/Physical Sciences	Additional Core Classes
American Literature	American Government	Algebra I	Anatomy and Physiology I	Spanish I
British Literature	Current Issues	Algebra II	Anatomy and Physiology II	Spanish II
Creative Writing	Economics	Algebra A (.5 units max)	Biology	Spanish III
English I, II and III	World History	Algebra B (.5 units max)	AP Biology	Spanish IV
Films as Literature	Psychology	AP Calculus	Chemistry	
Novels	Modern American History	Geometry	Advanced Chemistry	
World Literature	Sociology	Math IV	Physics	
College Prep Writing		Pre-Calculus	Science 9	

[NCAA Eligibility Center Brochure](#)

16 Career Clusters

Career Clusters represents a distinct grouping of occupations and industries based on the knowledge and skills they require. The 16 Career Clusters and related Career Pathways provide an important organizing tool for schools to develop more effective programs of study (POS) and curriculum.

Please follow the link for information:

<https://www.careertech.org/sites/default/files/CareerClustersPathways.pdf>

Career Pathways

Construction, Nursing, Welding

WITCC CONSTRUCTION PATHWAY		Drywall (Cert.)	Carpentry (Cert.)	Construction (Diploma)	WHS Courses	Credits
CON 209	Introduction to Drywall				X	1
CON 136	Introduction to Construction Shop				X	1
CON 365	Advanced Drywall		*		X	1.5
SDV 108	The College Experience				X	1
CON 204	Basic Framing Techniques				X	4
CON 366	Exterior Finishing				X	4
CON 367	Interior Doors, Cabinets and Millwork				X	2.5
MAT 772	Applied Math				X	3
Successful completion of all courses earns a Diploma in Construction						
Total Credits						36
<p>Start by taking courses to earn your Drywall & Carpentry certificates. Next, roll those courses into a Construction diploma. The courses to complete the diploma will earn you three more certificates; Concrete Specialties, Interior Finishing & Wall Framing and Roofing.</p>						
<p>*Course not required for Carpentry Certificate</p>						
<p>Western Iowa Tech Community College... "The Best Place to Start!"</p>						

WITCC NURSING PATHWAY		CNA (Cert.)	PRACTICAL NURSING (LPN) (Diploma)	NURSING (ADN) (AAS)	WHS Courses	Credits
HSC 173	Nurse Aide Theory	*	**	**	X	3
HSC 174	Nurse Aide Clinical	*	**	**	X	1
SDV 108	The College Experience					1
BIO 169	Human Anatomy and Phy. IA w/lab				X	4
PSY 111	Introduction to Psychology					3
BIO 151	Nutrition					3
PNN 624	Nursing I					9
BIO 174	Human Anatomy and Phy. IIA w/lab				X	4
PSY 121	Developmental Psychology					3
PNN 625	Nursing II					9
PSY 241	Abnormal Psychology					3
BIO 186	Microbiology					4
ADN 621	Nursing III					9
ADN 235	Principles of Pharmacology for Nursing					3
ADN 622	Nursing IV					9
SOC 110	Introduction to Sociology					3
MAT 772	Applied Math				X	3
ENG 105	Composition I					3
Successful completion of all courses earns a AAS Degree						
Total Credits						73
<p>* Concurrent successful completion of, HSC-173 and HSC-174, meets the requirements for the 75-hour CNA Certification. Students are eligible to take the nurse aide competency exams upon completion. Passing the state test will place you on the State Nurse Aide registry.</p>						
<p>**75-hour CNA Certification and other admission requirements must be met before acceptance into the nursing program.</p>						
Western Iowa Tech Community College... "The Best Place to Start!"						

WITCC WELDING PATHWAY		Production Welding	Industrial Welding	Welding Technology	WHS Courses	Credits
Semester 1						
SDV 108	The College Experience				X	1
ELE 101	Industrial Safety				X	1
WEL 423	Intro to GMAW				X	2
WEL 422	GMAW for Production				X	4
WEL 120	Oxy Fuel Welding and Cutting				X	2
WEL 425	Measuring, Layout, and Applied Weld Symbols				X	1
WEL 147	ARC Welding Introduction (SMAW)				X	3
MAT 772	Applied Math				X	3
Successful completion of semester 1 (Fall & Spring) earns the Production Welding Certificate						
Semester 2						
WEL 148	ARC Welding Intermediate (SMAW)					3
WEL 424	Intro to Pulse Arc GMAW Welding					3
WEL 420	Intermediate Pulse Arc GMAW Welding					4
WEL 110	110 Welding Blueprint Reading					2
COM 723	COM 723 Workplace Communications					3
Successful completion of semesters 1 & 2 earns Industrial Welding Diploma						
Semester 3						
WEL 208	Introduction to Fabrication					2
WEL 164	Arc Welding II (SMAW)					4
WEL 112	Welding Blueprint Reading/ Advanced					2
WEL 191	Gas Tungsten Arc Welding					4
PSY 102	Human & Work Relations					3
Semester 4						
SPC 122	Interpersonal Communication					3
WEL 700	Robotic Welding					4
WEL 292	Pipe Welding/SMAW - Uphill					4
WEL 294	Pipe Welding GTAW/SMAW					4
BCA 206	Applied Computer Concepts				X	3
Successful completion of semesters 1 through 4 earns Welding Technology AAS						
Total Credits						68

*Start by taking courses to earn your certificate (**Students that successfully complete ELE 101 will obtain an OSHA 10 hours certification**). Next, roll those courses into a diploma. The courses to complete the diploma can then be applied towards earning your Associate of Applied Science (AAS).

Western Iowa Tech Community College... "The Best Place to Start!"

CAREER TECHNICAL EDUCATION

AGRICULTURE

299 AG LEADERSHIP THROUGH GLOBAL EYES

Credit: 1

Offered Fall Semester

Available to Grades 10-12

Prerequisite: Introduction to Agriculture, Food, & Natural Resources

Agriculture Leadership courses help students develop leadership skills with a focus on opportunities in the food, fiber, and natural resources industries. Topics may include but are not limited to human relationships and effective communication, decision making and problem-solving, leadership qualities and styles, and ensuring successful completion of group activities.

301 INTRODUCTION TO AG, FOOD, AND NATURAL RESOURCES

Credit: 1

Offered 1 Semester

Available to Grades 9-10

Prerequisite: None

Students' experiences will involve the study of communication, the science of agriculture, plants, animals, natural resources, and agricultural mechanics. This course is structured to enable all students to have a variety of experiences that will provide an overview of the fields of agriculture science and natural resources so that students may continue through a sequence of courses through high school. In addition, students will understand specific connections between lessons and supervised agricultural experiences and FFA components that are important for the development of an informed agricultural education student.

308 PRINCIPLES OF AG SCIENCE – ANIMAL

Credit: 2

Offered Yearly

Available to Grades 10-12

Prerequisite: Introduction to Agriculture, Food, & Natural Resources

Students' experiences will involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing. Throughout this course students will consider the perceptions and preferences of individuals within local, regional, and world markets. Students will explore hands-on projects, activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists, such as veterinarians, zoologists, livestock products, and industry, personnel, face in their respective careers.

321 PRINCIPLES OF AG SCIENCE – PLANT

Credit: 1

Offered Spring Semester

Available to Grades 10-12

Prerequisite: Introduction to Agriculture, Food, & Natural Resources

Student experiences will include the study of plant anatomy and physiology, classification, and the fundamentals of production and harvesting. Students will learn how to apply scientific knowledge and skills to use plants effectively for agricultural and horticultural production. Students will discover the value of plant production and its impact on the individual, the local, and the global economy. Students will work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers, and plant research specialists, face in their respective careers.

BUSINESS EDUCATION

420 ACCOUNTING I

Credit: 2

Offered Yearly

Available to Grades 10-12

Prerequisite: None

The main purpose of the course is to give the student a background in accounting methods used in a sole proprietorship business and a corporation, as well as a background to be used in further college or career & technical education courses. Calculating taxes and completing bank reconciliation are also a part of this course. A workbook is used for the problems that are assigned to simulate real world experience. Practice sets for a proprietorship and a corporation are used to further enhance the learning process. Students will also be exposed to automated accounting using computer software.

425 ACCOUNTING II

Credit: 2

Offered Yearly

Available to Grades 11-12

Prerequisite: 2 credits in Accounting I

This course is designed to provide additional knowledge of accounting procedures not covered in the accounting first year course. Areas of study include: a review of basic accounting procedures for a partnership and a corporation, accrued income and expenses, and unearned revenue and prepaid expenses. Students will use a ruled workbook and business simulations to enhance the learning experience. Accounting II students will also be exposed to an automated accounting program on the computer. (This class is a must for those entering Accounting Programs at the college level.)

488 BCA 221- INTEGRATED COMPUTER BUSINESS APPLICATIONS

Credit: 1

Offered Spring Semester

Available to Grades 11-12

DUAL CREDIT COLLEGE COURSE

Prerequisite: CSC 116 Information Computing

This course allows students to utilize their Microsoft Office knowledge and skills. Students receive instruction on specific Office application integration with emphasis both on individual and workgroup-oriented projects.

448 BRAVES DESIGNS - BUSINESS

Credit: 1

Offered: Semester

Available to Grade(s): 10-12

Prerequisite:

Students must complete an application/interview process to be reviewed by the instructor(s), principal and guidance counselor. Students applying for BRAVE Designs must have completed one of the following classes...

- Intro to FCS
- Accounting 1
- Woods 1 or Metals 1 (Industrial Technology)

Join the BRAVE Designs class as we explore the intricate world of business! Students will be able to choose one of the business focus areas (Graphic Design, Industrial Technology, and Business Management) to gain a hands-on knowledge of the workplace and the workings of a business.

- Students who have completed Intro to FCS: Students will work with various technologies to design and create graphic apparel and other vinyl products for sale.
- Students who have completed Accounting 1: Students will work to market, sell, inventory, and do business accounting for items sold.

Students who have completed Industrial Technology Class: Students will work with various technologies to design and create wooden and/or metal products for sale.

405 BUSINESS LAW**Credit: 1****Offered per Semester****Available to Grades 10-12****Prerequisite: None**

In the business curriculum, business law is perhaps the one content-type course that is of value to all students whether or not they specialize in business. Business law is fundamental for social control and knowledge of it is essential to intelligent action in everyday living. It deals in many areas. Some of the units are as follows: laws, contract, insurance, motor vehicles, juvenile law and property law.

459 COLLEGE AND CAREER READINESS**Credit: .5****Offered 1 Semester opposite of PE / Strength and Conditioning** *(Just like Character Development)***Available to Grades 9-12****Prerequisite: None**

This course is designed to introduce and help students develop the skills and strategies that are helpful in becoming more productive individuals. Topics include goal setting; personal management; the job search; and workplace preparation. Opportunities will also be provided to explore different career and lifestyle choices.

431 COMPUTER APPLICATIONS (aka Keyboarding Applications)**Credit: 1****Offered per Semester****Available to Grades 9-12****Prerequisite: None**

This course is designed to provide helpful knowledge of software applications. It is geared to help the student acquire skills, which the student can put to good use throughout his/her life no matter what career the student chooses. These skills will include shortcut commands, creating proper business spreadsheets, tables, presentations, word processing, and business letters and publishing skills.

486 CSC 116 - INFORMATION COMPUTING**Credit: 1****Offered Fall Semester****Available to Grades 11-12****DUAL CREDIT COLLEGE COURSE****Prerequisite: None**

This course presents the basic concepts of information systems and computer literacy. The course incorporates theory as well as hands-on practice, which focuses on spreadsheets and database management systems (DBMS).

446/447 ECO (Extended Career Opportunities)**Credit: 3 or 4****Offered Semester/Yearly****Available to Grade 12****Prerequisite: Work-based Learning**

ECO opportunities are available at select Cherokee area businesses. ECO expands work-based learning by offering additional hours in the career field and is more focused on the necessary skills needed for the selected career. All Extended Career Opportunities must be approved by the work-based learning coordinator and are subject to change each semester. Students must go through an interview with the worked-based learning coordinator, a guidance counselor, and/or the principal. Program placement will depend upon availability, classes the student has taken, student grades and school attendance.

410 ENTREPRENEURISM

Credit: 1

Offered per Semester

Available to Grades 10-12 Grades

Prerequisite: Introduction to Business

This semester course is designed to show students the necessary skills to effectively organize, develop, create, and manage their own business. Students will assess their current skills against the skills necessary to become a successful entrepreneur. Students will also examine and evaluate the essential skills to determine why they are important entrepreneurial skills. Business ideas will be evaluated and a business plan will be prepared. Students will research business trends, market share, and real estate pricing, and marketing. Additional topics will focus on local opportunities and available assistance, legal issues and record keeping. Students will create and run a business during this class.

400 INTRODUCTION TO BUSINESS

Credit: 1

Offered per Semester

Available to Grades 9-12

Prerequisite: None

This semester course should give a solid basis for those students considering further studies in business in high school and college as well as offering useful and practical aspects of living to any students. It gives background information on the free enterprise system in the three possible roles a student plays: as a worker, as a consumer and as a citizen in the economy.

440/445 WORK-BASED LEARNING

Credit: 1 or 2

Offered Semester/Yearly

Available to Grades 11/12

Prerequisite: Approved application, & taken classes related to the job placement

Work-based learning opportunities are available in various businesses in the Cherokee community. Work-based learning links the school's academic and occupational course of study with supervised on the job training. The experiences are relevant to the student's identified career goal. Work-based learning students are released from school one or two class periods. All jobs must be assigned and approved by the work-based learning coordinator. Students must fill out an application and go through an interview with the worked-based learning coordinator, a guidance counselor, and/or the principal. Placement will depend upon application, interview, student grades and job availability.

Applications for Work-Based Learning can be picked up in the Counselor's Office.

**Washington High School
Work-Based Learning
Student Application**

Name: _____ Date: _____

Address: _____
Street
City
Zip Code

Phone: _____ Age: _____ Birth Date: _____

CAREER INTEREST AREA:

- | | | |
|--------------------|------------------------|-------------------|
| 1. Social Services | 5. Business | 9. Human Services |
| 2. Automotive | 6. Health | 10. Food Service |
| 3. Computers | 7. Construction Trades | 11. Other |
| 4. Machinist | 8. Arts/Communications | |

1st Choice # _____ 2nd Choice # _____

Please list courses that relate to your job choice above:

1st Choice Class	2nd Choice Class

List any work or volunteer experience:

	Job Title	Business/Employer	Start/End Dates	Responsibility
1.				
2.				
3.				

Washington High School Work-Based Learning Student Information Sheet

Student:

Career Interest:

School Activities:

Do you have a preference for the location of your work-based learning placement?

_____ **Yes**

_____ **No**

If yes, explain

Do you know any businesses, which may be interested in your career interest area?

If so, please list them below:

Business:	Business:
Address:	Address:
Phone:	Phone:
Contact Person:	Contact Person:

Business:	Business:
Address:	Address:
Phone:	Phone:
Contact Person:	Contact Person:

Family Consumer Sciences

448 BRAVES DESIGNS - FCS

Credit: 1

Offered: Semester

Available to Grade(s): 10-12

Prerequisite:

Students must complete an application/interview process to be reviewed by the instructor(s), principal and guidance counselor. Students applying for BRAVE Designs must have completed one of the following classes...

- Intro to FCS
- Accounting 1
- Woods 1 or Metals 1 (Industrial Technology)

Join the BRAVE Designs class as we explore the intricate world of business! Students will be able to choose one of the business focus areas (Graphic Design, Industrial Technology, and Business Management) to gain a hands-on knowledge of the workplace and the workings of a business.

- Students who have completed Intro to FCS: Students will work with various technologies to design and create graphic apparel and other vinyl products for sale.
- Students who have completed Accounting 1: Students will work to market, sell, inventory, and do business accounting for items sold.
- Students who have completed Industrial Technology Class: Students will work with various technologies to design and create wooden and/or metal products for sale.

441 CULINARY I

Credit: 1

Offered each semester

Available to Grades 9-12

Prerequisite: Intro to FCS

This course focuses on introducing students into the science of baking! Students will spend time learning about the major units over Food Safety & Sanitation, Food Allergies & Intolerances, Ingredient Functions, Flours & Frostings, Leavening Agents, and Flavorings, Chocolates, & Sugars. Lessons will be reinforced by hands-on culinary skills in the kitchen lab.

442 CULINARY II

Credit: 1

Offered 1 semester

Available to Grades 10-12

Prerequisite: Culinary I and Intro to FCS

This course is a continuation of Culinary 1. Students will explore the art of cooking! Students will spend time learning about the major units over Flavors, Food Preservation, Sauces, Soups, & Thickening Agents, and Proteins. A major emphasis will be placed on learning to cook to taste. Students will have the opportunity to explore ethnic cuisines and present an individual lab. Lessons will be reinforced by hands-on culinary skills in the kitchen lab.

463 FASHION DESIGN

Credit: 1

Offered Spring Semester

Available to Grades 9-12

Prerequisite: Intro to FCS

This course is designed to help students foster creativity as they explore the many different aspects of the textiles and apparel industry. Topics will include the elements and principles of design; common textiles and care; the manufacturing process; the retail industry; and various styles of clothing. A special focus will be directed at the debate surrounding fast fashion.

461 HOUSING DESIGN

Credit: 1

Offered Spring Semester

Available to 9-12 Grades

Prerequisite: Intro to FCS

This course is designed to help students explore the many different aspects of housing and interior design. Topics will include the elements and principles of design; traffic patterns and flow; affordability in housing; and the creation of floor plans. This class will be primarily project based and students will have the opportunity to design their own housing utilizing technology.

457 HUMAN GROWTH AND DEVELOPMENT

Credit: 1

Offered Spring Semester

Available to Grades 10-12

Prerequisite: Intro to FCS

This course will focus on the development and growth of the human from conception and infancy to the elderly stage and death. A special focus will be placed on ages 0-18 and students may have the opportunity to use the RealCare Baby® Simulation.

462 INTERPERSONAL RELATIONSHIPS

Credit: 1

Offered Fall Semester

Available to Grades 9-12

Prerequisite: Intro to FCS

This course was designed to help students understand the importance of creating healthy relationships. Students will explore the functions of various relationships, how personal character affects relationships, communication in relationships, & conflict prevention & management.

458 INTRODUCTION TO FCS

Credit: 1

Offered each Semester

Available to Grades 9-12

Prerequisite: None

This course focuses on helping students explore the many different topics found within the family and consumer sciences. Topics include (but are not limited to) foods and nutrition; personal finance; interpersonal relationships; laundry; and careers in the family and consumer sciences field.

Students are required to pass Intro to FCS with a minimum of a C (73% or higher) in order to take Culinary 1, Culinary 2, Fashion Design, Human Growth & Development, Housing Design, and Interpersonal Relationships.

Industrial Tech

448 BRAVES DESIGNS - INDUSTRIAL TECH

Credit: 1

Offered: Semester

Available to Grade(s): 10-12

Prerequisite:

Students must complete an application/interview process to be reviewed by the instructor(s), principal and guidance counselor. Students applying for BRAVE Designs must have completed one of the following classes...

- Intro to FCS
- Accounting 1
- Woods 1 or Metals 1 (Industrial Technology)

Join the BRAVE Designs class as we explore the intricate world of business! Students will be able to choose one of the business focus areas (Graphic Design, Industrial Technology, and Business Management) to gain a hands-on knowledge of the workplace and the workings of a business.

- Students who have completed Intro to ECS: Students will work with various technologies to design and create graphic apparel and other vinyl products for sale.
- Students who have completed Accounting 1: Students will work to market, sell, inventory, and do business accounting for items sold.
- Students who have completed Industrial Technology Class: Students will work with various technologies to design and create wooden and/or metal products for sale.

490 DRAFTING

Credit: 1

Offered 1 Semester

Available to Grades 9-12

Prerequisite: None- Limit 5

This introductory course is designed to acquaint students with the printed language of industry. The students will cover topics including ANSI lettering, tools, constructions, shape description and size description. Additional units will cover sketching, pictorials (oblique-isometric-perspective), sectioning, stretch-outs, and auxiliary views. Students will use Chief Architect, CAD, SolidWorks, Blender, and 3D Printing.

487 INTRODUCTION TO CONSTRUCTION

Credit: 2

Offered Yearlong

Available to Grades 9-12

Prerequisite: None- Limit 9

This course is designed to acquaint students with the safe handling of construction materials, with machines and hand tools. The students will cover topics including safety use of tools, measurement and layout building footprint, wall construction, roof construction, concrete activity. Lab work will depend on availability of construction projects.

482 METALS I

Credit: 1

Offered at least 1 Semester

Available to Grades 9-12

Prerequisite: None- Limit 12

This introductory course is designed to acquaint students with the safe handling of metals, with machines and hand tools. The students will cover topics including safety, measurement and layout, bench metal, forging, foundry, wrought iron, and cost estimation. The students will demonstrate safe shop practices while producing 1 project in each of the 5 areas.

484 METALS II

Credit: 1 Offered 1 Semester

Available to Grades 9-12

Prerequisite: Metals I (B+ or higher)- Limit 6

This advanced course is designed to acquaint students with precision measuring, engine lathe vertical milling, and CNC milling. The students will demonstrate safe shop practices and will produce 1 project in each area. Drawings, plan of procedure, and bill of materials will be made for each.

483 WELDING FUNDAMENTALS

Credit: 1

Offered 1 Semester

Available to Grades 9-12

Prerequisite: Metals I (B+ or higher)- Limit 6

This course is designed for the student who needs basic welding skills. The two welding processes are: Oxy-Acetylene Welding, Shielded Metal Arc Welding (SMAW or stick). Topics include: safety, setup of equipment, electrode selection, metal transfer, shielding gases, welding distortion control, and the welding of ferrous metals. Lab experience will provide for skill development in these areas.

480 WOODS I

Credit: 1

Offered each Semester

Available to Grades 9-12

Prerequisite: None- Limit 10

This introductory course is designed to acquaint students with the safe handling of wood, with machines and hand tools. The students will cover topics including safety, measurement and layout, cutting wood, cutting wood joints, adhesives, wood properties, finishing techniques, project step planning, man-made wood products. There are two required projects and a personal project chosen by the student.

481 WOODS II

Credit: 2

Offered Yearlong

Available to Grades 10-12

Prerequisite: WOODS I (B+ or higher) & Instructor Permission

This advanced course is an independent projects class for students to explore the various woods areas, in the production of furniture or cabinets. The students will demonstrate safe shop practices while producing projects. Drawings, plan of procedure, and bill of materials will be made for each project.

TECHNOLOGY

435 INTRO TO COMPUTER SCIENCE

Credit: 1

Offered 1st Semester

Available to 9-12 Grades

Introduction to Computer Science introduces students to computers and peripheral devices, the functions and uses of computers, the language used in the computer industry, applications of computers, and occupations related to computer hardware and software. This course will explore legal and ethical issues associated with computer use, as well as how computers influence modern society. Students will also perform some computer operations.

436 JAVA PROGRAMMING

Credit: Offered every other year - 2nd Semester

Available to 10-12 Grades

Prerequisite: Coding

Java Programming provides students with the opportunity to gain expertise in computer programs using the Java language. The emphasis is on how to structure and document computer programs, using problem-solving techniques. Topics covered in the course include syntax, I/O classes, string manipulation, and recursion. There will also be a unit where the students will program a robot as a learning platform.

437 NETWORKING

Will be offered 2021-2022 School Year

Credit: 1

Offered every other year - 2nd Semester

Available to 10-12 Grades

Prerequisite: Intro to Computer Science

Networking addresses the technology involved in the transmission of data between and among computers through data lines, telephone lines, or other transmission media (such as hard wiring, cable television networks, radio waves, and so on). Students will

learn about network capabilities and network technology—including network software, hardware, and peripherals involved in setting up and maintaining a computer network.

433 ROBOTICS

Credit: 1

Offered 2nd Semester

Available to 10-12 Grades

Prerequisite: Coding

Robotics develops students' skills and knowledge so that they can design and develop robotic devices. Topics covered in the course may include mechanics, electrical and motor controls, computer basics, and programmable logic controllers.

439 TECH SUPPORT SPECIALIST

Credit: 1

Offered each Semester

Available to 9-12 Grades

Prerequisite: Technology Director Approval

This course covers the basic hardware of a chromebook, including installation, operations and interactions with software. Topics include component identification, memory-system, peripheral installation and configuration, hardware diagnostics/repair, installation and optimization of system software, commercial programs, system configuration, and device-drivers. Upon completion, students should be able to select appropriate computer equipment and software, maintain existing equipment and software, and troubleshoot/repair non-functioning chromebooks.

438 WEB PAGE DESIGN

Will be offered 2021-2022 School Year

Credit: 1

Offered every other year - 1st Semester

Available to 10-12 Grades

Prerequisite: Intro to Computer Science

Web Page Design courses teach students how to design web sites by introducing them to and refining their knowledge of site planning, page layout, graphic design, and the use of markup languages—such as Extensible Hypertext Markup, JavaScript, Dynamic HTML, and Document Object Model—to develop and maintain a web page. This course will also cover security and privacy issues, copyright infringement, trademarks, and other legal issues relating to the use of the Internet.

ENGLISH LANGUAGE ARTS

LITERATURE

156 BRITISH LITERATURE

Credit: 1

Offered 1 Semester

Available to Grades 10-12

Prerequisite: None

British Literature is an elective course that fulfills a Language Arts or Literature requirement. This course will focus on several different types of genre such as poetry, novel, drama, epics, legends, visual narratives (film), and essays. Students will be expected to read outside of class and be prepared for class discussion. There will be several eras in British Literature we will be studying including The Anglo-Saxon Period, Middle Ages, Renaissance, and Romantic period. This course is a great way to be immersed in British Culture and learn some interesting history through literary perspective. There will be many individual and class opportunities to write, think, and discuss in British Literature.

152 CONTEMPORARY LITERATURE

Credit: 1

Offered 1 Semester

Available to Grades 10-12

Prerequisite: Teacher Approval

This course will explore literature that is generally set or published after World War II. Students will focus on authors, themes, concerns of the time, structures, and techniques that have influenced the development of contemporary literature. Utilizing various types of literary criticism will enhance students' ability to engage in lively classroom and online discussion of texts. Reader response journals, creative writing, theme-related activities, and Socratic Seminars will present additional opportunities for individual expression. This elective promotes reading as a lifelong habit, exposes students to themes, concepts, and philosophies that may challenge their current comfort levels, and encourages the acceptance of diverse ideas in an increasingly global environment.

151 ENGLISH I

Credit: 2

Offered Yearlong

REQUIRED

Prerequisite: None

This is a required one-year English course that will include the coverage of a variety of skills, reading literature, and writing several types of papers. Students will consider varying perspectives/ themes through a variety of literature. Written assignments will include personal narratives, stories, a research paper, essays, and vocabulary building exercises.

153 ENGLISH II

Credit: 2

Offered Yearlong

REQUIRED

Prerequisite: English I

In this required year long English class, sophomores will encounter a variety of literature, writing, and film. Students will be studying vocabulary, grammar, as well as the following forms of literature: short stories, novels, non-fiction pieces, and plays. Using the 6 + 1 Trait Model, students will also study and produce several forms of writing, including a research paper.

157 ENGLISH III

Credit: 2

Offered Yearlong

REQUIRED

Prerequisite: English II

This is a required year long Language Arts course designed for juniors. This course will focus on writing, speaking, and specifically American Literature. This course may include the following. Writing--students will continue to work on effective writing skills focusing on Voice, Ideas, Word Choice, Conventions, Presentation, and style. Students will be writing in a variety of formats, essays, journaling, narratives, and poetry. Students will also be learning the art of effective rhetoric in persuasive writing through essays and speeches. Students will also be enhancing their speaking skills through class presentations and speeches that will focus on persuasive speaking, informative speaking, public address and advertising. Finally, students will be tying their writing and speaking skills into a study of American Literature. This literature will focus on the genres of poetry, plays, novels, essays, journals, speeches and short stories. Literature will also include historical documents from Early American Literature.

158 FILMS AS LITERATURE

Credit: 1

Offered 1 Semester

Available to Grades 11-12

Prerequisite: None

Films as Literature is a one-semester elective course that fulfills a Language Arts literature requirement. This course is a course designed to examine a film as a piece of literature, while also examining film for its cinematic qualities. This class has a strong emphasis on 21st century critical thinking skills. Students will be viewing several types of film genres in this class and will be required to write about, and analyze these films. Analysis can come in the form of verbal or written tests. Throughout the class, students will be expected to be developing their own short film; this includes producing, writing, filming, and editing a personal film. This course will also teach how to use the editing tool iMovie. This film can be done independently or in a group. There are also several other opportunities for student creativity in projects like a PSA, Music Video, and other film projects.

155 NOVELS (Literary Perspectives)

Credit: 1

Offered 1 Semester

Available to Grades 10-12

Prerequisite: None

This elective literature course will fulfill one literature or language arts elective for high school graduation requirements. This literature course will focus on reading various novels, discussing novels, and writing about them. The novels chosen will be based on both the instructor's choice and student choice. Students will also get to read and share novels of their own choosing as well. This class is designed to promote the joys of reading and thoughtful expression about your ideas as you encounter some great works of literature.

166 Really Great Reading I

Developmental Decoding Skills (Level 1)

Credit: 2

Offered Yearlong

Prerequisite: Placement based on results of ISASP testing and teacher recommendation

This class is focused on remediating decoding weaknesses in students of all grades. The class utilizes appropriate, high-quality, foundational-skills to enhance reading instruction.

167 Really Great Reading II

Developmental Decoding Skills (Level 2)

Credit: 2

Offered Yearlong

Prerequisite: Placement based on results of ISASP testing and teacher recommendation

This class is focused on remediating decoding weaknesses in students of all grades. The class utilizes appropriate, high-quality, foundational-skills to enhance reading instruction.

168 Really Great Reading III***Developmental Decoding Skills (Level 3)*****Credit: 2****Offered Yearlong****Prerequisite: Placement based on results of ISASP testing and teacher recommendation**

This class is focused on remediating decoding weaknesses in students of all grades. The class utilizes appropriate, high-quality, foundational-skills to enhance reading instruction.

164 STRATEGIC READING I***Developmental Comprehension Skills*****Credit: 2****Offered Yearlong****Available to Grade 9****Prerequisite: Placement based on results of ISASP testing and teacher recommendation**

This research-based course is designed to improve students' reading abilities through modeled and guided practice of various reading strategies, as well as collaborative comprehension tasks, independent reading practice, and vocabulary development.

165 STRATEGIC READING II***Developmental Comprehension Skills*****Credit: 2****NOT OFFERED 2020-2021 SCHOOL YEAR****Offered Yearlong****Available to Grades 10, 11, 12****Prerequisite: Placement based on results of ISASP testing and teacher recommendation**

Continuation of modeled and guided practice of various reading strategies, as well as collaborative comprehension tasks, independent reading practice, and vocabulary development.

160 WORLD LITERATURE**Credit: 1****Offered 1 Semester****Available to Grades 10-12****Prerequisite: None**

This is an elective language arts or literature course. Students will read world literature including prose, poetry, drama, essays and a novel. Literature will come from many countries such as Italy, Greece, France, Russia, Latin America, and many other areas. Students will also share on Cultural Fridays--these days students will bring in information about cultures from around the World. This class's assessments will focus on written work. This written work will be focused on reflective and essay writing. This class is a great way to learn about other cultures and explore your personal interests and ideas.

ORAL AND VISUAL COMMUNICATION**174 ORAL INTERPRETATION/ACTING****Credit: 1****Offered Fall Semester****Available to Grades 9-12 (grades 10-12 get 1st preference)****Prerequisite: None**

This elective English course is an introductory course to the stage. This course is designed for the student who is interested in theater, acting, and drama. This course may cover the following areas, improvisation, lip sync participation, Ensemble Acting, Readers Theatre, Monologues, mime, speech writing and delivery, and combat mime. Theatre Class activities will include performances in class, public performance, and class participation. Be prepared to perform in class you must participate in order to earn a passing grade. This is the perfect course to get involved with a variety of age groups and learn poise.

WRITING

184 COLLEGE PREP WRITING

Previously called Writing III

Credit: 1

Offered 1 Semester

Available to Grades 11-12

Prerequisite: None

This class is an elective writing course, which is designed to prepare students to write for a variety of reasons and prepare them for college writing. Topics of essays include: persuasive, argumentative, literary analysis, research, informative, analysis of a visual narrative, a generic scholarship essay, personal narrative, and career readiness documents. Students will also have exposure to several forms of citations, grammar, and vocabulary exercises.

186 CREATIVE WRITING

Credit: 1

Offered 1 Semester

Available to 11-12 Grades

Prerequisite: None

Students in this course will generate free writing in a journal, study models of good writing, and experiment with poetry, various genres, and prose. Students will develop a sense of speaker and audience. They will provide positive support for their fellow writers and learn to revise their work using concrete, sensory details and appropriate choice of diction, syntax, purpose, and audience. Students will work extensively on revising their own and others' writing pieces. Students must be prepared to follow deadlines and due dates in order to be successful in the course.

188 PUBLICATIONS

Credit: 2

Offered Yearlong

Available to 10-12 Grades

Prerequisite: Teacher Approval and students must have passed English I and English II with an 80% average.

Students will produce the school yearbook. There will be an emphasis on writing style and technique, writing process (revising, and editing), and also production values and organization and deadlines. The students will focus on their writing skills and editing of stories, headlines, captions and the basics of production design, layout and printing of a publication. Students will work with a wide range of technology (knowledge of Adobe Photoshop, digital cameras, and computer photo editing software). Students will also have to work together with other students in the course to make major decisions about the yearbook. Students are also expected to take pictures at school events, outside of class time, and work at 2 concession stands. Students signing up for this class must be enrolled for both semesters.

192 TECHNICAL WRITING

Credit: 1

Offered 1 Semester

Available to Grades 10-12 Grades

Prerequisite: Teacher Approval

Students will survey basic concepts of non-fiction writing. Students will encounter various article formats and work towards developing their voice using various writing styles. This course will prepare students to research, organize, and write persuasively. Much of the course will focus on students developing and improving their writing in a variety of styles and formats. Many of the writing pieces will be published in various online and print outlets. Students must be prepared to follow deadlines and due dates in order to be successful in the course.

FINE ARTS

Visual Arts

113 ART APPRECIATION

Credit: 1

Offered 1 Semester

Available to Grades 9-12

Prerequisite: None

This course encourages students to gain an understanding and appreciation of art in their everyday lives. Themes covered may be: art terminology and principles of design, definition of art, cultural purposes of art, visual elements of art, and then artists and time periods throughout history. Art videos, critique of artworks, lecture, notes, and class presentations, will be a part of the class.

100 ART FUNDAMENTALS

Credit: 1

Offered per Semester

Available to Grades 9-12

Prerequisite: None

This is a basic introductory course, which explores a variety of artistic styles, mediums, and the fundamentals of art. The class investigates, discusses, and implements the elements & principles of design through a number of diverse art projects. During the course of the semester, students will explore movements in art history as well as specific styles.

104 CERAMICS I

Credit: 1

Offered per Semester

Available to Grades 9-12

Prerequisite: None

This course will allow the student to discover art through clay. Students will create an understanding of form and function through a variety of projects.

107 CERAMICS II

Credit: 1

Offered per Semester

Available to Grades 10-12

Prerequisite: Ceramics I and teacher approval.

Ceramics II provides in-depth work with clay beyond Ceramics I. Students will further their technical ability in hand building, surface decoration and wheel thrown techniques. Students will continue to explore glaze application methods and various surface effects. Students will be highly encouraged to work beyond the ordinary in order to advance their artistic styles and capabilities with clay.

106 DRAWING

Credit: 1

Offered per Semester

Available to Grades 9-12

Prerequisite: Art Fundamentals

This course is based on the guided practices in the five basic skills of drawing. These skills are perception of edges, lights, shadows, relationships, spaces, and the Gestalt. Students will have the opportunity to learn a variety of techniques and methods needed to be successful in drawing.

105 FOLK ART

Credit: 1

Offered 1 Semester

Available to Grades 9-12

Prerequisite: None

Open your mind and eyes to art from around the world. Course includes the study and viewing of artwork from other countries and cultures. Students will focus on a particular culture /country and then create and make art from here in a similar manner.

122 INDEPENDENT STUDIO

Credit: 1

Offered per Semester

Available to Grades 11-12

Prerequisite: Art Fundamentals, Drawing, Painting and Instructor's approval

This course is designed to allow the individual to pursue media or mediums of choice. Students should be strong independent thinkers and workers. The goal is to create personal, meaningful and individualized artwork. This course is designed for the college bound art student.

110 PAINTING

Credit: 1

Offered 1 Semester

Available to Grades 9-12

Prerequisite: None

This course will allow students to explore the world through color. Various tools and techniques used in the painting field will be explored. Students will create an understanding for aesthetics, composition, and painting techniques through a number of projects aimed at creating a personal connection to each painting.

114 SCULPTURE

Credit: 1

Offered 1 Semester

Available to Grades 9-12

Prerequisite: None

This course seeks to create a better understanding and appreciation for the major types, processes, and artistic traditions in sculpture. Students will apply their knowledge of the elements & principles of design to evaluate sculptural processes and sculptures. The student will develop their own creative ideas to design and create their own expressive sculptures.

434 VIRTUAL REALITY

Credit: 1

Offered each Semester

Available to Grades 9-12

Prerequisite: None- Limit 12

This Independent Study course, conducted with instructors as mentors, enables students to explore topics of interest related to the Virtual Reality Education Pathfinder program. This course may serve as an opportunity for students to expand their expertise with the Blender software, to explore 3D animation in greater detail, or to develop more advanced skills related to the program. 2nd Semester is contingent on teacher's approval.

MUSIC

NOTE: All music students will have the opportunity to participate in State Solo and Small Group Contest, Festivals, Exchange Concerts, Trips, and other functions.

124 BAND

Credit: 1 (per semester)

Offered Yearlong**Available to Grades 9-12****Prerequisite: None**

This course is open to all students with a desire to participate in Instrumental Music. The major focus in Band is the Concert Band where students will be introduced to concepts that will improve music technique. Students involved in Band are required to participate in Marching Band and Pep Band during athletic events. Students enrolled in Band will be required to participate in concerts and other performances throughout the year and will have the opportunity to participate in select ensembles. Jazz Band is auditioned in the late fall and meets early in the morning. Any student enrolled in band is open to audition for Jazz Band. Weekly lessons are required and are scheduled by the director.

123 INTRO TO GUITAR***Will be offered 2021-2022 School*****Year****Credit: 1****Offered 1 Semester****Available to Grades 9-12****Prerequisite: Student must have their own guitar**

Students will be taught the following: fundamentals of guitar, music and musicianship, music notation, terminology, scales, key signatures and time signatures. Also being taught, basic guitar chords, rhythms and fingering techniques. The music is beginning level classical, folk and popular guitar literature.

129 MUS 100- MUSIC APPRECIATION**Credit: 1****Offered Spring Semester****Available to Grades 11-12****DUAL CREDIT COLLEGE COURSE****Prerequisite: None**

A general course designed to make the student more aware of musical form, media, genres, musical periods, and the essential role of music in life and culture. Emphasizes the development of tools for intelligent listening and appreciation.

128 MUSIC THEORY**Credit: 1****Offered Fall Semester****Available to Grades 9-12****Prerequisite: None**

Theory provides students with knowledge about the fundamentals of music. The students will learn: Note names on all clefs, note names on the piano, major and minor key signatures, major and minor scales, intervals, chords (triads and 7th chords), chord progressions and part-writing, chord inversions, non-chord tones, modulations, musical forms and much more.

126 VOCAL MUSIC**Credit: 1 (per semester)****Offered Yearlong****Available to Grades 9-12****Prerequisite: None**

This ensemble is open for any student with a reasonable degree of vocal ability and/or training in proper vocal technique. Students will be introduced to concepts that will improve sight-reading ability and overall music technique. Music for this ensemble will be sacred and secular, covering time periods from the Renaissance to contemporary in a variety of languages. Lessons are mandatory and will be scheduled by the director. Any student enrolled in this ensemble will be required to participate in concerts and other performances throughout the semester and will also have the opportunity to participate in select ensembles.

HEALTH AND PHYSICAL EDUCATION

Health, PE, Character Development

148 FUNDAMENTALS OF STRENGTH AND CONDITIONING

Credit: 1

Offered 1 Semester

Available to Grades 11-12

Prerequisite: Strength And Conditioning (full year)

Course will explore the different lifts and understand why they are incorporated into training. Overall understanding of training and programming will also be taught. Class will have lectures as well as some lab experience.

132 HEALTH I

Credit: 1

Offered per Semester

Available to Grades 9-12

REQUIRED for WHS Graduation

Prerequisite: None

The health units covered will include nutrition, goal setting, fitness, the body systems, drug and alcohol abuse, sex education and CPR Training. This introductory class will cover the health basics in the above areas with a focus on units important to early teens.

136 HEALTH II

Credit: 1

Offered 1 Semester

Available to Grades 10-12

Prerequisite: Health I

This class will teach the overall benefits of staying healthy. Health units that will be covered include nutrition, personal fitness, and changes of the body, body systems, mental and emotional health, drug use and abuse, sex education, and other current applicable health topics.

133 PE

Credit: .5

Offered per Semester every other day opposite of College & Career Readiness *(Just like Character Development)*

Available to Grades 9-12

Prerequisite: None

This is a daily class that combines traditional P.E. units with an introduction to lifting. Each week will consist of 3 days of PE on Monday, Wednesday, & Friday. Character development or Leadership will be on Tuesday and Thursdays with students learning character or leadership skills.

139 PERSONAL WELLNESS

Not offered 2020-2021 School Year

Credit: 1

Offered per Semester

Available to Grades 9-12

Prerequisite: Teacher Approval or PE / Leadership /Character Development

This class is designed to elevate the students heart rate through a variety of tasks, including but not limited to, walking, jogging, PiYo, Yoga, P90X, Zumba, and circuit training. Students will be provided with a heart rate monitor to examine their heart output, and will be expected to elevate their performance based on the feedback.

134 RECREATIONAL ACTIVITIES

Not offered 2020-2021 School Year

Credit: 1

Offered Spring Semester

Available to Grades 9-12

Prerequisite: None

This class is designed for those individuals looking for lifetime activities. Recreational sport will be focused on being outside as much as possible. Activities will include cross country skiing, snow shoeing, hunter safety, fishing, and other activities. Students interested in this class should enjoy being active outside.

146 STRENGTH & CONDITIONING

Credit: .5

Offered per Semester every other day opposite of College & Career Readiness *(just like Character Development)*

Available to Grades 9-12

Prerequisite: The ability to work hard.

This class is for students that wish to train to become faster and stronger. The class will be divided into core lift and then auxiliary lifts.

147 STRENGTH & CONDITIONING - EARLY BIRD

Credit: 1

Offered per Semester

Available to Grades 9-12

Prerequisite: The ability to work hard.

This class is for students that wish to train to become faster and stronger. The class will be divided into core lift and then auxiliary lifts.

**One session of this class will be held from 6:15-7:30am.*

**One session of this class will be held from 7:15-8:30am (with no open campus 8th period).*

MATHEMATICS

MATHEMATICS

253 ALGEBRA A

Credit: 2

Offered Yearlong

Available to Grades 9-11

Prerequisite: None

This is the first semester of regular algebra expanded through the school year. Topics include Equations, Inequalities, Linear Functions, and Solving Systems of Linear Equations. Algebra, in addition to its concern of solving mathematical problems, supplies the language and patterns of reasoning used in other branches of mathematics. Besides increasing their ability to organize and solve mathematical problems, most students will be able to solve and think through their own problems.

254 ALGEBRA B

Credit: 2

Offered Yearlong

Available to Grades 10-12

Prerequisite: Algebra A

This is the second semester of regular algebra expanded through the school year. Topics include Exponents and Polynomials, Factoring Polynomials, and Quadratic Functions.

260 ALGEBRA I

Credit: 2

Offered Yearlong

Available to Grades 9-12

Prerequisite: None

Algebra, in addition to its concern of solving mathematical problems, supplies the language and patterns of reasoning used in other branches of mathematics. Besides increasing their ability to organize and solve mathematical problems, most students will be able to solve and think through their own problems better. Topics include Equations, Inequalities, Linear Function, Systems of Equations and Inequalities, Exponents, Polynomials, Factoring Polynomials, and Quadratic functions and equations.

270 ALGEBRA II

Credit: 2

Offered Yearlong

Available to Grades 10-12

Prerequisite: Algebra I

Algebra II is a course intended to follow Algebra I and Geometry. It builds **heavily** upon skills and concepts from Algebra I. The course emphasizes properties of the real number system, operations with algebraic expressions, functions, graphing, mathematical modeling of problems, problem solving, and communicating mathematics. Extensive work is done with linear functions, quadratic functions, rational expressions, and rational functions, the relationships between functions and their graphs, and solving systems of equations. The real number system is extended to include operations with complex numbers.

284 CALCULUS

Credit: 1

Offered Fall Semester

Available to Grade 12

Prerequisite: Pre-Calculus. Student must pass college entrance exams and students are required to meet cut scores on the College Placement Exam Co-Requisite MAT 211

This is the fifth year of the college prep mathematics sequence, following Pre-Calculus. The course will include a review of the properties of the real number system; a review of trigonometry and circular functions; logarithms and exponential functions; and most of the Advanced Placement Calculus AB syllabus. Students will receive one high school credit for semester one of this class, and then will take MAT 211 second semester and will receive both high school and college credit for second semester.

252 CODING *THIS WILL BE THE LAST YEAR CODING WILL COUNT FOR A MATH CREDIT*

Credit: 1

Offered every other year for 1 semester

Available to 10-12 Grades

Prerequisite: Algebra I (or A & B) and Intro to Computer Science

Coding is a class that introduces students to the foundational concepts of computer programming. Coding explores the technical challenges and questions that arise from the need to represent digital information in computers and transfer it between people and computational devices. The majority of the class introduces the foundational concepts of computer programming, which unlocks the ability to make rich, interactive apps. This course uses JavaScript as the programming language, and App Lab as the programming environment to build apps, but the concepts learned in these lessons span all programming languages and tools. The third unit allows the students to use Boe-Bots as a learning platform to explore the world of cyber, electronics and entry-level programming.

275 CONSUMER MATHEMATICS

Credit: 2

Offered Yearlong

Available to Grades 11-12

Prerequisite: Algebra I, Pre-Algebra, Algebra A and/or Algebra B

This course familiarizes the student with basic arithmetic operations (particularly percent) and then, using these operations, deals with some of the problems that everyone encounters in daily life. Some of these include: earned income, interest and interest rates, savings and checking accounts, budgets, installment buying, automobile ownership and operation, insurance (fire, life, automobile, health, and

accident), taxes (real estate, sales, income, 1040EZ form), investments, social security, and reading graphs and tables. This is not a college prep course.

249 FOUNDATIONS OF MATH

Developmental Math Skills

Credit: 2

Offered Yearlong

Available to Grades 9-12

Prerequisite: Teacher Recommendation

The Foundations of Math course emphasizes the teaching of mathematics as problem solving, communication and reasoning. This class highlights the connections among mathematical topics and other disciplines. This course approaches the teaching of general math, pre-algebra, and pre-geometry topics by applying numbers and algebraic and geometric concepts and relationships to real world problems.

265 GEOMETRY

Credit: 2

Offered Yearlong

Available to Grades 9-12

Prerequisite: Algebra I (2 credits) or Algebra B

This is an elective math course intended to follow Algebra I. The course is a study of the process of logical thought. Logical thought consists of reaching valid conclusions based on facts special to the given problem as well as previously established facts. The skills learned in the logical pattern of problem solving can be applied to everyday decision-making and problem analyzation, as well as to other math and science courses. Topics covered include proof, geometric figures and their properties and relationships, and the algebra of geometry, including review of algebra skills pertinent to this and future math courses.

568 MAT 772- APPLIED MATH

Credit: 1

Offered Spring Semester

Available to Grades 11-12

DUAL CREDIT COLLEGE COURSE

Prerequisite: Algebra I

This course reinforces general mathematics skills; extend these skills to include some pre-algebra, and algebra topics; and use these skills in a variety of practical, consumer, business, and occupational applications. Course topics typically include rational numbers measurements, basic statistics, ratio and proportion, basic geometry, formulas, and simple equations.

285 MAT 211- CALCULUS

Credit: 1

Offered Spring Semester

Available to Grade 12

DUAL CREDIT COLLEGE COURSE

Prerequisite: Pre-Calculus, Calculus & ACT Math subscore of 26 or higher, or can meet cut scores on the WITC College Placement Tests.

This is the fifth year of the college prep mathematics sequence, following Pre-Calculus. The course will include a review of the properties of the real number system; a review of trigonometry and circular functions; logarithms and exponential functions; and most of the Advanced Placement Calculus AB syllabus. Students will receive both high school and college credit for this dual credit course.

263 MAT 157- STATISTICS

Credit: 1

Offered 1 Semester

Available to Grades 11-12

DUAL CREDIT COLLEGE COURSE

Prerequisite: ACT Math subscore of 22 or higher, or can meet cut scores on the WITC College Placement Tests.

This course addresses theory, techniques, and applications of statistical analyses: descriptive statistics, probability, sampling, estimation, test of hypotheses, ANOVA, linear regression and nonparametric procedures. Computer skills and use is needed throughout the course. This is a dual credit College NOW class worth 4 college credits.

250 PRE-ALGEBRA

Credit: 2

Offered Yearlong

Available to Grades 9-12

Prerequisite: None

This is an integrated course that will review the basic arithmetic operations and use these skills to begin work in basic algebraic concepts. Students will be introduced to exponents and negative numbers and will work extensively with percentages and solving equations. Volume, area, and perimeter will also be studied.

280 PRE-CALCULUS

Credit: 2

Offered Yearlong

Available to Grades 11-12

Prerequisite: Geometry and Algebra II (2 credits)

This course combines the study of Trigonometry, Elementary Function, & Math Analysis topics as preparation for Calculus. Topics include the study of complex numbers; polynomial, logarithmic, exponential, rotational, right trigonometric, & circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solution of right and oblique triangles; vectors, sequences, & series.

SCIENCE

SCIENCE

315 ADVANCED CHEMISTRY

Credit: 1

Offered 1 Semester

Available to Grade 12

Prerequisite: Chemistry (2 credits) and Teacher recommendation

This course is designed for students with a continuing interest in chemistry. Its purpose is to expand the student's knowledge of the areas of chemistry touched on in the first year course and also to consider new topics that time limitations prevented in first year chemistry, such as electro-chemistry, nuclear chemistry, organic chemistry, and qualitative analysis. Future college science majors should take this class. *Calculator is required.*

330 ADVANCED PLACEMENT BIOLOGY (AP BIOLOGY)

Credit: 2

Offered Yearlong

Available to Grade 12

Prerequisite: Biology & Teacher Approval (Chemistry recommended)

This course is designed for students with a continuing interest in biology. It is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their freshman year. Approximately 25% of the class will focus on molecules and

cells – emphasizing the chemistry of life, cell cycles, cellular respiration, and photosynthesis. Approximately 25% of the class will focus on genetics and evolution – emphasizing inheritance patterns, cellular genetics, and evolutionary patterns. The final 50% of the class will focus on a survey of the plant and animal kingdoms along with ecological relationships. Recommended for students planning to attend college and/or pursue a career in science. ALL students WILL be required to take the Advanced Placement test at the end of the class.

305 BIOLOGY

Credit: 2

Offered Yearlong

REQUIRED for Grade 10

Prerequisite: Science 9

Biology is the study of living things. Topics studied include: scientific method, basic biochemistry, cell anatomy, cell energy use and reproduction, genetics and gene technology, evolution, and a survey of the plant and animal kingdoms.

530 BIO 168- ANATOMY AND PHYSIOLOGY I

Credit: 1

Offered 1 Semester

Available to Grades 11-12

DUAL CREDIT COLLEGE COURSE

Prerequisite: 1) Score 22 or higher on the ACT test 2) 2 semesters of High School Chemistry with a B- or better or 1 semester of High school Chemistry with a B- or better and 1 semester of High school biology with a B- or better 3) Completion with a C- or better in a transfer level Biology (BIO-105 or higher) or Chemistry (CHM-122 or higher). Co-requisite BIO 173.

This is a combined lecture and lab course that explores the relationship between structure and function in the human body. This course covers the skeletal, muscular, integumentary, and nervous systems, as well as cytology and histology. This course is for high school and college credit (4 college credits through Western Iowa Tech Community College).

531 BIO 173- ANATOMY AND PHYSIOLOGY II

Credit: 1

Offered 1 Semester

Available to Grades 11-12

DUAL CREDIT COLLEGE COURSE

Prerequisite: BIO 168

This is a combined lecture and lab course. It is a continuation of Anatomy and Physiology I. The structure and function of the cardiovascular, lymphatic, endocrine, respiratory, digestive, urinary and reproductive systems are studied. This course is for high school and college credit (4 college credits through Western Iowa Tech Community College).

310 CHEMISTRY

Credit: 2

Offered Yearlong

Available to Grades 11-12

Prerequisite: Science 9, Biology and 2 credits of Algebra

Chemistry is the physical science that deals with the composition and structure of matter and the chemical changes that take place. Some of the areas to be studied will include: The atom and the theory of its structure, the molecule, compounds, including acids, bases and salts, chemical bonding, classification of the elements, chemical reactions including the energy of reactions, gas laws, and the mathematics of chemistry. Recommended for students planning to attend college. *Calculator is required.*

309 NATURAL RESOURCES & ECOLOGY

Credit: 2

Offered Yearlong

Available to Grades 10-12

Prerequisite: Science 9 and Biology/Intro to Ag

Students will explore hands-on projects and activities while studying topics such as land use, water quality, stewardship, and environmental agendas. Study of the natural world including biomes, land, air, water, energy use, care as well as a focus on issues surrounding man’s interaction with the Earth will be addressed in this course. Students will select an ecosystem to study throughout the course and apply principles of natural resources and ecology from each unit of study to that ecosystem.

320 PHYSICS

Credit: 2

Offered Yearlong

Available to Grades 11-12

Prerequisite: Algebra I and Geometry + Completed 4 credits of Science

Physics deals primarily with the non-living aspects of nature. Here are some areas, which will be studied: measurements - force - motion - energy in the form of heat, light, and electricity. Recommended for students pursuing a career in science or math. *Calculator is required.*

300 SCIENCE 9

Credit: 2

Offered Yearlong

REQUIRED for Grade 9

Prerequisite: None

This physical science course presents an introduction to chemistry and physics using a hands-on conceptual learning approach. Topics will include meaning of science, measurement, scientific investigation, matter, atomic structure, chemical bonds, chemical reactions, motion, forces, energy, and engineering. Students work in cooperative learning groups doing both the lab and lecture components.

319 SCIENTIFIC RESEARCH AND DESIGN

Credit: 1

Offered When Schedule Allows

Available to Grades 11-12

Prerequisite: None

Students conceive of, design, and complete projects using scientific inquiry and experimentation methodologies. Emphasis is typically placed on safety issues, research protocols, controlling or manipulating variables, data analysis, and a coherent display of the project and its outcomes.

SOCIAL STUDIES

BEHAVIORAL SCIENCES

365 AMERICAN GOVERNMENT

Credit: 1

Offered each Semester

Available to Grades 11 and 12

REQUIRED for Graduation

Prerequisite: None

Government is designed to provide the student with an understanding of how our government is organized, how politically active people attempt to control it, and how special interest groups move within it. The course will emphasize various forms of government around the world and how the United States actively interacts with them. Students will utilize critical thinking skills to investigate topics including

Constitutional Law, The Bill of Rights, Civil Liberties, Civil Rights, Political Ideology, Comparative Governments and the Division of Powers. A couple of research projects will be included in the semester and we will also do at least one activity where we act as a governing body as a class.

374 CURRENT ISSUES

Credit: 1

Offered 1 Semester

Available to Grades 9-12

Prerequisite: None

Current Issues offers students the opportunity to study the contemporary world through current events. It is designed to be informative as well as to provide experience in reading, research, and writing. Some topics will include: environmental issues, global conflict, population issues, and human rights.

360 ECONOMICS

Credit: 1

Offered each Semester

REQUIRED for Graduation

Prerequisite: None

Economics is a semester course focused around a basic understanding of economics. Topics covered but not limited to include macro sectors, micro sectors, scarcity, supply and demand, the role of government, the role of the private sector, the stock market, the money supply, inflation, and taxation. The course will also include a financial literacy unit ran through the I Have a Plan Iowa website that teaches some basic individual financial matters from banking and loans to insurance and other activities that people come across in their day-to-day lives.

383 GEOGRAPHY

Credit: 1

Offered 1 Semester

Available to Grades 9-12

Prerequisite: None

Global Insights is a course focused on how we as American citizens look at the world. The regions covered are, Central and South America, Australia, Oceania, Antarctica, Africa, the Middle East, Eastern and Western Europe. The course will place an emphasis on the physical and human aspects of geography as well as the commonly accepted five themes of geography. Students will also learn about the current issues facing these regions. Students will develop their basic map skills, critical thinking skills, writing skills, and other general social science skills. Lectures, notes, discussions, videos and other various projects will be required over the course of the semester.

356 HISTORY THROUGH FILMS

Credit: 1

Offered 1 Semester

Available to Grades 10-12

Prerequisite: None

History through film is a semester-long course during which we will watch documentaries, historical and modern films, each dedicated to an event, person or era as it relates to History. Prior to watching the films, students will learn about the geographic and historic factors that combined to create the topic of the film. They will use primary and secondary source documents to create a framework for understanding the topic before watching the film. Students will participate in activities that require research, writing, analysis and debate skills.

355 MODERN AMERICAN HISTORY (1880-Present)

Credit: 2

Offered Yearlong

REQUIRED for Grade 9

Prerequisite: None

The primary purpose of this course is to give students an opportunity to learn about the economic, political, and social developments that shaped the United States. Some historical events covered, but not limited to include: Westward expansion, the Gilded age, Progressivism, American Imperialism, World War I, the Roaring 20's, The Great Depression and the New Deal, WWII, Cold War, Civil Rights movement, the Vietnam War, domestic change, Conservatism and the War on terror. We will look at these areas of history through a variety of methods from layered curriculum to project-based learning to lecture/note method.

357 MODERN WARFARE

Credit: 1

Offered 1 Semester

Available to Grades 10-12

Prerequisite: None

US Wars and Military Conflicts course focuses on the study of one or more wars and major military conflicts in which the United States had a significant role. This course concentrates on one of many topics related to war, including causes; US involvement; and social, political, and economic effects.

393 PSYCHOLOGY

Credit: 1

Offered 1 Semester

Available to Grades 11-12

Prerequisite: None

This course provides an overview of the study of human behavior with emphasis in the areas of biological mechanisms, development, sensation, learning and memory, motivation, theories of personality and personality disorders, therapy and social influence. The course stresses the impact of both theoretical perspectives and experimental evidence on the formulation of human behavior. Psychological theories and principles are utilized to explain and predict behavior.

394 SOCIOLOGY

Credit: 1

Offered 1 Semester

Available to Grades 11-12

Prerequisite: None

A survey of the fundamental concepts employed in the study of human social interaction with emphasis on group aspects of social behavior. Subject areas include theoretical perspectives, research methods, culture and social structure, socialization, groups and formal organizations, deviance and social control, stratification, minorities, major social institutions, and social change.

385 WORLD HISTORY

Credit: 2

Offered Yearlong

REQUIRED for Grade 10

Prerequisite: None

The primary purpose of this course is to give students an opportunity to learn about the economic, political, and social developments that created the western civilization of which they are a part. The course includes study of the Ancient Middle East and Egypt, Ancient Greece and Rome, the Middle Age and the Rise of Nation States, the Renaissance, the Reformation, the French Revolution, Imperialism, as well as topics from the Far East including Japan, China, and India. We will look at these areas of history through a variety of methods from layered curriculum to project-based learning to lecture/note method.

WORLD LANGUAGE

WORLD LANGUAGE

200 SPANISH I

Credit: 2

Offered Yearly

Available to Grades 9-12

Prerequisite: None

This is an elective course that teaches the basic structures of the Spanish language. The students learn beginning skills in order to read, write, listen, and speak Spanish. They also learn important cultural points throughout the year. The emphasis is on using Spanish in everyday conversation. This course is not designed for the native speaker.

204 SPANISH II

Credit: 2

Offered Yearly

Available to Grades 10-12

Prerequisite: Spanish I with a C- or higher

Spanish II is a continuation of first year Spanish with added emphasis on formal grammar, conversational skills, presentations and cultural information. Text and workbook activities are included. This course is not designed for the native speaker.

208 SPANISH III

Credit: 2

Offered Yearly

Available to Grades 11-12

Prerequisite: Spanish II with a C- or higher

This course is a continuation of Spanish II, which emphasizes building skills in reading, writing, listening, and speaking. Cultural points are also a part of each unit. This class is conducted by the instructor, entirely in Spanish.

210 SPANISH IV

Credit: 2

Offered Yearly

Available to Grade 12

Prerequisite: Spanish III with a C- or higher

This course is primarily a review of previously learned grammar and structure of the language. It offers a significant component of Hispanic literature as well as increased conversational and listening practice. This class is conducted by the instructor, entirely in Spanish.

COLLEGE NOW & OTHER COLLEGE DUAL CREDITS

Please note: WIT class offerings are contingent upon the number of students enrolled.

DUAL CREDIT CLASSES OFFERED BY WHS

*Classes with an * are listed above in their corresponding WHS curricular areas*

BCA 221	Integrated Computer Business Applications*
BIO 168	Anatomy & Physiology I*
BIO 173	Anatomy & Physiology II*
CSC 116	Information Computing*
CON 136	Introduction to Construction Shop
CON 204	Basic Framing Techniques
CON 209	Introduction to Drywall
CON 259	Floor Coverings and Coatings
CON 365	Advanced Drywall
CON 366	Exterior Finishing
CON 367	Interior Doors, Cabinets, and Millwork
ELE 101	Industrial Safety
HSC 109	Exploring Health Careers and Building Teams
HSC 114	Medical Terminology
HSC 173	Nurses Aide Theory
HSC 174	Nurses Aide Clinical
HSC 178	Advanced Nurse Aide
MAT 157	Statistics*
MAT 211	Calculus*
MAT 772	Applied Math*
MUS 100	Music Appreciation*
WEL 120	Oxy Fuel Welding and Cutting
WEL 147	ARC Welding Introduction (SMAW)
WEL 422	GMAW for Production
WEL 423	Intro to GMAW
WEL 425	Measuring, Layout, and Applied Weld Symbols

479 CON 136 INTRODUCTION TO CONSTRUCTION SHOP

Credit: .5

Offered Fall Semester Only

Available to Grades 11-12

Prerequisite: None

This course is a prerequisite to all credit carpentry classes and is a lecture course that serves as an introduction into Carpentry or Construction classes. Content covers personal safety, tool safety, tool maintenance, and hand and power tool identification and proper use.

473 CON 204 BASIC FRAMING TECHNIQUES

Credit: 1.5

Offered Fall Semester Only

Available to Grades 11-12

Prerequisite: CON 136

This course offers a background in woods, fasteners and materials, and introduces blueprint reading. Beginning rafter construction and roof framing and finishing is also covered. It is a combined lecture and lab course and includes hands-on experience in the framing of exterior and interior walls, doors and window openings, and interior walls.

464 CON 209 INTRODUCTION TO DRYWALL

Credit: .5

Offered Fall Semester Only

Available to Grades 11-12

Prerequisite: CON 136

This course is a combined lecture and lab course that introduces the student to the basics of hanging and taping drywall and its uses in residential construction. It also provides students the necessary knowledge and skills to insulate a structure.

470 CON 365 ADVANCED DRYWALL

Not offered 2020-2021 School Year

Credit: .5

Offered Spring Semester Only

Available to Grades 11-12

Prerequisite: CON 136 and CON 209

This is a combined lecture and lab course that further enhances students' ability to finish drywall and apply other interior wall and ceiling finishes. It provides students with the necessary knowledge and skills to finish drywall to a smooth surface and apply a variety of textures. Students will also learn alternate methods of wall and ceiling finishing such as paneling and suspended ceilings.

471 CON 366 EXTERIOR FINISHING

Credit: 1.5

Offered Spring Semester Only

Available to Grades 11-12

Prerequisite: CON 136

In this course students will study different types of material for exterior finishing such as wood, steel, aluminum, vinyl, EIFS, and brick. There will also be an in-depth look at windows and exterior doors for residential and commercial construction. Included in this class is estimating materials, plan reading and the study of deck building.

472 CON 367 INTERIOR DOORS, CABINETS, AND MILLWORK

Credit: 1

Offered Spring Semester Only

Available to Grades 11-12

Prerequisite: CON 136

This is a combined lecture and lab course in which students will learn to hang interior doors, install the trim around the doors and windows, install cabinets and special shelving, and install a complete stairway balustrade.

477 ELE 101 INDUSTRIAL SAFETY

Credit: .5

Offered Fall Semester Only

Available to Grades 11-12

Prerequisite: None (This course may need to be completed before the start of the school year)

This course covers mechanical, chemical, environmental and electrical aspects of safety. The role of OSHA in the workplace is presented. Students will become familiar with forms such as material Safety Data Sheets and will be trained in the use of (PPE) Personal protective Equipment and in other safety procedures related to materials handling and storage. Industrial hazards such as fall protection and caught-in/struck-by will be emphasized. Students will receive the OSHA 10 safety training and will be awarded an OSHA 10 card upon successfully completing this course.

538 HSC 109 EXPLORING HEALTH CAREERS AND BUILDING TEAMS

Credit: 1

Offered 1 Semester

Available to Grades 11-12

Prerequisite: Co-Requisite HSC 173 & HSC 174

Designed to provide information on career options for individuals who are interested in pursuing a career in the healthcare industry. It includes the study of team dynamics and communication techniques necessary to work and succeed in the healthcare field. Students are given opportunities for career exploration through research and projects utilizing the Internet and library databases. It also provides instruction in browsing the Internet, using e-mail, and other computer literacy tools necessary for taking online courses and for careers in the healthcare industry.

534 HSC 114 MEDICAL TERMINOLOGY

Credit: 1

Offered 1 Semester

Available to Grades 11-12

Prerequisite: Co-Requisite HSC 178

Presents medical terminology as the language of medicine. Studies spelling, pronunciation and usage, emphasis on word analysis and construction of definitions.

536 HSC 173 NURSES AIDE THEORY

Credit: 1

Offered 1 Semester

Available to Grades 11-12

Co-requisites: HSC 174 & HSC 109

Course is designed to provide the student with the fundamentals of patient care in the healthcare environment. Students will learn basic anatomy, physiology, medical terminology, meeting human needs, safety measures, infection control, and physical care.

537 HSC 174 NURSE AIDE CLINICAL

Credit: .5

Offered 1 Semester

Available to Grades 11-12

Co-requisites: HSC 173 & HSC 109

This course expands the students' knowledge of tasks, assessments and observations of patients in the healthcare environment. Students will develop technical skills specific to complex needs of the patient. This course is designed to teach the students what they need to know to pass the state CNA Certification test. It will involve working in a healthcare facility for no pay for about six hours per day for six Saturdays. This is a requirement of the class and before taking the state certification test. The student will need scrub uniforms, shoes that are white or black and impervious to liquids, and two TB tests. The student is responsible for the cost of the state certification test (around \$150.00). This course is for high school and college credit (Western Iowa Tech Community College).

455 HSC 178 ADVANCED NURSE AIDE

Credit: 1.5

Offered 1 Semester

Available to Grades 11-12

Prerequisites: HSC-173 & HSC-174, Co-requisite: HSC 114

This course is designed as an optional additional unit of instruction for nurse aides who work in long-term care. This additional material provides the learner with content emphasizing the knowledge, attitude, and skills necessary for providing patient care in the acute setting. This course is taught at the Cherokee Regional Medical Center (CRMC). A physical is required for this class.

467 WEL 120 OXY FUEL WELDING AND CUTTING

Credit: 1

Offered Spring Semester Only

Available to Grades 11-12

Prerequisite: None

In this course students will learn the fundamentals of oxy/fuel welding including the safe operation, proper setup, and welding and metal cutting skills. Topics include fusion welding and brazing on light gauge metals, cutting on heavy and light gauge metals, and welding of small diameter pipe.

468 WEL 147 ARC WELDING INTRODUCTION (SMAW)

Credit: 1

Offered Spring Semester Only

Available to Grades 11-12

Prerequisite: None

This is the first of two courses designed for students to prepare for the AWS Certification. A combined lecture and lab course, students study safety, heat settings, polarity, and the proper selection of electrodes in the arc welding process. Topics include welding on carbon steel plate using visual and destructive methods of determining weld quality to AWS Standards.

465 WEL 422 GMAW FOR PRODUCTION

Credit: 1.5

Offered Fall Semester Only

Available to Grades 11-12

Prerequisite: WEL-423 Intro to GMAW

This course combines lecture and lab activities to present the Gas Metal Arc welding (MIG) process used extensively by industry. A continuation of Intro to GMAW, WEL 423, students learn out of position welds using hands-on applications, metal transfer concepts, GMAW equipment maintenance, welding procedures, out of position welding, and safety.

466 WEL 423 INTRO TO GMAW

Credit: 1

Offered Fall Semester Only

Available to Grades 11-12

Prerequisite: Metals

This course combines lecture and lab activities to present the Gas Metal Arc Welding (MIG) process used extensively by industry. It emphasizes hands-on applications, metal transfer concepts, GMAW equipment, and safety.

469 WEL 425 MEASURING, LAYOUT, AND APPLIED WELD SYMBOLS

Credit: .5

Offered Spring Semester Only

Available to Grades 11-12

Prerequisite: None

This course combines lecture and lab activities to present basic measuring and layout tools used extensively by industry, as well as application of basic symbols. It emphasizes hands-on applications, accurate measurements techniques and proper use of tools and interpretation of basic weld symbols.

FRESHMEN

Registration Template

You can use this to help you map out your classes if you'd like. This will help you have a plan when you register.

Please make sure to look at the course prerequisites and grade level availability.

- Each class = 1 credit per semester
- You can only have 1 study hall per semester

	Fall Semester	Spring Semester
1	Math <i>(Required)</i> Pre-Algebra Algebra A Algebra 1 Geometry	Math <i>(Required)</i> Pre-Algebra Algebra A Algebra 1 Geometry
2	English I <i>(Required)</i>	English I <i>(Required)</i>
3	Modern American History <i>(Required)</i>	Modern American History <i>(Required)</i>
4	Science 9 <i>(Required)</i>	Science 9 <i>(Required)</i>
5	PE / College & Career Readiness Classes switch every other day OR Strength & Conditioning <i>(Required unless you have a full schedule)</i>	PE / College & Career Readiness Classes switch every other day OR Strength & Conditioning <i>(Required unless you have a full schedule)</i>
6	Health <i>(Required)</i>	Elective
7	Elective	Elective
8	Elective	Elective

SOPHOMORE

Registration Template

You can use this to help you map out your classes if you'd like. This will help you have a plan when you register.

Please make sure to look at the course prerequisites and grade level availability.

- Each class = 1 credit per semester
- You can only have 1 study hall per semester

	Fall Semester	Spring Semester
1	Math <i>(Required)</i>	Math <i>(Required)</i>
2	English II <i>(Required)</i>	English II <i>(Required)</i>
3	World History <i>(Required)</i>	World History <i>(Required)</i>
4	Biology <i>(Required)</i>	Biology <i>(Required)</i>
5	PE / Strength & Conditioning <i>(Required unless you have a full schedule)</i>	PE / Strength & Conditioning <i>(Required unless you have a full schedule)</i>
6	Elective	Elective
7	Elective	Elective
8	Elective	Elective

JUNIOR

Registration Template

You can use this to help you map out your classes if you'd like. This will help you have a plan when you register.

Please make sure to look at the course prerequisites and grade level availability.

- Each class = 1 credit per semester
- You can only have 1 study hall per semester

	Fall Semester	Spring Semester
1	English III <i>(Required)</i>	English III <i>(Required)</i>
2	Science Chemistry or Natural Resources & Ecology	Science Chemistry or Natural Resources & Ecology
3	Math	Math
4	PE / Strength & Conditioning <i>(Required unless you have a full schedule)</i>	PE / Strength & Conditioning <i>(Required unless you have a full schedule)</i>
5	Elective	Elective
6	Elective	Elective
7	Elective	Elective
8	Elective	Elective

Economics and Government are available to Juniors and Seniors
(1 semester each)

Seniors have priority with scheduling

SENIOR

Registration Template

You can use this to help you map out your classes if you'd like. This will help you have a plan when you register.

Please make sure to look at the course prerequisites and grade level availability.

- Each class = 1 credit per semester
- You can only have 1 study hall per semester

	Fall Semester	Spring Semester
1	English Elective (unless you've already done this credit)	Lit Elective (unless you've already done this credit)
2		
3		
4		
5		
6		
7		
8		

**Economics and Government are available to Juniors and Seniors
(1 semester each)**