



CHEROKEE
COMMUNITY SCHOOLS

HIGH SCHOOL

COURSE CATALOG

A comprehensive guide to CWS credit requirements,
available courses and class registration practices.

2024 - 2025

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EMPOWERING LEARNERS.

www.ccsd.k12.ia.us

OUR MISSION

With community involvement, we will empower learners to become contributing members in our changing world.

OUR GUIDING VALUES

- Gratitude: We provide abundant opportunities to empower students to reach their full potential academically, creatively and socially.
- Responsibility: We foster an environment that allows students, families and community stakeholders to come together for the betterment of our students' education and future.
- Integrity: We share relevant and important information with our students, families and the community to maintain open and productive communication.
- Perseverance: We will face our problems head on, learn from our mistakes and commit to never giving up. Instead, we will look for new solutions and try new approaches to our problem solving.

NOTICE OF NON-DISCRIMINATION

The Cherokee Community School District offers career and technical programs in the following service areas: Business Education, Health Occupations Education, Family and Consumer Sciences Education, and Industrial Education. It is the policy of Cherokee Community School District not to discriminate on the basis of race, color, national origin, creed, socioeconomic status, religion, sex, marital status, age, sexual orientation, gender identity, or disability in educational programs or employment.

There is a grievance procedure for processing complaints of discrimination. If you have questions or a grievance related to this policy, please contact:

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WELCOME STUDENTS!

The Cherokee County School District takes great pride in being able to offer students a wide variety of challenging academic courses at Washington High School. The Course Catalog provides information about graduation requirements, course offerings, college requirements, career cluster possibilities, academic opportunities, and various grading issues.

As students plan for life during and after high school, it is crucial that they select appropriate and challenging courses. Each student should review and discuss the different course offerings with their current teachers, counselor, academic advisor, and representatives from colleges they may consider attending. Utilize the “Four Year Schedule Map” and “College & Career Readiness Survey(s)” that you’ve made with the Academic Advisor to guide your course choices.

We encourage all students to give careful thought to their course elections. Make sure to choose alternative options as well, as classes can fill up quickly.

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GRADUATION REQUIREMENTS

To be eligible to receive a diploma from Washington High School, a student must complete the 49 credit requirements shown to the right.

- Each credit is one semester of 90 days for 5 day/week courses.
- All students must demonstrate mastery of cardio-pulmonary resuscitation (CPR) as required by the State of Iowa.
- **All students must be enrolled in a minimum of 7 credits per semester. Any class that the school pays for will be included in the student's GPA.**
- WHS requires eight semesters of attendance unless early graduation is applied for and granted according to the School Board's policy for early graduation.
- Students taking WITCC courses will receive 1 credit per semester of coursework.

Department	Required Courses	Credits
English	Core English	6
	English Electives	2
Math	Core Math	6
Science	Science 9	2
	Biology	2
	Science Electives	2
Social Studies	Modern American History	2
	World History	2
	Elective	1
	Government	1
Wellness	Health + CPR	1
	Physical Education	4
Miscellaneous	Financial Planning	1
	Electives	17

TOTAL 49

EARLY GRADUATION

Cherokee Washington High School provides for graduation after seven semesters if the student has earned the appropriate credits. Students interested in this option should pick up a copy of the policies and procedures governing early graduation during their junior year from their counselor. Students need to have all paperwork, including a letter of request for early graduation, completed and turned into the counselor by November 1st of their senior year. The school board must approve a request for early graduation. Early graduates will be considered alumni of the school after completion of the 1st semester and will still be able to participate in Awards Night and Commencement. However, Early Graduates may only attend Prom if asked by a currently enrolled high school student.

We urge parents and students to analyze and discuss the advantages and disadvantages of early graduation and arrive at a mutually acceptable post graduation plan before making a final decision. School personnel will gladly serve

as a resource for responding to questions, providing information, and assisting in discussing concerns. The parents and students must assume the ultimate responsibility for this educational decision.

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.

SCHEDULE CHANGE REQUESTS

COURSE AVAILABILITY

Attempts will be made to offer all courses described in this Course Catalog. However, low enrollment courses may be canceled or may be scheduled only in alternate semesters or years. In those cases, students will be notified and meet with the counseling department individually to select alternative courses.

DROPPING/ADDING CWHS COURSES

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 4th week of school; if they are passing the class they are dropping they will receive a withdraw; 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 counselor and principal when deemed appropriate through the 10th week of school (Students will receive a withdraw 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.

SCHEDULE CHANGES

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 or preference.

Schedule change forms, found in the counselor's office, must be completed and approved before the drop is official. A sample form is included on the following page.

ADD / DROP FORM

Schedule Change Request

Student Name:

Student ID Number:

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

	Failure in a required course attempted a previous semester		Approved level changes by teacher and counselor
	Special education placement		Significant change in college or career planning
	Seniors who need courses for graduation		Required course not on schedule
	Failure to have necessary prerequisite for a course		Student already has credit in the scheduled class
	Newly registered student-no previous schedule		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

1. Student Signature: _____

2. Parent Signature: _____

_____Request Approved

_____Request Denied

Cherokee High School Graduation Requirements

ENGLISH 8 credits required	SCIENCE 6 credits required	SOCIAL STUDIES 6 credits required	MATH 6 credits required
Must complete all the following	Must complete all of the following	Must complete all of the following	Need to complete 6 credits with any combination of the following
English 1 * English 2 * English 3 *	Earth & Physical Science * Biology *	American History * World History * Government	Transitional Math 1 * Transitional Math 2 * Transitional Math 3 * Algebra 1 * Geometry * Algebra 2 * Pre-Calculus * Consumer Math *
English Electives (2 credits required; 1 literature and 1 language)	Science Electives (must complete 2 credits with any combination of the following)	Social Studies Electives (must complete 1 credit with any of the following)	
Films as Literature College Prep Literature Career & Technical Writing College Prep Writing Communications Contemporary Literature Creative Writing Mythology Oral Interpretation & Acting Publications *	Environmental Science Forensic Science Introductory Biology (WIT BIO 105) Natural Resources & Ecology * Oceanography Scientific Research & Design AP Biology * Chemistry * Advanced Chemistry Physics * Human Anatomy & Physiology 1 (WIT BIO 168) Human Anatomy & Physiology 2 (WIT BIO 173)	Psychology Sociology History Through Films Vietnam War in Depth Economics	Applied Math (WIT MAT 772) Calculus Calculus (WIT MAT 211) Statistics (WIT MAT 157) College Algebra (WIT MAT 121) <small>(Math sequence will vary according to entry level math course taken)</small>
ALL GRADUATES MUST HAVE: <ul style="list-style-type: none"> ● 1 credit of Health (including CPR training) ● 1 credit of Financial Planning (must be completed during 12th grade year) ● 4 credits of Physical Education (NOT total. 1 credit per academic year) ● 1 credit from either the Career Tech or Fine Arts departments 			

* Denotes a yearlong course and will give 2 credits on student transcripts

HIGH SCHOOL COURSE MAP

Four Year Course Map: Fill in the courses you will take each year to complete all credit requirements.

Core Electives: Science electives, Social Studies electives and English electives may be completed at any time throughout the four years. Not all students will complete them in the order shown below.

Electives: Students must complete 14.5 elective credits to be eligible to graduate. They can be completed at any point throughout the 8 semesters. Students MUST take 7 class credits each semester to be enrolled full time.

Health/CPR: Students typically complete the Health and CPR requirements during their Freshman year. However some students may not be able to fit it in their schedule. It MUST be completed by the time you graduate.

Grade 9 Semester 1	Grade 9 Semester 2	Grade 10 Semester 1	Grade 10 Semester 2
English 1	English 1	English 2	English 2
Math	Math	Math	Math
Science 9	Science 9	Biology	Biology
Modern American History	Modern American History	World History	World History
PE	PE	PE	PE
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective

** Health I and CPR is required

Grade 11 Semester 1	Grade 11 Semester 2	Grade 12 Semester 1	Grade 12 Semester 2
English 3	English 3	Lit Elective	Lang Elective
Math	Math	PE	PE
Science Elective	Science Elective	Government or Financial Planning	Government or Financial Planning
PE	PE	Elective	Elective
Social Studies Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective

** Financial Planning and Government are required

GRADING & RECOGNITION

GRADING SYSTEM

Grading is part of the way we communicate about students' learning. Grades need to be meaningful and communicate useful information, consistent and based on performance standards, and support learning.

LETTER GRADES

A = Excellent

B = Very Good

C = Average

D = Below Average

F = No Credit

P = Pass

I = Incomplete

W = Withdrawal, no credit

N = Audit, no credit

GRADING SCALE

A	100 - 93
A-	92 - 90
B+	89 - 87
B	86 - 83
B-	82 - 80
C+	79 - 77
C	76 - 73
C-	72 - 70
D+	69 - 67
D	66 - 63
D-	62 - 60
F	Below 60%

GRADE POINT AVERAGE

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

A	4.0
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-	0.67

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.

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.

COLLEGE ADMISSIONS REQUIREMENTS

Minimum Requirements for Admission

	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
Math	3 years (e)	3 years (e)	3 years (f)	3 years	4 years (g)
Natural 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) Requirement 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 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 I
Contemporary Literature	Algebra 1B	Biology	Current Issues	Spanish II
Creative Writing	Algebra 2	Chemistry	Economics	Spanish III
College Prep Writing	Geometry	Human Anatomy & Physiology I and II	Modern American History	Spanish IV
World Literature	Pre-Calculus	Physics	Psychology	
Oral Interpretation/ Acting	Calculus	AP Biology	Sociology	
Novels	Calculus I (MAT 211)	Advanced Chemistry	World History	
Mythology	Statistics (MAT 157)			
English I, II, 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
College Prep Writing	Economics	Algebra A (.5 units max)	Biology	Spanish III
English I, II, III	Intro to Psychology	Algebra B (.5 units max)	AP Biology	Spanish IV
Films as Literature	Modern American History	Calculus	Chemistry	
Mythology	Sociology	Geometry	Advanced Chemistry	
Novels	World History II	Pre-Calculus	Physics	
World Literature		College Calculus	Science 9	

[NCAA Eligibility Center Brochure](#)

CAREER EXPLORATION

CAREER CLUSTERS

Today's world is made up of endless career possibilities with new careers fields constantly being created.

Our goal at WHS is to help you explore these career possibilities, align them with your interests and skills, and start you down your individual path to success.

As a district, we align our career exploration program with the Future Ready Iowa initiative. That means we start with a broad view of career options and provide you with the tools and resources to go deeper as your interest grows.

At the highest level, that starts with looking at **Career Service Areas** - an organizational structure used by the Iowa Department of Education to visualize careers.

SERVICE AREAS

- Agriculture, Food, and Natural Resources
- Applied Science, Technology, Engineering and Manufacturing
- Business, Finance, Marketing and Management
- Health Sciences
- Human Services
- Information Solutions

So, where do you begin? After you identify a general service area or areas that you may have interest in, a good place to start is by checking out the **Career Clusters** on the following pages.


Career clusters are a great tool for organizing career areas and help give you a guide for the things to consider when planning your future.

In each career cluster that follows, you will find:


- A brief descriptions of the cluster
- The career pathways and specific occupations within the cluster
- The type of post secondary education required for a sampling of career categories
- Recommended coursework to take in high school to be prepared for post-secondary education

CAREER CLUSTERS BY SERVICE AREA

AGRICULTURE, FOOD AND NATURAL RESOURCES

 Agriculture, Food and Natural Resources

APPLIED SCIENCES, TECHNOLOGY, ENGINEERING, AND MANUFACTURING


 Architecture and Construction

 Manufacturing

 Science, Technology, Engineering, and Mathematics

 Transportation, Distribution, and Logistics


BUSINESS, FINANCE, MARKETING, AND MANAGEMENT

 Business Management and Administration

 Finance

 Marketing

HEALTH SCIENCES

 Health Science


HUMAN SERVICES

 Education and Training

 Human Services

 Hospitality and Tourism

 Government and Public Administration

 Law, Public Safety, Corrections, and Security

INFORMATION SOLUTIONS

 Arts, Audio/Video Technology, and Communications

 Information Technology

For more detailed information about career clusters, opportunities, and pathways, see the School Counselor

COURSE OFFERINGS

Science	Advanced Chemistry (Fall only) AP Biology Biology Earth & Physical Science Chemistry Environmental Science Forensic Science Human Anatomy & Physiology I (Fall only) Human Anatomy & Physiology II (Spring only) Introductory Biology Natural Resources & Ecology Oceanography Physics Scientific Research & Design (Spring only)	Mathematics	Algebra I Algebra II Applied Math Calculus (Fall only) College Algebra Consumer Math (Fall only) Geometry Transitional Math I Transitional Math II Transitional Math III Pre-Algebra Pre-Calculus Statistics (Fall only)
Art	Art Fundamentals Ceramics 1 and 2 Drawing Painting 1 and 2 Graphic Design Senior Art Studio	Music	Band Introduction to Piano Marching Band Vocal Music (Choir)
Business	Brave Designs - Business CAPS Extended Career Opportunities Introduction to Business Work Based Learning	Physical Education	Health I Health II (Spring only) Coaching Ethics, Techniques & Theory Athletic Development & Human Growth Body Structure & Function Athletic Injury Prevention Physical Education Strength & Conditioning Outdoor Physical Education
Computer Science	Coding (Spring only) Introduction to Computer Science (Fall only) Robotics 3D Computer Design	Agriculture	Introduction to Agriculture Ag Business Ag Leadership Animal Science Plant Science
English	Career and Technical Writing (Fall only) College Prep Literature College Prep Writing Communications (Spring only) Contemporary Literature Creative Writing (Spring only) English 1 English 2 English 3 Films as Literature Mythology Oral Interpretation and Acting (Fall only) Publications	Social Studies	Government History Through Films Modern American History Psychology Sociology (Spring only) Vietnam War in Depth (Fall only) World History
Family & Consumer Science	Brave Designs - FCS Culinary 1 Culinary 2 (Fall only) Fashion Design (Spring odd years) Housing Design (Spring even years) Human Growth (Spring even years) Interpersonal Relationships (Spring odd years) Introduction to FCS	World Language	Spanish I Spanish II Spanish III
Financial Literacy	Accounting I Accounting II Financial Planning Introduction to Accounting (Spring only)	Industrial Technology	Brave Designs- IT Drafting Introduction to Construction Metal Working Woods I Woods II

COURSE DESCRIPTIONS

ENGLISH

Core English

8 credits are required for graduation from Cherokee Community School District. Credits earned beyond the requirement are automatically counted as Electives.

<p>English 1 (151) Credits: 2 Yearlong Course REQUIRED for Grade 9 Prerequisite: none</p>	<p>This is a required one-year English course that includes the coverage of skills such as reading literature, writing various genres, note taking strategies, grammar and structural language building skills, and vocabulary acquisition. Students will consider varying perspectives/ themes through a variety of literature and written work. Daily skill builders are required.</p>
<p>English 2 (153) Credits: 2 Yearlong Course REQUIRED for Grade 10 Prerequisite: English 1</p>	<p>In this required year long English class, students will encounter a variety of literature, writing, and film. Students study vocabulary as well as the following forms of literature: short stories, poetry, novels, non-fiction pieces, and plays. Students will also study and produce several forms of writing, including a short story, letters, and a research paper. Daily skill builders focus on proper language usage and writing.</p>
<p>English 3 (157) Credits: 2 Yearlong Course REQUIRED for Grade 11 Prerequisite: English 2</p>	<p>This course will focus on writing, speaking, and American Literature. Students will be writing in a variety of formats, essays, manuscripts, short stories, and poetry. Students will also be learning the art of effective rhetoric through formal and informal speeches. The literature will focus on the genres of poetry, plays, novels, essays, journals, speeches and short stories.</p>
<h3>Literature Electives</h3>	
<p>Mythology (150) Credits: 1 Semester Course Open to grades 10 - 12 Prerequisite: None</p>	<p>Myths are traditional stories that have endured over a long time. This course will focus on the myths of ancient Greece as a way of exploring the nature of myth and the function it plays for individuals, societies, and nations. We will also pay some attention to the way the Greeks themselves understood their own myths. This course will investigate myths through a variety of topics, including the creation of the universe, the relationship between gods and mortals, human nature, the family, love, madness, and death.</p>
<p>Contemporary Lit (152) Credits: 1 Semester Course Open to grades 10 - 12 Prerequisite: None</p>	<p>This is an elective course. Students will read contemporary or modern novels, poetry, and short stories that address social justice issues and that are written after 1945. This class will address the features of modern literature and expose students to cultures and perspectives from around the world. This class will be assessed through reflective writing practice and through class discussions.</p>
<p>Films as Lit (158) Credits: 1 Semester Course Open to grades 11 - 12 Prerequisite: None</p>	<p>Films as Literature is a one-semester elective course. This course is a course designed to examine a film as a piece of literature, and for its cinematic qualities. Students will study various film genres. This class has strong emphasis on 21st century critical thinking skills. Students will be expected to write, film, edit, and produce their own short films. This course will teach students how to use the editing tool in iMovie. Other film projects that will be produced include a PSA, Music Video, etc.</p>
<p>College Prep Lit (159) Credits: 1 Semester Course</p>	<p>This is a course designed to help students prepare for college literature. Students will be exposed to various literature such as narrative poetry and prose, dramas, and novels. Students will learn skills that will help them read</p>

<p>Open to grades 10 - 12 Prerequisite: English 1</p>	<p>and write about complex text in a fun-filled and supportive environment. Students will also be exploring literature from different cultures and will be discussing cultural awareness. This course is offered in both the first and second semesters. The semesters are not identical, so a student could take the course all year for 2 credits or they could take the course in the first or second semester for 1 credit.</p>
<p>Language Electives</p>	
<p>Creative Writing (186) Credits: 1 Semester Course (Spring) Open to grades 11 - 12 Prerequisite: None</p>	<p>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. Students 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. They will send manuscripts to contests for possible publication.</p>
<p>Oral Interpretation & Acting (174) Credits: 1 Semester Course (Fall) Open to grades 10 - 12 Prerequisite: None</p>	<p>This elective course is an introductory course to the stage. This course is designed to help the student feel more comfortable speaking in a variety of public settings. This course will cover improvisation, lip sync participation, Readers Theatre, mime, speech writing and delivery, and combat mime. Activities will include class and public performances. You must participate in order to earn a passing grade.</p>
<p>College Prep. Writing (184) Credits: 1 Semester Course Open to grades 11 - 12 Prerequisite: None</p>	<p>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.</p>
<p>Publications (188) Credits: 2 Yearlong Course Open to grades 11 - 12 Prerequisite: Teacher approval</p>	<p>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, organization and deadlines. The students will focus on their writing skills, editing stories, headlines, captions and the basics of production design, layout and printing of a publication. Students will work with several types of technology (digital cameras and 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.</p>
<p>Career & Technical Writing (192) Credits: 1 Semester Course (Fall) Open to grades 11 - 12 Prerequisite: None</p>	<p>This introductory course will teach students to communicate in a clear, courteous, concise, complete and correct manner on both personal and professional levels. Competency will be developed in oral, written, interpersonal, technological, and employment communication. Listening skills will be incorporated throughout the semester. 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.</p>
<p>Communications (160) Credits: 1 Semester Course (Spring)</p>	<p>This is a course designed to help students enhance their communicative skills. This elective course will help students learn interview skills, media skills, and delivering speeches. A variety of projects in the class will include:</p>

Open to grades 9 - 12 Prerequisite: None	creating commercials, radio broadcasting/podcast, spontaneous speaking, demonstrative speaking.
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MATHEMATICS

6 credits are required for graduation from Cherokee Community School District.
Credits earned beyond the requirement are automatically counted as Electives.

Math Track 1

Transitional Math 1 (266) Credits: 2 Yearlong Course Open to grades 9 - 12 Prerequisite: none	This is an integrated course of algebra and geometry. Algebra topics include: equations, inequalities, linear functions, and solving systems of linear equations. Geometry topics include basics of geometry, parallel and perpendicular lines and transformations.
Transitional Math 2 (254) Credits: 2 Yearlong Course Open to grades 10 - 12 Prerequisite: Transitional Math 1	This is a continuation from Integrated Math I, including algebra and geometry. Algebra Topics include Lines of Fit, Arithmetic and Geometric Sequences, Piecewise Functions, Exponential Functions, Polynomials, Factoring, Data Analysis and Displays. Geometry topics Congruent triangles, Relationships with Triangles, Quadratics and Other Polynomials, and Similarity.
Transitional Math 3 (157) Credits: 2 Yearlong Course Open to grades 10 - 12 Prerequisite: Transitional Math 2	This is a continuation from Integrated Math II, including topics from algebra and geometry. Algebra topics include Factoring, Solving Quadratic Equations and Solving Radical Functions and Equations. Geometry topics include Probability, Right Triangles and Trigonometry, and Circumference, Area and Volumes.

Math Track 2

Algebra 1 (260) Credits: 2 Yearlong Course Open 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.
Geometry (265) Credits: 2 Yearlong Course Open to grades 9 - 12 Prerequisite: Algebra 1	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 analysis, 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.
Algebra 2 (265) Credits: 2 Yearlong Course Open to grades 10 - 12	Algebra II is a course intended to follow Algebra I and Geometry. It builds <u>heavily</u> 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,

<p>Prerequisite: Algebra 1 and Geometry</p>	<p>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.</p>
<p>Additional Math Courses</p>	
<p>Consumer Math (275) Credits: 1 Semester Course (Fall) Open to grades 12 Prerequisite: 2 full years of Math</p>	<p>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.</p>
<p>Pre-Calculus (280) Credits: 2 Yearlong Course Open to grades 11 - 12 Prerequisite: Algebra 2</p>	<p>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, trigonometric, & circular functions, and their relations, inverses and graphs; trigonometric identities and equations; solution of right and oblique triangles; vectors, sequences, & series.</p>
<p>Calculus (284) Credits: 1 Semester Course (Fall) Open to grades 12 Prerequisite: Pre-calculus and qualifying score on ALEKS or ACT exam.</p>	<p>This is an elective math course intended to follow Algebra 2. 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 analysis, 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.</p>
<p>Applied Math (568) WITCC MAT 772 Credits: 1 Semester (Spring) Open to grades 11 - 12 Prerequisite: Algebra 1</p>	<p>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.</p>
<p>College Calculus (285) WITCC MAT 211 Credits: 1 Semester (Spring) Open to grades 11 - 12 Prerequisite: Pre-calculus, Calculus and ACT Math subscore of 26 or higher, or a 65 cut score on the ALEKS test.</p>	<p>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.</p>
<p>Statistics (263) WITCC MAT 157 Credits: 1 Semester (Fall) Open to grades 11 - 12 Prerequisite: ACT Math</p>	<p>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.</p>

subscore of 22 or higher, or a 30 cut score on the ALEKS test.

SCIENCE

6 credits are required for graduation from Cherokee Community School District.
Credits earned beyond the requirement are automatically counted as Electives.

Core Science

Earth & Physical Science
(300)

Credits: 2
Yearlong Course
REQUIRED for Grade 9
Prerequisite: none

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

Biology (305)

Credits: 2
Yearlong Course
REQUIRED for Grade 10
Prerequisite: Earth & Physical Science

Biology is the study of living things. Topics studied include: scientific method, basic biochemistry, molecular and cellular biology, ecology, genetics and biotechnology, evolution, and a survey of the plant and animal kingdoms.

Science Electives

Natural Resources & Ecology (309)

Credits: 2
Yearlong Course
Open to Grades 9 - 12
Prerequisite: none

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, and care. 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.

Chemistry (310)

Credits: 2
Yearlong Course
Open to Grades 11 - 12
Prerequisite: Biology and 2 credits of Algebra

Chemistry is a college preparatory 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.

Advanced Chemistry
(315)

Credits: 1
Semester Course (Fall)
Open to Grades 12
Prerequisite: 2 Credits of Chemistry

This college preparatory 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.

Introductory Biology
(316)

WITCC BIO 105

This is a dual-credit combined lecture and lab course that is a survey of biological concepts for non-science college majors. Topics covered include

<p>Credits: 1 Semester Course Open to Grades 11 - 12 Prerequisite: Earth & Physical Science and Biology</p>	<p>biochemistry, molecular and cellular biology, genetics, evolution, plant and animal classification, and ecology.</p>
<p>AP Biology (330) Credits: 2 Yearlong Course Open to Grade 12 Prerequisite: Biology (Chemistry recommended)</p>	<p>This college preparatory 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.</p>
<p>Anatomy & Physiology 1 (530) WITCC BIO 168 Credits: 1 Semester Course (Fall) Open to Grades 11 - 12 Prerequisite: 1) Score 22 or higher on ACT 2) 2 semesters of High School Chemistry with a B- or better or 1 semester of High School Chemistry with a B- or better 3) Completion with a C- or better in a transfer level Biology or Chemistry. Co-Requisite: BIO 174</p>	<p>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).</p>
<p>Anatomy & Physiology 2 (531) WITCC BIO 173 Credits: 1 Semester Course (Spring) Open to Grades 11 - 12 Prerequisite: BIO 168</p>	<p>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).</p>
<p>Environmental Science (313) Credits: 1 Semester Course (Spring) Open to Grades 11 - 12 Prerequisite: Biology</p>	<p>Students can expect hands-on student-led projects looking at energy and natural resources, natural disasters, and consumer influence. We will examine the causes, effects, and possible solutions between humans and their ever-changing interaction with the environment. We will explore local, state, national, and global issues relating to the environment using field-collected data and current events.</p>
<p>Oceanography (313) Credits: 1 Semester Course (Fall) Open to Grades 11 - 12 Prerequisite: Biology</p>	<p>Oceanography is the study of the physical, chemical, biological, and geologic aspects of the world's oceans and their interactions. The course also focuses on ocean exploration/history, ocean policies with regards to fishing, pollution, and the environment, and why the study of oceanography is important to you.</p>

<p>Physics (320) Credits: 2 Yearlong Course Open to Grades 11 - 12 Prerequisite: Geometry and 4 credits of Science</p>	<p>Physics is a college preparatory course that deals primarily with the non-living aspects of nature. Here are some areas which will be studied: measurements- buoyancy - force - motion - energy in the form of heat, light, and electricity. Recommended for students pursuing a career in science or math. <i>Calculator is required.</i></p>
<p>Forensic Science (314) Credits: 1 Semester Course (Spring) Open to Grades 11 - 12 Prerequisite: Biology</p>	<p>Forensic Science is the application of science to the criminal and civil laws that are enforced by police agencies in a criminal justice system. It includes the investigation of fingerprinting, fiber analysis, arson, trace evidence analysis, poisons, drugs, blood spatters, and blood samples. Students are taught the proper collection, preservation, and laboratory analysis of various samples.</p>
<p>Scientific Research & Design (319) Credits: 1 Semester Course (Spring) Open to Grades 11 - 12 Prerequisite: none</p>	<p>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. This is NOT a math-based engineering class. The emphasis is on hands-on learning and project building.</p>

SOCIAL STUDIES

6 credits are required for graduation from Cherokee Community School District.
Credits earned beyond the requirement are automatically counted as Electives.

Core Social Studies

<p>Modern American History (355) Credits: 2 Yearlong Course REQUIRED for Grade 9 Prerequisite: none</p>	<p>Students will cover the following historical events: Progressivism, the Spanish-American War, World War I, the Roaring 20's, The Great Depression and the New Deal, WWII, the Korean War, War and Peace in a Nuclear Age, the Age of Space, the Civil Rights Movement, and the Vietnam War.</p>
<p>World History (385) Credits: 2 Yearlong Course REQUIRED for Grade 10 Prerequisite: none</p>	<p>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.</p>
<p>Government (365) Credits: 1 Semester Course REQUIRED for Grade 12 Prerequisite: none</p>	<p>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.</p>

Social Studies Electives

<p>History Through Films (356) Credits: 1 Semester Course Open to grades 10 - 12 Prerequisite: none</p>	<p>History Through Films is a semester-long class where students will watch historical films, each dedicated to an event, person, or era of history. Prior to watching the films, students will learn about the geographic and historic factors that combined to create the historical topic of the film. They will use maps, and primary and secondary source documents, to create a framework for understanding the area and time period before watching the film. After watching the film, students will participate in activities that require research, writing, and presentation skills to evaluate the film in comparison to actual events.</p>
<p>Psychology (393) Credits: 1 Semester Course Open to grades 11 - 12 Prerequisite: none</p>	<p>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, 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.</p>
<p>Sociology (394) Credits: 1 Semester Course Open to grades 11 - 12 Prerequisite: none</p>	<p>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 research methods, culture and social structure, socialization, groups and formal organizations, deviance and social control, stratification, minorities, major social institutions, and social change.</p>
<p>Vietnam War in Depth (386) Credits: 1 Semester Course Open to grades 10 - 12 Prerequisite: none</p>	<p>This course will examine the history of the Vietnam War. It will provide the student with the historical background that set the stage for the conflict, the events that led directly to the war, the major issues involved at home and abroad, and an overview of the major battles. Further, this course will also cover the non-military aspects of the war, such as the changing political climate in the United States during the late 1960s, that had a profound impact on the outcome of the struggle. We will also look at how the impact of this war is still felt today, in the United States and throughout the world.</p>

PHYSICAL HEALTH & WELLNESS

<p>4 credits of Physical Education are required for graduation from Cherokee Community School District. This does not mean 4 credits total, it means 1 credit per academic year. Health 1 and CPR training are also required. Credits earned beyond the requirement are automatically counted as Electives.</p>	
<p>Health 1 (132) Credits: 1 Semester Course REQUIRED for Grade 9 - 12 Prerequisite: none</p>	<p>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.</p>
<p>Health 2 (136) Credits: 1 Semester Course (Spring) Open to Grades 10 - 12 Prerequisite: Health 1</p>	<p>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.</p>
<p>Physical Education (135) Credits: 0.5 or 1</p>	<p>Physical Education classes are designed to practice and develop skills in activities that will help students maintain fitness throughout their life.</p>

<p>Semester Course Open to grades 9 - 12 Prerequisite: none</p>	<p>Students will understand the benefits that regular exercise can provide for a person's mental, physical, and social health. This is a class that combines traditional P.E. units with an introduction to lifting.</p>
<p>Outdoor Physical Education (133) Credits: 1 Semester Course Open to grades 9 - 12 Prerequisite: none</p>	
<p>Strength & Conditioning (146) Credits: 1 Semester Course Open to grades 9 - 12 Prerequisite: none</p>	<p>This course will give students the tools and resources needed to be physically fit and healthy for a lifetime. The variety of exercises, techniques and equipment used will allow students to experience many different ways to exercise which will likely lead to them finding exercises they enjoy and want to continue performing after completing the course. Students will also learn how to create their own Health and Fitness plans that work towards specific health, fitness and career goals.</p>
<p>Coaching Ethics, Techniques, and Theory (140) WITCC PEC 110 Credits: 0.5 Semester Course (Fall) Open to grades 11 - 12 Prerequisite: none Co-Requisite: PEC 115</p>	<p>This course studies the theory and techniques of coaching the interscholastic athlete and the interscholastic team, as well as the related responsibilities, duties and problems. This is one of four courses leading to the coaching authorization issued by the Iowa Department of Education as a head coach or assistant coach of any interscholastic athletic activity.</p>
<p>Athletic Development and Human Growth (141) WITCC PEC 115 Credits: 0.5 Semester Course (Fall) Open to grades 11 - 12 Prerequisite: none Co-Requisite: PEC 110</p>	<p>This course introduces concepts in sports psychology for elementary school age children and adolescents. Physical, psychological and social growth is examined as they relate to physical activity and competitive athletics. This is one of four courses leading to the coaching authorization issued by the Iowa Department of Education as a head coach or assistant coach of any interscholastic athletic activity.</p>
<p>Body Structure and Function (142) WITCC PEC 120 Credits: 0.5 Semester Course (Spring) Open to grades 11 - 12 Prerequisite: none Co-Requisite: PEC 126</p>	<p>This course is an introduction to the physiological processes and anatomical features of the human body which are related to and affected by physical activity and training. This is one of four courses leading to the coaching authorization issued by the Iowa Department of Education as a head coach or assistant coach of any interscholastic athletic activity.</p>
<p>Athletic Injury and Prevention (143) WITCC PEC 126 Credits: 0.5 Semester Course (Spring) Open to grades 11 - 12 Prerequisite: none Co-Requisite: PEC 120</p>	<p>This course introduces conditioning programs and training methods that tend to prevent athletic injuries. This course provides basic skills in injury procedures, while providing practical experience in taping techniques. This is one of four courses leading to the coaching authorization issued by the Iowa Department of Education as a head coach or assistant coach of any interscholastic athletic activity.</p>

WORLD LANGUAGE

Credits earned for Spanish classes will be counted as Electives.

<p>Spanish 1 (200) Credits: 2 Yearlong Course Open to grades 9 - 12 Prerequisite: none</p>	<p>This is an elective course that teaches the basic structures of the Spanish language. The students learn foundational skills to read, write, listen, and speak Spanish as well as learn important cultural points throughout the year. The emphasis is on using Spanish in everyday situations. This course is not designed for the native speaker.</p>
<p>Spanish 2 (204) Credits: 2 Yearlong Course Open to Grades 10 - 12 Prerequisite: Spanish 1</p>	<p>Spanish II is a continuation of first year Spanish with added emphasis on formal grammar, conversational skills, writing, listening, presentations and cultural information. Text and workbook activities are included. This course is not designed for the native speaker.</p>
<p>Spanish 3 (209) Credits: 2 Yearlong Course Open to Grades 11 - 12 Prerequisite: Spanish 2</p>	<p>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 primarily in Spanish.</p>

CAREER & TECHNICAL EDUCATION

Financial Planning is required for graduation and will be taken in grade 12.

Credits earned in this category are automatically counted as Electives.

Agriculture

Please note that changes are to be expected as this department is in transition.

<p>Intro to Agriculture 1 (301) Credits: 1 Semester Course Prerequisite: none</p>	<p>Students' experiences will involve the study of communication, FFA, SAE, agriculture, scientific process, natural resources. 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.</p>
<p>Intro to Agriculture 2 (325) Credits: 1 Semester Course Prerequisite: Intro to Agriculture 1</p>	<p>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.</p>
<p>Animal Science 1 (308) Credits: 1</p>	

Semester Course Prerequisite:	
Animal Science 2	
Plant Science 1	
Plant Science 2	
Ag Business	
Ag Leadership	
Principles of Agronomy WITCC AGA 114	
Survey of the Animal Industry WITCC AGS 113	
Business & Finance	
Introduction to Business (400) Credits: 1 Semester Course Open 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.
Accounting 1 (420) Credits: 2 Yearlong Course Open 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.
Accounting 2 (425) Credits: 1 Semester Course (Fall) Open to Grades 11 - 12 Prerequisite: Accounting 1	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.)
College Accounting (409) WITCC ACC 111 Credits: 1 Semester Course (Spring) Open to Grades 11 - 12 Prerequisite: Accounting 1	This course is designed to teach the key concepts and skills required to record a variety of accounting entries for both a service and merchandising business, to prepare financial statements, to record payroll entries, to prepare payroll records and to utilize good cash management skills. These skills learned will prepare students for direct job entry as small business owners and entrepreneurs. These accounting concepts are applied to a variety of companies.

<p>Business Law (405) Credits: 1 Semester Course Open to Grades 10 - 12 Prerequisite: None</p>	<p>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.</p>
<p>Entrepreneurism (410) Credits: 1 Semester Course Open to Grades 11 - 12 Prerequisite: Intro to Business</p>	<p>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 may create and run a business during this class.</p>
<p>Financial Planning (268) Credits: 1 Semester Course REQUIRED for grade 12 Prerequisite: none</p>	<p>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, budgeting, saving, and investing.</p>
<p>Computer Science</p>	
<p>Intro to Computer Science (435) Credits: 1 Semester Course (Fall) Open to grades 9 - 12 Prerequisite: none</p>	<p>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.</p>
<p>Coding (252) Credits: 1 Semester Course (Spring) Open to grades 9 - 12 Prerequisite: Algebra 1 or Transitional Math 2</p>	<p>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.</p>
<p>Computer Applications (431) Credits: 1 Semester Course Open to grades 9 - 12 Prerequisite: none</p>	<p>Computer Applications provides an introduction to software applications that prepares students to succeed in the workplace and beyond. Students will develop an understanding of professional communications and leadership skills while gaining proficiency with word processing, email, and presentation management software.</p>
<p>3D Computer Design (108) Credits: 1 Semester Course Open to grades 9 - 12, limit 10 students Prerequisite: Art Fundamentals</p>	<p>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.</p>

<p>Robotics (433) Credits: 1 Semester Course Open to grades 9 - 12 Prerequisite: Coding or Teaching Permission</p>	<p>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.</p>
<p>Family and Consumer Science</p>	
<p>Introduction to FCS (458) Credits: 1 Semester Course Open to grades 9 - 12 Prerequisite: none</p>	<p>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) Basic Finance Management, Laundry, Personal Relationships, Culinary Skills, Basic Nutrition, and careers in the family and consumer sciences.</p>
<p>Culinary 1 (441) Credits: 1 Semester Course Open to grades 9 - 12 Prerequisite: Intro to FCS</p>	<p>This course will help students build an understanding of the fundamentals of foods and nutrition. Students will learn about the various food groups and types of food. A major emphasis will be placed on nutrition and food safety. Students will have multiple opportunities to apply knowledge in the kitchen lab. Students will have the opportunity to earn their ServeSafe Food Handler Certification.</p>
<p>Culinary 2 (441) Credits: 1 Semester Course (Fall) Open to grades 10 - 12 Prerequisite: Culinary 1</p>	<p>This course is a continuation of Culinary 1. Students will explore topics such as food preservation, protein sources and preparation, vegetables and foreign food with an emphasis on cooking to taste and food preparation in the lab setting.</p>
<p>Human Growth & Development (457) Credits: 1 Semester Course (Spring even years) Open to grades 9 - 12 Prerequisite: Intro to FCS</p>	<p>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.</p>
<p>Housing Design (461) Credits: 1 Semester Course (Spring even years) Open to grades 9 - 12 Prerequisite: Intro to FCS</p>	<p>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.</p>
<p>Interpersonal Relationships (462) Credits: 1 Semester Course (Spring odd years) Open to grades 11 - 12 Prerequisite: Intro to FCS</p>	<p>This course was designed to help students understand the importance of creating healthy relationships. Students will explore the functions of various relationships, mental health, intimate relationships and personal health, abusive relationships and more!</p>
<p>Fashion Design (463) Credits: 1 Semester Course (Spring odd years) Open to grades 11 - 12 Prerequisite: Intro to FCS</p>	<p>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 production and manufacturing of textiles, the dyeing and printing processes, clothing design with hands-on applications, and retail. A special focus will be directed at the debate surrounding fast fashion.</p>

Industrial Arts

<p>Introduction to Construction (487) Credits: 4 Yearlong Course (2 periods) Open to grades 9 - 12, limit 12 Prerequisite: none</p>	<p>This course is designed to acquaint students with the safe handling of construction materials, machines and hand tools. The students will cover topics including safe use of tools, measurements, building footprints, wall and roof construction. Lab work will depend on availability of construction projects.</p>
<p>Woods 1(480) Credits: 1 Semester Course Open to grades 9 - 12, limit 12 Prerequisite: none</p>	<p>This introductory course is designed to acquaint students with the safe handling of wood, machines and hand tools. The students will cover topics including safety, measurement, cutting wood and wood joints, adhesives, wood properties, finishing techniques, and project planning. There are two required projects and a personal project chosen by the student.</p>
<p>Woods 2 (481) Credits: 2 Yearlong Course Open to grades 10 - 12, limit 12 Prerequisite: Woods 1</p>	<p>This advanced course is an independent projects class for students to explore the various categories of wood 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.</p>
<p>Metal Working (482) Credits: 1 Semester Course Open to grades 9 - 12, limit 6 Prerequisite: none</p>	<p>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, and the fundamentals of the different welding processes.</p>
<p>Drafting (490) Credits: 1 Semester Course (Spring) Open to grades 9 - 12, limit 10 Prerequisite: none</p>	<p>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.</p>

Brave Designs

Brave Designs is a unique course offered at WHS in which students collaborate across three different CTE subcategories: business, FCS and industrial arts. Students can choose to participate in projects in one of the business focus areas (graphic design, industrial technology, or business management) to gain hands-on knowledge of the workplace and inner-workings of a business.

Students applying for Brave Designs must have completed one of the following classes:

Intro to FCS	Accounting	Woods I or Metals
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Students must complete an application to be evaluated by the instructors, principal and school counselor.
[Click here for the current application.](#)

<p>Brave Designs - FCS (448) Credits: 2 Yearlong Course Open to grades 10 - 12 Prerequisite: Intro to FCS</p>	<p>Students will work with various technologies to design and create graphic apparel, stickers and other vinyl products to be listed for sale.</p> <p>This class will be limited to 6 students.</p>
<p>Brave Designs - Business (449)</p>	<p>Students will work to market, sell, inventory and do business accounting for items sold.</p>

Credits: 2 Yearlong Course Open to grades 10 - 12 Prerequisite: Intro to Business	This class will be limited to 8 students.
Brave Designs - IT (443) Credits: 2 Yearlong Course Open to grades 10 - 12 Prerequisite: at least one Industrial Art class	Students will work with various technologies to design and create wooden and/or metal products to be listed for sale. This class will be limited to 12 students.
Work-Based Learning	
Work-Based Learning (440/445) Credits: 1 or 2 Open to grades 11 - 12 Prerequisite: Approved application and courses completed that are 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 per day for their paid or non-paid job. 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 work-based learning coordinator, a guidance counselor, and/or the principal. Placement will depend upon application, interview, student grades, attendance and job availability. Applications for Work-Based Learning can be picked up in the Academic Advisor's Office. Work-Based Learning Student Application
Extended Career Opportunities (446/447) Credits: 3 or 4 Open to grades 11 - 12 Prerequisite: Work-Based Learning	ECO opportunities are available in various businesses in the Cherokee community. Eco experiences allow for a more indepth learning experience and will follow the same guidelines as work-based learning. Placement will depend upon application, interview, student grades, attendance and job availability. Applications for Work-Based Learning can be picked up in the Academic Advisor's Office. Work-Based Learning Student Application

FINE ARTS	
Credits earned are automatically counted as Electives.	
Art	
Art Fundamentals (100) Credits: 1 Semester Course Open to grades 9 - 12 Prerequisite: none	This course is designed to introduce students to art at the high school level. Students will explore a variety of projects to connect them to their creativity; through building art vocabulary, techniques and cognitive abilities. This course is required for all upper level art.

<p>Drawing (106) Credits: 1 Semester Course Open to grades 9 - 12 Prerequisite: Art Fundamentals</p>	<p>In this course students will explore a variety of methods and media used in drawing.</p>
<p>Graphic Design (108) Credits: 1 Semester Course (Spring) Open to grades 10 - 12, limit 10 students Prerequisite: Art Fundamentals</p>	<p>This course is designed to explore the principles of design using software in the Adobe Suite, with focus on Photoshop and Illustrator. Project topics will vary, but may include: logo creation, web-based graphic design, sticker creation, commercial art, and branding and marketing design.</p>
<p>Painting 1 (110) Credits: 1 Semester Course Open to grades 9 - 12 Prerequisite: Art Fundamentals</p>	<p>This course will allow students to explore the world through paint. Various tools and techniques used in painting 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 painting.</p>
<p>Painting 2 (111) Credits: 1 Semester Course Open to grades 9 - 12 Prerequisite: Painting 1</p>	<p>This course will continue an exploration of technique and personal style and artistic ideas through paint. An emphasis in style, personal critiques and presenting their art will be expected.</p>
<p>Ceramics 1 (104) Credits: 1 Semester Course (Fall) Open to grades 9 - 12 Prerequisite: Art Fundamentals</p>	<p>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 and techniques. Students will learn how to use a potter's wheel and hand-building skills.</p>
<p>Ceramics 2 (107) Credits: 1 Semester Course (Spring) Open to grades 9 - 12 Prerequisite: Ceramics 1</p>	<p>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.</p>
<p>Senior Art Studio (122) Credits: 1 Semester Course Open to grade 12 Prerequisite: Art Fundamentals, Drawing, Painting and Teacher Approval</p>	<p>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. Course is designed for serious art students.</p>
Band	
<p>Band (120) Credits: 2 Yearlong Course Open to grades 9 - 12 Prerequisite: none</p>	<p>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. They will also be required to participate in concerts and other performances throughout the year and</p>

	will have the opportunity to participate in select ensembles. Weekly lessons are required and are scheduled by the director.
Marching Band (124) Credits: .5 Semester Course (Fall) Open to grades 9 - 12 Prerequisite: none	This course is designed to provide an enriching and diverse instrumental and visual music education. This class will include a number of public performances in a variety of settings. The daily objective of the course is to foster and promote musical growth through instrumental playing and visual choreography.
Choir & Piano	
Choir (126) Credits: 2 Yearlong Course Open 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. Any student enrolled in Vocal Music is open to audition for Jazz Choir.
Intro to Piano (131) Credits: 1 Semester Course Open to grades 9 - 12 Prerequisite: none	Students will be taught the following: Fundamentals of piano, music and musicianship, music notation, terminology, scales, key signatures, time signatures, and performance etiquette. Also being taught are basic piano chords, rhythms, and fingering techniques. The music played is beginner-level classical, folk, swing, blues, and popular piano literature.

COLLEGE NOW & WITCC DUAL CREDIT COURSES

Juniors, Seniors and identified TAG Freshmen and Sophomores can participate in the Great Start (GS) program, which allows them to take college level courses each semester from an approved post-secondary level institution. All students must be registered for the equivalency of 7 credits (3 college credits = 1 CHS credit).

- Concurrent enrollment courses will need to follow WITCC grading guidelines as these are college classes.
- WITCC has implemented a 21 credit hour limit per semester for College Now students.

WHS students have the opportunity to receive dual enrollment credits. This means after completing each course they will receive equivalent high school credit as well as college credit.

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

Dual credit courses are offered at WHS and/or on the Cherokee WIT-CC campus. This list is not exhaustive. Further courses are listed online. Please talk to the school counselor for more information.

*Classes that are taught in the WHS building

Popular General Education courses if you plan on attending a 2 or 4 year university program.

ENG 105	Composition I
ENG 106	Composition II
SPC 112	Public Speaking
COM 723	Workplace Communications
HIS 110	Western Civ: Ancient to Early Modern
HIS 111	Western Civ: Early Modern to Present
PSY 111	Introduction to Psychology
SOC 110	Introduction to Sociology

Popular Career Specific courses

ACC 111	Introduction to Accounting *
AGA 114	Principles of Agronomy *
AGS 113	Survey of the Animal Industry *
AUT 104	Introduction to Automotive Technology
BIO 105	Introductory Biology *
BIO 168	Anatomy & Physiology I *
BIO 173	Anatomy & Physiology II *
CRJ 100	Introduction to Criminal Justice
ELE 101	Industrial Safety

HSC 109	Exploring Health Careers and Building Teams
HSC 114	Medical Terminology
HSC 173	Nurses Aide Theory
MAT 157	Statistics *
MAT 211	Calculus *
MAT 772	Applied Math *
MAT 121	College Algebra *
MUS 100	Music Appreciation *
MUS 115	Music Theory I *
MUS 125	Ear Training/Sight Singing *
PEC 110	Coaching Ethics, Techniques, and Theory
PEC 115	Athletic Development and Human Growth *
PEC 120	Body Structure and Function *
PEC 126	Athletic Injury Prevention *
Course Descriptions	
ENG 105: Composition 1 Credits: 1 Prerequisite: ACT composite of 22	This course is an exploration of writing as a process with attention to audience, purpose and patterns of exposition.
ENG 106: Composition 2 Credits: 1 Prerequisite: ENG 105	This course is a continuation of ENG 105 with emphasis on developing more complex, sophisticated forms of exposition. It includes a research paper requiring library research, documentation, and bibliography.
SPC 112: Public Speaking Credits: 1 Prerequisite: none	The course combines theory of speech communication with public speech performance skills. Emphasis is on speech delivery, preparation, organization, support, and audience analysis. Practice of skills is through presentation and exercise. <i>**many colleges have stopped accepting Public Speaking online. Please verify that your chosen university will take the transfer credit</i>
COM 723: Workplace Communications Credits: 1 Prerequisite: none	This course is a study of the principles and processes of written and oral communication as applied to occupational and personal use through practical reading, writing and speaking assignments. It emphasizes technical report writing, including preparation, organization, audience and the effective use of format, supplements and visuals.
HIS 110: Western Civ: Ancient to Early Modern Credits: 1 Prerequisite: none	This course traces the Western tradition from Antiquity through the seventeenth century. Emphasizes the process of change and the dynamics and interrelationships of events of the major societies, governance, and cultures of the Ancient, Medieval, Renaissance and beginnings of early modern times.

<p>HIS 111: Western Civ: Early Modern to Present Credits: 1 Prerequisite: none</p>	<p>This course traces the Western tradition from Antiquity through the seventeenth century. Emphasizes the process of change and the dynamics and interrelationships of events of the major societies, governance, and cultures of the Ancient, Medieval, Renaissance and beginnings of early modern times.</p>
<p>PSY 111: Introduction to Psychology Credits: 1 Prerequisite: none</p>	<p>This course introduces students to the scientific study of mental processes and behavior with emphasis on the nervous system, learning and memory, cognition, sensation and perception, motivation and emotion, personality, intelligence, stress, psychological disorders and therapy, and social influence. This course explains the roles of theory and empirical evidence in describing, and predicting behavior. Students apply critical thinking in relation to research methods and ethics in the field of psychology.</p>
<p>SOC 111: Introduction to Sociology Credits: 1 Prerequisite: none</p>	<p>This course is a survey of the fundamental concepts used in the study of human social interaction with emphasis on group aspects of social behavior. Subject areas include research methods, theory, culture and social structure, socialization, groups and formal organizations, deviance and social control, stratification, race and ethnicity (including whiteness), major social institutions, and social change</p>
<p>ACC 111: Introduction to Sociology Credits: 1 Prerequisite: none</p>	<p>This course is designed to teach the key concepts and skills required to record a variety of accounting entries for both a service and merchandising business, to prepare financial statements, to record payroll entries, to prepare payroll records and to utilize good cash management skills. These skills learned will prepare students for direct job entry as small business owners and entrepreneurs. These accounting concepts are applied to a variety of companies.</p>
<p>AGA 114: Principles of Agronomy Credits: 1 Prerequisite: Intro to Ag</p>	<p>This course presents the information necessary to understand the reasons and methods of soil and crop management. The course provides answers to practical crop production questions and introduces students to further study of the sciences involved.</p>
<p>AGS 113: Survey of the Animal Industry Credits: 1 Prerequisite: Intro to Ag</p>	<p>This course introduces the student to the global animal science industry. All specialized areas of animal science will be studied, including: nutrition, reproduction, genetics, health, and behavior. All major domesticated species of animals will be available for study.</p>
<p>AUT 104: Introduction to Automotive Technology Credits: 1 Prerequisite: none</p>	<p>This course provides basic instruction in shop skills including precision measuring, the use of hand tools, power tool use, fittings, fasteners, service manual use and related shop equipment. It covers the basics of electrical systems, drive train, fuel, brakes, heating, air conditioning, wheels and tires. It also emphasized shop safety practices in each area of study.</p>
<p>AUT 163: Automotive Engine Repair Credits: 1 Prerequisite: none</p>	<p>This is a combined lecture and lab course that covers the fundamentals of internal combustion engine operation, service and repair. Students learn theories in practical, hands-on application in both the classroom and lab exercises.</p>
<p>BIO 105: Introductory Biology Credits: 1 Prerequisite: Earth & Physical Science and Biology</p>	<p>This is a combined lecture and lab course that is a biological concepts survey for the non-science majors. Topics covered include biochemistry, molecular and cellular biology, genetics, evolution, plant and animal classification, structure and function and ecology.</p>

<p>BIO 168: Anatomy & Physiology 1 Credits: 1 Prerequisite: 1) Score 22 or higher on ACT 2) 2 semesters of High School Chemistry with a B- or better or 1 semester of High School Chemistry with a B- or better 3) Completion with a C- or better in a transfer level Biology or Chemistry. Co-Requisite: BIO 174</p>	<p>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.</p>
<p>BIO 174: Anatomy & Physiology 2 Credits: 1 Prerequisite: BIO 168</p>	<p>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.</p>
<p>BIO 100: Introduction to Criminal Justice Credits: 1 Prerequisite: none</p>	<p>This course studies the history of law enforcement and respective agencies and the basic theories of criminal behavior as well as law enforcement terminology and technology. It emphasizes the duties and responsibilities of the law enforcement officer to the individual and society as a whole and explores and defines techniques, technical terms, and basic procedures.</p>
<p>EMT course</p>	
<p>Para Educator program??</p>	
<p>ELE 101: Industrial Safety Credits: 1 Prerequisite: none</p>	<p>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 have the opportunity to be awarded an OSHA 10 card.</p>
<p>HSC 109: Health Careers and Teams Credits: 1 Prerequisite: none</p>	<p>This course is 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 email, and other computer literacy tools necessary for taking online courses and for careers in the healthcare industry.</p>
<p>HSC 114: Medical Terminology Credits: 1 Prerequisite: none</p>	<p>This course presents medical terminology as the language of medicine. It also studies spelling, pronunciation and usage, emphasis on word analysis and construction of definitions.</p>
<p>HSC 173: Nurses Aide Theory Credits: 1 Prerequisite: none</p>	<p>This course is designed to provide the student with the fundamentals of patient care in the healthcare environment. Students learn basic anatomy, physiology, medical terminology, meeting human needs, safety measures, infection control, and physical care. Co-requisites: Take HSC-174</p>

<p>MAT 157: Statistics Credits: 1 Prerequisite: ACT Math subscore of 22 or higher, or a 30 cut score on the ALEKS test.</p>	<p>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.</p>
<p>MAT 211: Calculus Credits: 1 Prerequisite: Pre-calculus, Calculus and ACT Math subscore of 26 or higher, or a 65 cut score on the ALEKS test.</p>	<p>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.</p>
<p>MAT 772: Applied Math Credits: 1 Prerequisite: Algebra 1</p>	<p>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.</p>
<p>MAT 121: College Algebra Credits: 1 Prerequisite: Qualifying score on ACT or ALEKS exam</p>	<p>This course addresses linear functions and inequalities, quadratics, conics, polynomials and rational functions, exponential and logarithmic functions, linear systems, matrices and determinants. Additional topics may include sequences, series, permutations, combinations, and probability. Completion of Pre-requisite course or alternative assessment required for enrollment.</p>
<p>MUS 100: Music Appreciation Credits: 1 Prerequisite: none</p>	<p>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.</p>
<p>MUS 115: Music Theory 1 Credits: 1 Prerequisite: none</p>	<p>This course introduces the basic materials of music, including musical notation and the basic elements of music including melody, harmony, rhythm, texture, keys, major and minor scale structures, chord construction, and composition. This class is intended for students with strong interest but limited background in music theory. Co-Requisite: MUS 125.</p>
<p>MUS 125: Ear Training/Sight Singing Credits: 1 Prerequisite: MUS 115</p>	<p>This course develops the ability to recognize and notate simple intervals, rhythms, melodies and chord progressions. Sign-singing skills are strengthened using the sol-feggio method. Basic piano skills are acquired.</p>
<p>PEC 110: Coaching Ethics, Techniques, and Theory Credits: 1 Prerequisite: none</p>	<p>This course studies the theory and techniques of coaching in the interscholastic athlete and the interscholastic team, as well as the related responsibilities, duties and problems. This is one of four courses leading to the coaching authorization issues by the Iowa Department of Education as a head coach or assistant coach of any interscholastic athletic activity. Co-Requisite: PEC 110.</p>
<p>PEC 120: Body Structure and Function Credits: 1 Prerequisite: none</p>	<p>This course is an introduction to the physiological processes and anatomical features of the human body which are related to and affected by physical activity and training. This is one of four classes leading to the coaching authorization issued by the Iowa Department of Education as a head coach or assistant coach of any interscholastic athletic activity. Co-Requisite: PEC 126.</p>
<p>PEC 126: Athletic Injury Credits: 1 Prerequisite: none</p>	<p>This course introduces conditioning programs and training methods that tend to prevent athletic injuries. This course provides basic skills in injury procedures, while providing practical experience in taping techniques, This</p>

	is one of four courses leading to the coaching authorization issued by the Iowa Department of Education as a head coach or assistant coach of any interscholastic athletic activity. Co-Requisite: PEC 120.

SAMPLE

NINTH GRADE

Ninth graders must select at least **seven courses each semester.** Please see full course descriptions for prerequisites.

**** Students can have only ONE study hall per semester!**

CODES

- * Prerequisite Required
- ~ Teacher Approval
- # Corequisite Required
- + Application Required

<p>ENGLISH</p> <p><input type="checkbox"/> English 1</p> <p>MATHEMATICS must choose 1</p> <p><input type="checkbox"/> Pre-Algebra</p> <p><input type="checkbox"/> Transitional Math I</p> <p><input type="checkbox"/> Algebra I</p> <p><input type="checkbox"/> Geometry</p> <p>SCIENCE</p> <p><input type="checkbox"/> Earth & Physical Science</p> <p>SOCIAL STUDIES</p> <p><input type="checkbox"/> Modern American History</p> <p>PHY. EDUCATION must choose 1</p> <p><input type="checkbox"/> Physical Education</p> <p><input type="checkbox"/> Strength & Conditioning</p> <p>HEALTH</p> <p><input type="checkbox"/> Health I + CPR</p>	<p>BUSINESS</p> <p><input type="checkbox"/> Introduction to Business</p> <p><input type="checkbox"/> Computer Applications</p> <p><input type="checkbox"/> Coding</p> <p>AGRICULTURE</p> <p><input type="checkbox"/> Intro to Agriculture</p> <p>WORLD LANGUAGE</p> <p><input type="checkbox"/> Spanish I</p> <p>SOCIAL STUDIES</p> <p><input type="checkbox"/> Current Issues</p> <p>MUSIC</p> <p><input type="checkbox"/> Band</p> <p><input type="checkbox"/> Marching Band</p> <p><input type="checkbox"/> Choir</p> <p><input type="checkbox"/> Intro to Piano</p> <p>SPECIAL PROGRAMS</p> <p><input type="checkbox"/> Resource Room (IEP)</p> <p><input type="checkbox"/> TAG</p> <p><input type="checkbox"/> Guided Study Hall</p> <p><input type="checkbox"/> ESL Guided Study</p>	<p>FINE ART</p> <p><input type="checkbox"/> Art Fundamentals</p> <p><input type="checkbox"/> Ceramics I *</p> <p><input type="checkbox"/> Drawing *</p> <p><input type="checkbox"/> Painting I *</p> <p><input type="checkbox"/> Virtual Reality *</p> <p>INDUSTRIAL ARTS</p> <p><input type="checkbox"/> Woods I</p> <p><input type="checkbox"/> Woods II *</p> <p><input type="checkbox"/> Intro to Construction</p> <p><input type="checkbox"/> Drafting</p> <p>FAMILY & CONSUMER SCIENCES</p> <p><input type="checkbox"/> Introduction to FCS</p> <p><input type="checkbox"/> Culinary I *</p> <p><input type="checkbox"/> Fashion Design (Spring Odd) *</p> <p><input type="checkbox"/> Human Growth (Spring Even)*</p> <p><input type="checkbox"/> Housing Design (Spring Even) *</p> <p>LANGUAGE ARTS</p> <p><input type="checkbox"/> Communications</p>
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Please choose four or five electives, as you may not get your first choices. Please mark **two electives with 1** for first choice, **two electives with 2** and **two electives with 3**.

** Students can have only ONE study hall per semester!

** No more than 16 credits total.

<p>*SAMPLE*</p> <p>TENTH GRADE</p> <p>Tenth graders must select at least seven courses each semester. Please see full course descriptions for prerequisites.</p>		<p>CODES</p> <p>* Prerequisite Required</p> <p>~ Teacher Approval</p> <p># Corequisite Required</p> <p>+ Application Required</p> <p>> WITCC Course</p>
<p>ENGLISH choose 1</p>	<p>BUSINESS</p> <p><input type="checkbox"/> Intro to Business</p>	<p>FINE ART</p> <p><input type="checkbox"/> Art Fundamentals</p>

<input type="checkbox"/> English I <input type="checkbox"/> English II MATHEMATICS choose 1 <input type="checkbox"/> Integrated Math I <input type="checkbox"/> Integrated Math II <input type="checkbox"/> Algebra I <input type="checkbox"/> Algebra II <input type="checkbox"/> Geometry SCIENCE <input type="checkbox"/> Biology SOCIAL STUDIES choose 1 <input type="checkbox"/> Modern American History <input type="checkbox"/> World History PHY. EDUCATION choose 1 <input type="checkbox"/> Physical Education <input type="checkbox"/> Strength & Conditioning HEALTH <input type="checkbox"/> Health I + CPR <input type="checkbox"/> Health II	<input type="checkbox"/> Computer Applications <input type="checkbox"/> Coding <input type="checkbox"/> Accounting <input type="checkbox"/> Business Law (1st sem) <input type="checkbox"/> Entrepreneurism <input type="checkbox"/> Brave Designs *~+ AGRICULTURE <input type="checkbox"/> Intro to Agriculture <input type="checkbox"/> Plant Science <input type="checkbox"/> Animal Science <input type="checkbox"/> Ag. Business WORLD LANGUAGE <input type="checkbox"/> Spanish I <input type="checkbox"/> Spanish II * SOCIAL STUDIES <input type="checkbox"/> History Through Films <input type="checkbox"/> Rock of Ages <input type="checkbox"/> Vietnam War in Depth <input type="checkbox"/> Current Issues MUSIC <input type="checkbox"/> Band <input type="checkbox"/> Marching Band <input type="checkbox"/> Choir <input type="checkbox"/> Intro to Piano SPECIAL PROGRAMS <input type="checkbox"/> Resource Room (IEP) <input type="checkbox"/> TAG <input type="checkbox"/> Guided Study Hall <input type="checkbox"/> ESL Guided Study	<input type="checkbox"/> Ceramics I * <input type="checkbox"/> Ceramics II * <input type="checkbox"/> Drawing * <input type="checkbox"/> Painting I * <input type="checkbox"/> Painting II * <input type="checkbox"/> Virtual Reality * <input type="checkbox"/> Graphic Design * INDUSTRIAL ARTS <input type="checkbox"/> Woods I <input type="checkbox"/> Woods II * <input type="checkbox"/> Intro to Construction <input type="checkbox"/> Drafting <input type="checkbox"/> Metal Working <input type="checkbox"/> Brave Designs *~+ FAMILY & CONSUMER SCIENCES <input type="checkbox"/> Introduction to FCS <input type="checkbox"/> Culinary I * <input type="checkbox"/> Culinary II (1st sem) * <input type="checkbox"/> Fashion Design (Spring Odd) * <input type="checkbox"/> Housing Design (Spring Even) * <input type="checkbox"/> Human Growth (Spring Even)* <input type="checkbox"/> Brave Designs *~+ LANGUAGE ARTS <input type="checkbox"/> College Prep Literature * <input type="checkbox"/> Contemporary Literature * <input type="checkbox"/> Oral Interp/Acting (1st sem) <input type="checkbox"/> Communications (2nd sem) <input type="checkbox"/> Mythology <input type="checkbox"/> Publications *+~
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Please choose four or five electives, as you may not get your first choices. Mark **two electives with #1** for first choice, **two electives with #2** and **two electives with #3**.

** Students can have only ONE study hall per semester!

SAMPLE ELEVENTH GRADE Eleventh graders must select at least seven courses each semester. Study Halls will be scheduled for all open periods. Please see full course descriptions for prerequisites.		CODES * Prerequisite Required ~ Teacher Approval # Corequisite Required + Application Required > WITCC Course
ENGLISH <input type="checkbox"/> English II <input type="checkbox"/> English III MATHEMATICS choose 1 <input type="checkbox"/> Integrated Math II	BUSINESS <input type="checkbox"/> Intro to Business <input type="checkbox"/> Computer Applications <input type="checkbox"/> Coding <input type="checkbox"/> Accounting	FINE ART <input type="checkbox"/> Art Fundamentals <input type="checkbox"/> Ceramics I * <input type="checkbox"/> Ceramics II * <input type="checkbox"/> Drawing *

- Integrated Math III
- Algebra II
- Geometry
- Pre-calculus *
- Statistics
- Applied Math *

SCIENCE

- Chemistry
- Oceanography
- Natural Resources
- Forensics
- Environmental Science
- WIT Anatomy & Physiology I
- WIT Anatomy & Physiology II
- Scientific Research/Design
- WIT Introductory Biology
- Physics *
- Biology

PHY. EDUCATION choose 1

- Physical Education
- Strength & Conditioning

SOCIAL STUDIES

- Economics
- History Through Films
- Rock of Ages (2nd sem)
- Vietnam War in Depth
- Psychology (1st sem)
- Sociology (1st sem)
- Current Issues

- Business Law (1st sem)
- Entrepreneurism
- Brave Designs *~+
- WIT Intro to Accounting >*~
- Work Based Learning *
- CAPS *

AGRICULTURE

- Intro to Agriculture
- Plant Science
- Ag. Business
- WIT Agronomy >
- WIT Career Seminar >
- WIT Animal Industry >
- Agricultural Leadership
- Agriculture in a Global World

WORLD LANGUAGES

- Spanish I
- Spanish II *
- Spanish III *
- Spanish IV *

HEALTH & WELLNESS

- Health I + CPR
- Health II
- WIT Coaching Ethics & Theory >#
- WIT Athletic Development >#
- WIT Body Structure >#
- WIT Athletic Injury Prevention >#

MUSIC

- Band
- Marching Band
- Choir
- Intro to Piano
- WIT Ear Training/Sight Singing >#
- WIT Music Theory >#
- WIT Music Appreciation >#

- Painting I *
- Painting II *
- Virtual Reality *
- Graphic Design *

INDUSTRIAL ARTS

- Woods I
- Woods II *
- Intro to Construction
- Drafting
- Metal Working
- Brave Designs *~+

FAMILY & CONSUMER SCIENCES

- Introduction to FCS
- Culinary I *
- Culinary II (1st sem) *
- Fashion Design (Spring Odd) *
- Housing Design (Spring Even) *
- Human Growth (Spring Even)*
- Interpersonal Rel. (Spring odd) *
- Brave Designs *~+

LANGUAGE ARTS

- Films as Lit *
- College Prep Literature *
- Contemporary Literature *
- Oral Interp/Acting (1st sem)
- Creative Writing (2nd sem)
- College Prep Writing
- Career & Technical Writing (1st sem)
- Communications (2nd sem)
- Mythology
- Publications *+~

SAMPLE**TWELFTH GRADE**

Twelfth graders must select at least seven courses each semester. Students will be eligible for open campus during study hall second semester.

CODES

* Prerequisite Required

~ WITTCC Course

Corequisite Required

+ Application Required

ENGLISH

- English II
- English III

MATHEMATICS choose 1

- Calculus >#
- Integrated Math II
- Integrated Math III
- Algebra II
- Pre-calculus *
- Statistics *~
- Applied Math *~
- College Algebra *~
- Consumer Math

SCIENCE

- Chemistry
- Oceanography
- Natural Resources
- Forensics
- Environmental Science
- Anatomy & Physiology I *~
- Anatomy & Physiology II *~
- Scientific Research/Design
- Introductory Biology *~
- Physics *
- AP Biology
- Chemistry
- Advanced Chemistry *

PHY. EDUCATION choose 1

- Physical Education
- Strength & Conditioning

SOCIAL STUDIES required

- Government

SENIOR REQUIREMENT

- Financial Planning

SOCIAL STUDIES

- Economics
- History Through Films
- Vietnam War in Depth
- Psychology (1st sem)
- Sociology (1st sem)

BUSINESS

- Intro to Business
- Accounting
- Business Law (1st sem)
- Entrepreneurism
- Brave Designs *~+
- WIT Intro to Accounting >~
- Work Based Learning *
- CAPS *

AGRICULTURE

- Intro to Agriculture
- Plant Science
- Ag. Business
- WIT Agronomy >
- WIT Career Seminar >
- WIT Animal Industry >
- Agricultural Leadership
- Agriculture in a Global World

WORLD LANGUAGES

- Spanish I
- Spanish II *
- Spanish III *
- Spanish IV *

SPECIAL PROGRAMS

- Resource Room (IEP)
- TAG
- Guided Study Hall
- ESL Guided Study

MUSIC

- Band
- Marching Band
- Choir
- Intro to Piano
- WIT Ear Training/Sight Singing >#
- WIT Music Theory >#
- WIT Music Appreciation >#

COMPUTER SCIENCE

- Computer Applications
- Coding
- 3D Computer Design
- Graphic Design

FINE ART

- Art Fundamentals
- Ceramics I *
- Ceramics II *
- Drawing *
- Painting I *
- Painting II *
- Senior Studio *

INDUSTRIAL ARTS

- Woods I
- Woods II *
- Intro to Construction
- Drafting
- Metal Working
- Brave Designs *~+

FAMILY & CONSUMER SCIENCES

- Introduction to FCS
- Culinary I *
- Culinary II (1st sem) *
- Fashion Design (Spring Odd) *
- ~~Housing Design (Spring Even) *~~
- ~~Human Growth (Spring Even) *~~
- Interpersonal Rel. (Spring odd) *
- Brave Designs *~+

HEALTH & WELLNESS

- Health I + CPR
- Health II
- WIT Coaching Ethics & Theory >#
- WIT Athletic Development >#
- WIT Body Structure >#
- WIT Athletic Injury Prevention >#

LANGUAGE ARTS

- Films as Lit *
- College Prep Literature *
- Contemporary Literature *
- Oral Interp/Acting (1st sem)
- Creative Writing (2nd sem)
- College Prep Writing
- Career & Technical Writing (1st sem)
- Communications (2nd sem)
- Mythology
- Publications *+~

CREDIT RECOVERY & ALTERNATIVE PROGRAMS

Traditional schooling format isn't a good fit for all students. If a student is falling behind in credit requirements, school staff may ask to meet with the student and parent(s) in order to discuss alternative credit options.

We currently offer two different paths for students to meet the needs of nontraditional learners:

Fast Track Credit Recovery	Alternative School
<p>A student highly at risk for failing a small number of classes will be brought in after being in in-person classes for at least 3 weeks to discuss the option of credit recovery online. Students using this opportunity to get back on track will still take a full semester course load, and also work on recovery credits in a monitored study hall setting. If a student is withdrawn from a course for any reason, they will be placed in credit recovery online in order to stay productive during that scheduled class period.</p> <p>Expectations for students in the Credit Recovery Program:</p> <ol style="list-style-type: none"> 1. Students must report to the Fast Track Credit Recovery room every day for each period they are assigned. Attendance will be taken the same as any other class in the high school. 2. Progress will be monitored at least 2-3 times each week. 3. Students are expected to make gains within the online course each week. 4. Mid-Term grades and progress will be discussed with the principal, parents and student. A printed report will be mailed home as well. 5. If a student does not pass the online Credit Recovery course by the end date listed below they will be required to complete summer school to earn credit for this course. 	<p>The CHWS Alternative School addresses the needs of students who are unable to adjust or function in the traditional school setting. Alternative School utilizes an individualized, independent study approach with a less formalized structure. Attendance and productivity greatly influence progress, and the participant controls each factor. Students will learn they are responsible for their own success. This builds self-esteem as well as a sense of accomplishment.</p> <p>Admission Policy- A Cherokee Washington High School counselor and administrator must refer students interested in attending the Washington High School Learning Center.</p> <p>Those students who reside within the district who are not currently enrolled at CWHS must apply at Washington High School.</p> <p>Those students who currently reside outside the Cherokee Community School District must complete one of the following options:</p> <ol style="list-style-type: none"> 1. Move into the district. 2. Open enroll into the Cherokee Community School District. (Note: there are timelines established by the State of Iowa regarding Open Enrollment. Please check with your home district regarding this option.) 3. Pay tuition. <p>Admission Requirements-</p> <ol style="list-style-type: none"> 1. Recognize the need for an education 2. Have the desire to complete the requirements for graduation. 3. Complete interview process with Principal, Guidance Counselor, and WHSLC Instructor. (2/3 must be present). 4. Complete the written application 5. Agree, in writing, to comply with the policies and procedures of the Cherokee Washington Alternative High School