

# **CLEARWATER HIGH SCHOOL**



**2022-2023  
Enrollment  
Information**

## **CLEARWATER HIGH SCHOOL GRADUATION REQUIREMENTS**

**Total Credits Required to Graduate from Clearwater High School:** twenty-six (26)

### **Courses Required for Graduation:**

1. 4 credits Language Arts:
  - 1 credit Freshman English
  - 1 credit Sophomore English
  - 1 credit Junior English
  - 1 credit Senior English or College Writing I and II (or English IV by recommendation)
2. 3 credits Social Science:
  - 1 credit Modern World History (sophomore year)
  - 1 credit U.S. History (junior year)
  - 1 credit American Government (senior year)
3. 3 credits Math:
  - 1 credit Algebra I
  - 1 credit Geometry (or Geometry Concepts by recommendation)
  - 1 credit Algebra II (or Intermediate Algebra by recommendation)
  - Or above
4. 3 credits Science:
  - 1 credit Biology
  - 1 credit physical science (Earth and Space Science or Chemistry or Physics)
  - 1 additional science credit
5. 1 credit Physical Dimensions (freshman year)
6. 1/2 credit Speech or Forensics or College Speech
7. 1/2 credit Computer Applications I or Digital Data Literacy or Computer Science Principles
8. 1/2 credit Consumer and Personal Finance
9. 1 credit Fine Arts:
  - Vocal Music classes
  - Instrumental Music classes
  - Art classes
  - Introduction to Theatre
  - Forensics (must be taken a second time if it has already been taken in place of Speech)
  - Computer Graphics
  - Web Page Design
  - Graphic Design
  - Woodworking Design and Production
  - Interior Design

## **MATH SEQUENCE**

Three credits of high school math are required for graduation. It is important that students enroll in the appropriate class as a freshman to have the best chance of success in meeting the three credit requirement and their individual goals based on future career plans.

Freshmen will be enrolled in Algebra I or Geometry. Placement will be by eighth grade math teacher's recommendation.

Math teachers will make math assignments for the following year based upon current year performance. Concerns about placement should be discussed with the math teacher. Math sequence may follow a number of different paths:

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Algebra I  
Geometry Concepts  
Intermediate Algebra

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Algebra I  
Geometry or Geometry Concepts  
Intermediate Algebra  
Algebra II

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Algebra I  
Geometry  
Algebra II  
Functions, Statistics, and Trigonometry

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Algebra I  
Geometry  
Algebra II  
College Algebra

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Geometry  
Algebra II  
Functions, Statistics, and Trigonometry  
College Algebra

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Geometry  
Algebra II  
College Algebra (by teacher approval Junior year)  
Pre-Calculus

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Geometry  
Algebra II  
Pre-Calculus  
Calculus

\* A student may take both Geometry and Algebra II during the same academic year if approved by the math department in order to make it possible for the student to take more upper level math courses (Pre-Calculus and Calculus) in high school.

## **ENROLLMENT STATUS**

Students will be classified by the number of years in high school – first year: Freshman, second year: Sophomore, third year: Junior, fourth year: Senior. Students must have at least the following number of credits at the beginning of the school year to be on track for graduation:

Senior: 18.5      Junior: 11      Sophomore: 3.5

Students shall attend eight semesters and be enrolled full time each semester. Early release time is available second semester for seniors who do not require a full schedule to meet graduation requirements or to be eligible to participate in KSHSAA activities.

Seniors must be within 3.75 credits of completing graduation requirements at the end of the first semester of the senior year. Students who do not meet this requirement and who are not enrolled in courses outside the regular school day for the purpose of meeting graduation requirements will no longer be considered seniors as far as graduation activities are concerned. **Any coursework taken outside the regular school day must be completed by April 15.**

## **TRANSFER STUDENTS**

Students transferring from a school offering 7.5 or more credits per year will be required to complete the same credit requirements as Clearwater High School students. Students transferring from a school offering less than 7.5 credits per year may have requirements adjusted accordingly.

### **Requirements for CHS Valedictorian and Salutatorian**

Students who have the highest and next highest cumulative grade point average and who have also successfully completed the **Kansas Scholars Curriculum** (see next page) will be named Valedictorian and Salutatorian. Should a tie exist at either position, Co-Valedictorians and/or Co-Salutatorians will be named.

## **KANSAS SCHOLARS CURRICULUM**

Kansas Scholars Curriculum is required for Valedictorian and Salutatorian honors and Kansas State Scholarship (profile of typical State Scholar—29 ACT and 3.9 GPA), Kansas Teacher's Scholarship, and Kansas Minority Scholarship. These are the only three scholarships with these additional requirements, and they do not affect any other scholarship opportunities for students.

English	4 credits
Math	4 credits
Social Science	3 credits
Science	3 credits (Chemistry <b>and</b> Physics required)
Foreign Language	2 credits of the same language



## Qualified Admissions

The six state universities in Kansas--Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, The University of Kansas, and Wichita State University--use the standards below, set by the Kansas Board of Regents, to review applicants for undergraduate admission.

### ACCREDITED HIGH SCHOOL

Freshmen applicants, aged 21 & younger, who graduate from an accredited high school, will be guaranteed admission to six state universities by meeting the Qualified Admissions requirements designated by each university, as follows:

#### ESU, PSU, FHSU, & WSU:

- ACT 21+ (SAT 1060) or Cumulative GPA 2.25+\*
- Cumulative GPA 2.0+ for College Credit earned in High School

#### K-State:

- ACT 21+ (SAT 1060) or GPA 3.25+\*
- Cumulative GPA 2.0+ for College Credit earned in High School

#### KU:\*\*

- ACT 21+ (SAT 1060) and Cumulative GPA 3.25+  
or ACT 24+ (SAT 1160) and Cumulative GPA 3.0+\*
- Cumulative GPA 2.5+ for College Credit earned in High School

**KANSAS SCHOLARS CURRICULUM IS RECOMMENDED BUT NOT REQUIRED:** To best prepare for the rigor of college level courses, following Kansas Scholars curriculum is recommended.

One unit is equivalent to one year, or two semesters:

				
<b>English</b>	<b>Math</b>	<b>Social Science</b>	<b>Science</b>	<b>Foreign Language</b>
4 units	4 units	3 units	3 units	2 units of the same language
	1 unit of each: Algebra I, Geometry, Algebra II	1 unit of U.S History .5 unit of U.S. Gov .5 unit of World History	1 unit of each: Biology, Chemistry & Physics	
	1 unit: Advanced Math	1 unit: Social Science course		

**KANSAS SCHOLARS PROGRAM:** More information about the Kansas Scholars Scholarship & Curriculum visit: [www.kansasregents.org](http://www.kansasregents.org).

### HOMESCHOOL & UNACCREDITED HIGH SCHOOL

Freshman applicants, aged 21 and younger, who are homeschooled or graduate from an unaccredited high school will be guaranteed admission to the six state universities by achieving an ACT score equivalent with those outlined above, per each university. If you enroll in college courses while in high school, it is also required that you achieve a 2.0 GPA or higher in those courses (2.5 if applying to KU\*\*).

*\*If you do not meet the qualified admission requirements, you are still encouraged to apply. Your application will be reviewed individually. Contact the university admissions office for more information.*

*\*\*KU's requirements are changing, pending approval of associated state regulations. For more information, please visit [ku.edu/admissions](http://ku.edu/admissions).*

*This document provides a summary overview of admission requirements at state universities and is not a substitute for or to be used in lieu of the actual detailed admissions requirements, which can be found at: [www.kansasregents.org/qualified\\_admissions\\_rules\\_regulations](http://www.kansasregents.org/qualified_admissions_rules_regulations).*

Date: August 2021

## **HIGH SCHOOL REQUIREMENTS FOR COLLEGIATE ATHLETIC ELIGIBILITY**

The NCAA reviews eligibility requirements on a yearly basis and reserves the right to make changes. Students will be advised of any changes in a timely manner. The website for NCAA is [www.ncaa.com](http://www.ncaa.com).

Students who plan to play NCAA **Division I (KU, K-State, Wichita State)** or **Division II (Emporia State, Pittsburg State, Fort Hays State, Washburn)** college athletics must meet the following requirements during their high school years:

**\*\*Attain a minimum grade point average of at least 2.3 in specified core courses:**

(Courses taken in eighth grade cannot satisfy core curriculum requirements.)

	<b><u>Division I</u></b>	<b><u>Division II</u></b>
<b>English</b>	4 Years	3 Years
<b>Math</b> (Algebra I and above)	3 Years	2 Years
<b>Science</b>	2 Years	2 Years
<b>Social Science</b>	2 Years	2 Years
<b>Additional English, Math, or Science</b>	1 Year	3 Years
<b>Additional courses</b> (English, Math, Science, Social Science, Foreign Language)	4 Years	4 Years
<b>Total Core Units Required</b>	<b>16</b>	<b>16</b>

Ten of the 16 required courses must be taken before the student's seventh semester begins (senior year). This applies to Division I only.

### **\*\* ACT Score**

**Division I**—Earn a sum score on the ACT based on the core GPA/test score index ranging from 2.30 GPA and required 75 sum score on the ACT to 3.55 and above GPA and required 37 sum score on the ACT. The higher the GPA, the lower the required ACT sum score to meet eligibility.

**Division II**—Have a 2.20 GPA and earn a 70 sum score on the ACT

(ACT sum score is the sum of the four subscores added together.)

Students should apply for certification before graduation, and the NCAA Clearinghouse will issue a preliminary certification report. After graduation, the Clearinghouse will review a student's complete transcript to make a final certification decision. For additional information on NCAA, go to [www.ncaa.org](http://www.ncaa.org).

## **ENROLLMENT GUIDELINES**

1. Courses listed in the enrollment book will not necessarily be taught.
2. Any student who has failed a required course must enroll in a make-up course as part of their schedule for the following school year or, with approval of the administration, in an equivalent online course during the summer or during the following school year.
3. All prerequisites must be completed before enrolling in a class.
4. No course, successfully completed, is repeatable unless so designated.
5. Students who plan to complete the Board of Regents College Admissions Requirements, Kansas Scholars Requirements, or NCAA athletic requirements are responsible for enrolling in the necessary courses at each grade level.
6. Students must list TWO alternates they are willing to take.
7. Students who fail to get instructor permission for classes that require instructor permission will NOT be enrolled in those classes.
8. Seniors who plan to take Senior Release time during second semester and who also plan to participate in any activity governed by the KSHSAA must be sure to enroll in at least five courses of unit weight during second semester. Students who are not enrolled in at least five courses will also not be eligible for the second semester honor roll. Teacher Assistant, Office Assistant, Tribe Time, and X-L Seminar will not count as one of the five.

## **SCHEDULE CHANGES**

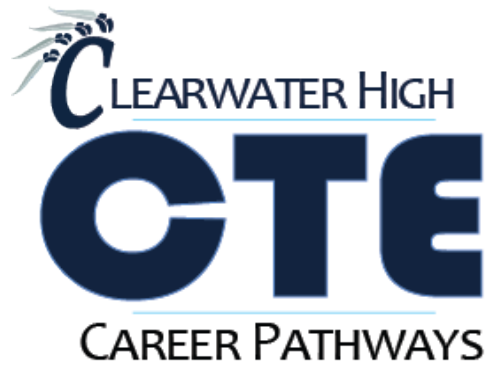
It is important that students carefully choose classes at pre-enrollment to minimize the necessity of schedule changes. Schedule changes may be made in the Guidance Office through the fourth day of each semester. Dropping a class during this time may require written parent consent and an explanation of why the change is being requested. Changes will not be allowed that adversely affect class size. Schedule changes after the fourth day of the semester will be made only with approval of the high school principal.

## Kansas Career Pathways

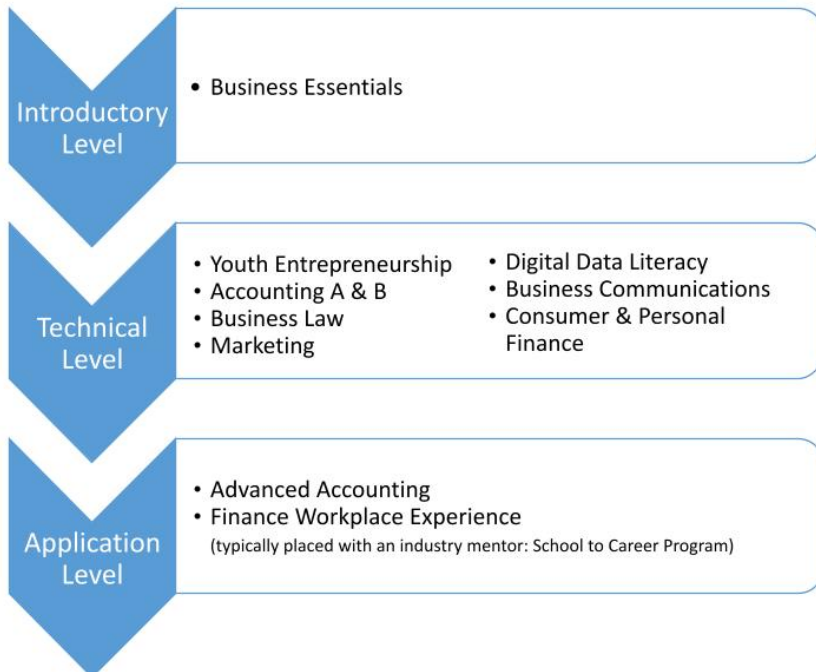
The state of Kansas has separated all Kansas careers into seven career fields. Clearwater currently has nine pathways with a series of introductory, technical, and application level courses. The following pages show the current pathways and the courses offered in each area.







## Business Finance Pathway



### Possible Career Examples

Treasurer	Financial Services
Controller	Accountants
Chief Revenue Agent	Auditors
Financial Analyst	Tax Examiners
Securities	Revenue Agents
Commodity Marketer	Economists

## Health Science Pathway



### Possible Career Examples

CNA	Nursing
CMA	Home Health
EMT	Medical Clinics
Physical Therapy	Sports Medicine
Occupational Therapy	Dentistry
Pharmacy Assistant	Forensics

### Introductory Level

- Intro to Health Care
- Biology
- Chemistry

### Technical Level

- Anatomy and Physiology
- Advanced Biology
- Medical Terminology - (online only WSUTech)

### Application Level

- Certified Nursing Assistant - CNA (WSUTech)
- Certified Medication Aide - CMA (WSUTech)
- Health Care Workplace Experience  
(typically placed with an industry mentor: School to Career Program)

## BioMedical Pathway



### Possible Career Examples

Biomedical Scientist  
Medical Research  
Medical Lab Analytics  
Forensics  
Genetics  
Immunology  
Microbiology  
Orthopedics

### Introductory Level

- Biology
- Chemistry
- Computer Applications I&II

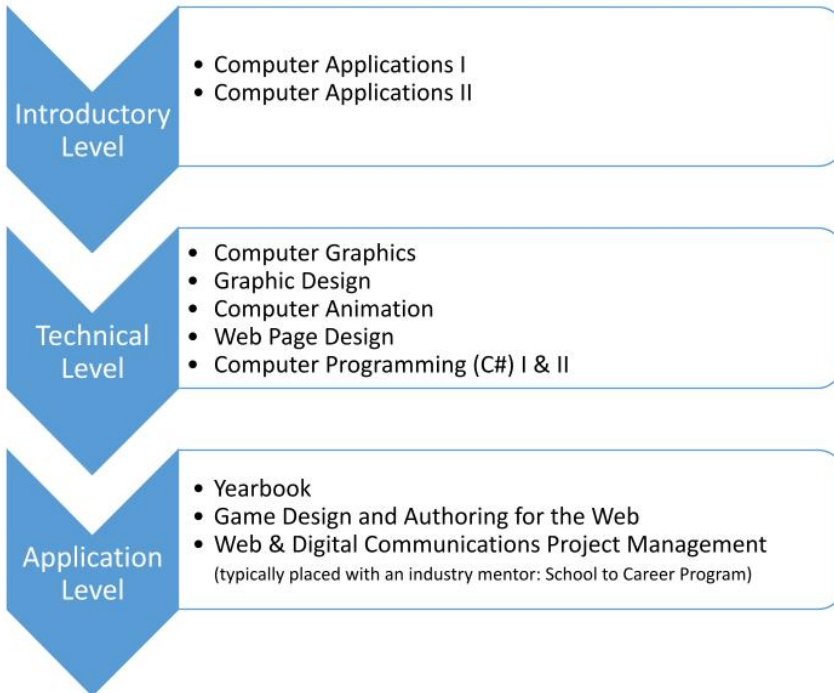
### Technical Level

- Anatomy and Physiology
- Advanced Biology

### Application Level

- Emerging Technologies - Machine Tool Tech - CAM
- Bioengineering
- Biomedical Workplace Experience  
(typically placed with an industry mentor: School to Career Program)

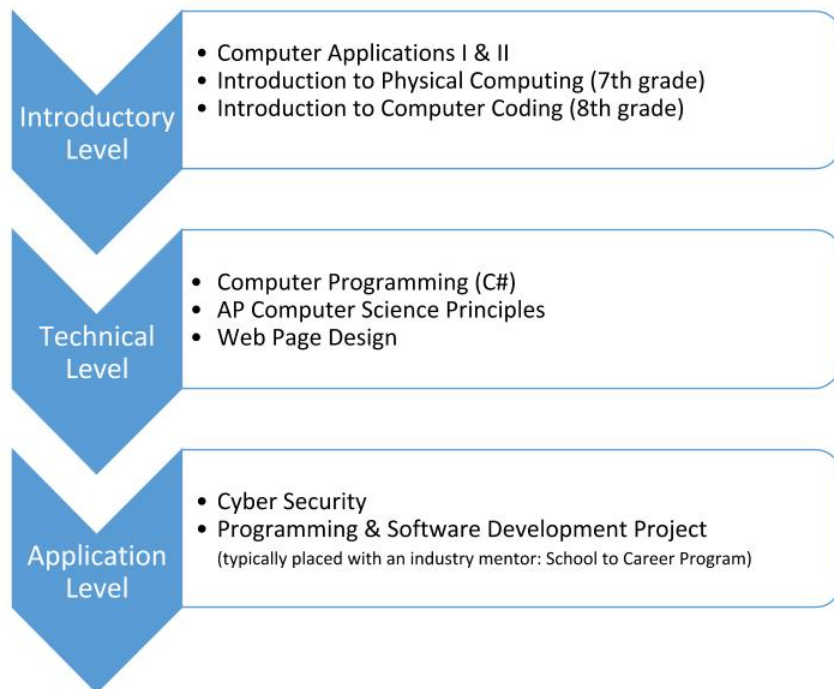
## Web & Digital Communications Pathway



### Possible Career Examples

Digital Media  
2D/3D Artist  
Animator  
Web Designer  
Media Specialist  
Social Network Specialist  
Webmaster and/or Site Developer  
Multimedia Author  
Production Assistant

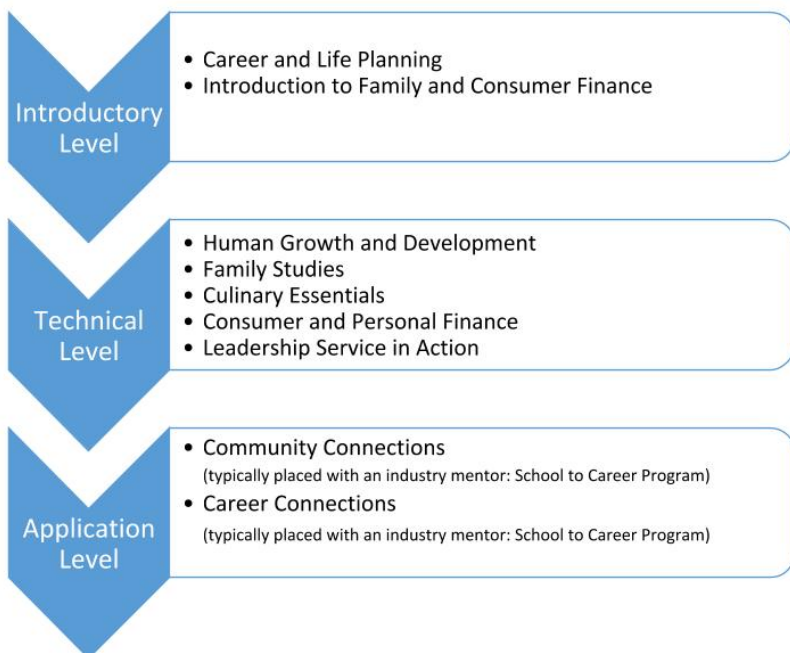
## Programming & Software Pathway



### Possible Career Examples

Computer Programmer  
System Analyst  
Software Quality Assurance Engineer  
Information Security Analyst  
Software Developer  
Computer Hardware Engineer  
Computer and Information Research Scientist

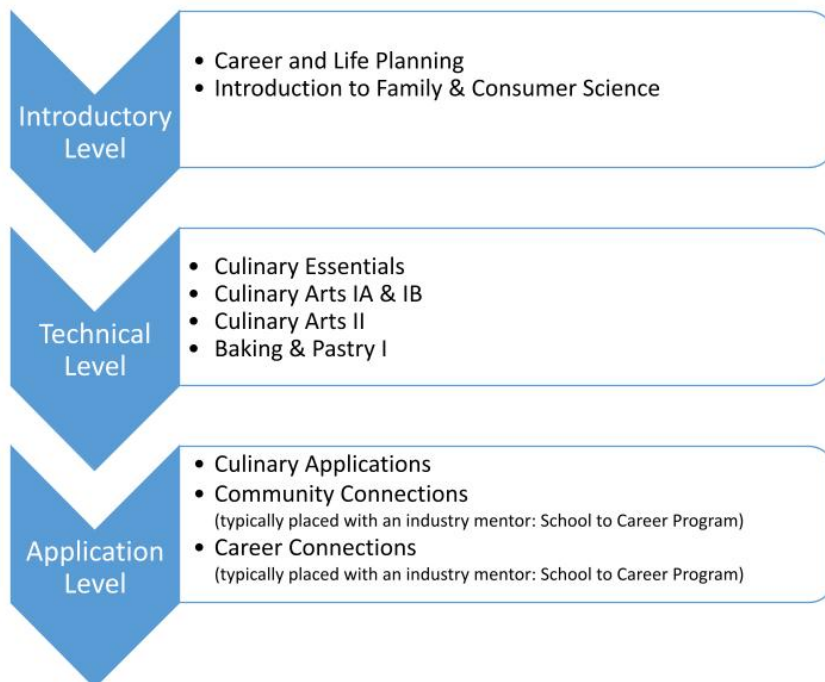
## Family, Community and Consumer Services Pathway



### Possible Career Examples

Customer Services Representative  
Child, Family and School Social Worker  
Psychologist  
Family and Consumer Sciences  
Marriage and Family Therapist  
Dietitian  
Personal and Financial Advisor

## Restaurant and Event Management Pathway

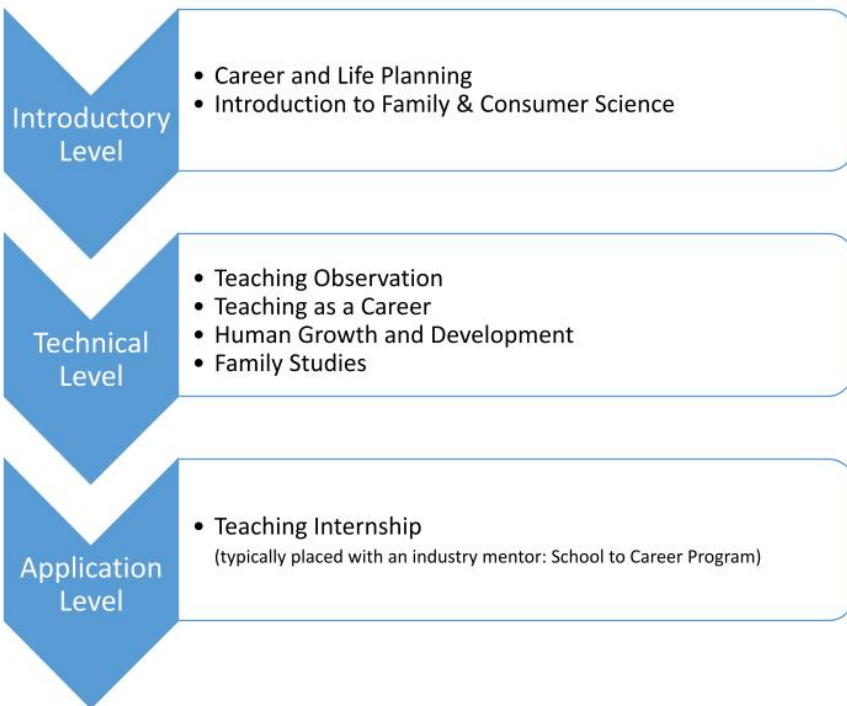


### Possible Career Examples

Sous Chef  
Banquet Chef  
Pastry Chef  
Executive Chef  
Food Production Manager  
Food Service Director  
Catering Director



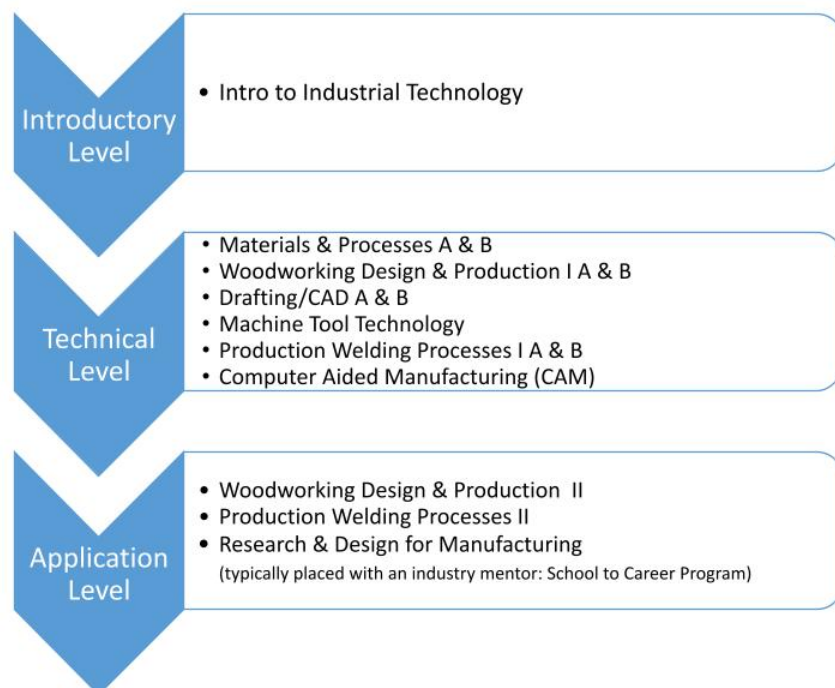
## Teaching & Training Pathway



### Possible Career Examples

Teachers	Workforce Trainers
Distance Learning	Adult Literacy
Ed Administrators	Teacher Assistants
Tutors	Elementary Education
Librarians	Secondary Education
Coaches	Preschool Teacher

## Manufacturing Pathway



### Possible Career Examples

Fabricators	Engineering Technician
Assemblers	Extruding & Forming
Welders	Hoist & Winch Operator
Coating & Painting	Machine Tool Operator
Tool & Die Makers	Electrical Repairs
Sheet Metal Worker	Foundry Mold Maker

## **ORGANIZATIONS AND OTHER EXTRACURRICULAR ACTIVITIES**

**Art Club**—Art Club gives students who are currently enrolled in art or who have previously taken art the opportunity to practice their art skills, work with other art students on projects to benefit our school, learn more about art and art history, and compete in art shows.

**C-Club**--Anyone who has lettered in academics, an extracurricular activity, or a sport is eligible and encouraged to join this lettermen's/women's club. Citizenship and leadership responsibilities are encouraged through club activities. Activities include helping with athletic events, sponsoring the Costume Dance, Operation SOS, Donkey Basketball, Relay for Life, Powder Puff Football, Buff-Puff Volleyball, Senior-Faculty Games, and providing scholarships to seniors.

**Drama** Department--All students at CHS are eligible to try out for a part or serve on a crew for the all-school plays presented each semester. All actors and crew members must maintain the same eligibility standards required of the athletes. Parental permission is also required. At least two major productions will be presented each school year. A minimum of one musical will be produced biannually. Besides acting and/or singing, students will be responsible for work on publicity, set, props, costumes, makeup, lighting, sound, and other crews as needed. Students can letter in drama upon their active participation in the shows each year, earning points for participation. Drama students are eligible to join the International Thespian Society.

**Speech and Drama (Forensics)**—All CHS students who are academically eligible may participate on the forensics team during spring semester. The team will compete on Saturdays and some week nights during spring semester. Students can compete in various speaking, acting, and interpretation events (i.e. informative speaking, duet acting, solo acting, interpretation of prose.) It is strongly advised that students first enroll in the forensics class in order to understand the events and competition guidelines. Students not enrolled in the forensics class may compete if they have approval from the coaches and have proven they are ready with adequate practice with one of the coaches. In order to letter in forensics, out-of-class participants must compete in the minimum required tournaments and qualify and compete at state festival or at state championships.

**KAY Club**—KAY Club (The Kansas Association for Youth) is a service organization with an emphasis on character and leadership building. KAY Club is open to all students, and most meetings and activities are held during school hours. The Clearwater High School KAY Club is led by a Board, elected annually by members, and is directed by the Kansas State High School Activities Association. This organization provides students an opportunity to learn to assume their citizenship responsibilities and to enrich the lives of others through projects, programs, and parties. Programs are meant to educate, inspire, and direct members into service projects. These projects emphasize four areas of service – school, community, nation, and world. Two conferences, one specifically for the Board, and one for all members, take place each year.

**National Honor Society**--The purpose of NHS is to promote and encourage scholarship, service, leadership, and character. To be considered for membership a student must be at least a second semester sophomore, have at least a 3.75 cumulative grade point average, complete a Student Activity Information Form detailing activities, honors, and courses taken, and submit a letter of reference. Students meeting the requirements are rated on scholarship, service, leadership, and character by a five-member faculty council. Those selected by the council are inducted into NHS in the spring. NHS is a service organization that sponsors such activities as welcoming new students, adopting a family at Christmas, organizing and working the bloodmobile, and helping with other school activities and service projects.

## **ORGANIZATIONS AND OTHER EXTRACURRICULAR ACTIVITIES**

**Scholars' Bowl**--This is an academic student organization. Students who sign up will periodically compete (usually Saturdays) with Scholars' Bowl teams from other schools in a competitive question/answer game format. Students can letter in Scholars' Bowl.

**Student Council**--This is the student leadership organization for Clearwater High School. Each class elects four Student Council representatives. In the spring, Stuco officers are elected by the entire student body after candidates campaign for the office they are seeking. Activities include sponsoring homecoming, Season of Sharing, school dances and royalty elections, and providing scholarships to seniors.

**Students Against Destructive Decisions**--The S.A.D.D. organization was established in Clearwater in 1987. This organization is open to all student body members. Many activities are planned and participated in year-round by members, including winter royalty, Red Ribbon Week, and other events. An annual scholarship is awarded to a senior.

**Fellowship of Christian Students**—Students involved in FCS meet once a week before school for a time of worship and praise. Meetings provide an opportunity for fellowship and support through student-lead programs and discussions. All CHS students are welcome.

**Family, Career and Community Leaders of America**—FCCLA is a student led organization through the Family and Consumer Sciences (FCS) department. Students are eligible to join if they are currently enrolled in or have previously taken a class in the FCS department. FCCLA is a district, state and national level organization with meetings and competitions held at each level. Members will have the opportunity to develop leadership skills by planning and carrying out projects within the school, community or their personal life and take those projects to competitions. District meetings are held in October and February, state meetings are held in August and April, and national meetings are held in November and June/July each year. FCCLA is an opportunity to be involved in community and school service projects, develop and improve leadership and communication skills as well as represent the school on a state and national level.

**Athletics**--The following sports are available for Clearwater High School students: football, cross country, volleyball, basketball, wrestling, cheerleading, softball, baseball, track, golf, powerlifting, dance team, and flag team. Soccer will be offered through a KSHSAA cooperative agreement when Campus High School allows our students to participate.

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## ART

**\*\*STUDENTS ARE REQUIRED TO PAY FOR PROJECT MATERIAL USED\*\***

### **Drawing and Painting I** (9-12) (One semester)

The course will consist of nine weeks of drawing and nine weeks of painting. Students will learn how to use value/shading and how to draw to scale using grids. The painting section will include learning color theory and art history. Students will learn to mix color and paint with acrylics. A lot of technique will be incorporated into the class.

### **Drawing and Painting II** (9-12) (One semester) (Prerequisite: Drawing and Painting I)

The course will consist of nine weeks of drawing and nine weeks of painting. The drawing portion will focus on figure drawing and working with pen and ink. In the painting portion students will be learning how to paint with watercolors through a variety of methods and techniques. A lot of technique will be incorporated into the class.

### **Drawing and Painting III** (10-12) (One semester) (Prerequisite: Draw and Painting I & II)

The course will consist of nine weeks of drawing and nine weeks of painting. The drawing portion will consist of colored pencil, charcoal, and chalk pastel drawings, and students will be taught different methods for using each of those things. The painting portion will include instruction on properly using oil paint and building canvases. A lot of technique will be incorporated into the class, but students will also have more freedom with their subject matter.

### **Mixed Media I** (9-12) (One semester)

The course will consist of six to nine weeks of ceramics, which includes different methods of hand building (coil, pinch, and slab). The class will then explore several different media in art and do a variety of projects such as printmaking, bookbinding, and sculpture. Art History will be incorporated into the class.

### **Mixed Media II** (9-12) (One semester) (Prerequisite: Mixed Media I)

The course will consist of six to nine weeks of ceramics, which includes wheel throwing and large scale sculpture using a variety of hand-building techniques. Students will spend the remainder of the time exploring a variety of media such as but not limited to textiles, paper art, and large scale sculpture. Through these remaining projects they will also learn about art history and different cultures.

### **Advanced Art Studio** (11-12) (One semester) (Prerequisite: Draw and Painting I, II, & III and Mixed Media I & II)

Students need to have basic knowledge of the media covered in all of the Drawing and Painting and Mixed Media classes. The course is project based, emphasizing original, creative ideas. Students will be given a wide variety of projects to choose from. Every four to five weeks students will complete one of these pre-approved projects of their choosing. Higher level artwork will be expected in this class. The class may be repeated for credit.

## **ART**

### **Advanced Art Career Readiness** (11-12) (One semester) (Prerequisite: Draw and Painting I, II, & III and Mixed Media I & II)

This class is designed to expose students to possible careers in the art world. Lesson plans will put students in real-world scenarios where they will be asked to do what an actual art professional might do. Examples of career options are, but are not limited to, interior designer, graphic designer, animator, photographer, and art educator. Students will also be asked to keep a professional portfolio of past and current work. Students enrolled in Advanced Art Studio who desire a second art class, will enroll in Advanced Art Career Readiness.

## **BUSINESS**

### **Accounting A** (10-12) (One semester)

Accounting is the language of business, and anyone interested in pursuing a career in the business field will be able to apply the concepts of this course. The Accounting A course is offered first semester and introduces the fundamental accounting principles and procedures used in a service business. Course content includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are used.

### **Accounting B** (10-12) (One semester) (Prerequisite: Accounting A)

The Accounting B course is offered second semester and introduces and expands upon the fundamental accounting principles and procedures used in a merchandise business. Course content includes the full accounting cycle, payroll, taxes, debts, depreciation, ledger and journal techniques, and periodic adjustments. Students may learn how to apply standard auditing principles and to prepare budgets and final reports. Calculators, electronic spreadsheets, or other automated tools are used. Business simulation packets put students into real world application of the accounting cycle and procedures.

### **Advanced Accounting** (11-12) (One semester) (Prerequisite: Accounting A and B)

The Advanced Accounting course expands upon the foundational accounting principles and procedures used in business. This course is designed for individuals interested in a career in accounting or business. Students will be completing accounting simulations that will relate classroom knowledge to workplace application. Students will be given opportunities for mentor and shadowing experience as well as advanced accounting principles and concepts. Students will receive one full credit upon successful completion of this one semester class.

### **Intro to Business** (9-12) (One semester)

This course is designed to give students an overview of the business, marketing, and finance career cluster occupations. Students will also be exposed to daily life skills needed to manage personal finance including economics, budgets, taxes, banking, credit, investing, and insurance. Students will explore various careers using interest inventories, employability skills, and costs of future training/education. Resumes, cover letters, and applications to apply for employment online will be completed. With the increased use of technology in the workplace, business ethics including proper use of company time, internet use, and document correspondence will be explored.

### **Entrepreneurship** (10-12) (Full year)

Entrepreneurship is supported by the non-profit Youth Entrepreneurs and the Clearwater Community Foundation as funded by Charles Engineering. The curriculum brings business studies to life through experiential learning, executed in real, market-based scenarios. Youth Entrepreneurs (YE) cultivates an entrepreneurial mindset through its experiential learning model and opportunities to apply those learnings, fostering personal transformation and self-actualization, empowering students to overcome barriers and positively impact their communities. Students will participate in a variety of projects and activities based on the eight Foundational Values of the YE Program and benefit from networking and scholarship opportunities. Activities include Market Day, Business Plan Competition, Pit and others.

## **BUSINESS**

### **Business Law** (11-12) (One semester)

Business Law begins with a study of the origin of laws in the U.S.--how they came about, why they came about, and who they are to protect. Units in criminal law, civil law, contract law, and family law will be covered thoroughly during the semester. A field trip will be taken to the Sedgwick County Courthouse in Wichita. This will allow students to observe courtroom actions in progress. The class will conduct mock trials in which every student participates. Through acting the part of a judge, clerk, witness, juror, or reporter, students will be able to see the steps in the trial proceedings.

### **Career and Life Planning** (9-12) (One semester)

This course is recommended for all students, especially those interested in School to Career. Students will compare and contrast occupations that fit individual interests, financial benefits, and personal life goals using a variety of interest and skill inventories. The course emphasizes goal-setting and decision-making. The students will develop an understanding of the process of completing job applications, resumes, and interviewing skills.

### **Consumer and Personal Finance** (11-12) (One semester)

This course is required during the junior or senior year for any student who has not taken Business Essentials. The class will give students the knowledge and skills necessary to be financially successful. It is designed to assist with building financial knowledge as it relates to personal life. Students will study several topics including earning and maintaining good credit (credit cards, credit applications, reports), financing college and career studies (student loans, scholarships, FAFSA), personal budgeting, banking services (various types of accounts), investments (short and long term), and insurance (risks, premiums, underwriting).

### **Marketing** (10-12) (One semester)

Students will complete a variety of projects focusing on the wide range of factors that influence the flow of goods and services from producer to consumer. The course examines present-day marketing systems and has a current events component to help emphasize the marketing principles in today's business world. Topics include market research, the purchasing process, distribution systems, warehouse and inventory control, salesmanship, sales promotions, pricing, shoplifting and theft control, business management, entrepreneurship, human relations, computers, and economics.

### **Business Communications** (9-12) (One semester)

This course is designed to improve writing, speaking, and interpersonal communication skills necessary to be successful in most businesses and industries. Students will improve on informal and formal communication through the use of proper word choice when developing clear and concise information distribution as well as narrative and persuasive forms.

### **Investing** (11-12) (One semester)

This course will help students demystify investing and the stock market while giving them the tools to start making money. Students will be exposed to a variety of investing options including, but not limited to, stocks, bonds, mutual funds, index funds, commodities, and new products like ETFs, Crypto, and NFTs. Students will evaluate investments from safe products to protect their nest egg to riskier options with a huge potential to make a killing. Investing can be confusing. Using examples, actual stories from real investors, learning from financial advisors, and great online resources, students will learn about the complexities of investing. By the time you have completed this course, you will have found a few investments to start your investment portfolio with right away with the assurance that you know what you are doing.

## **COMPUTER SCIENCE**

### **Computer Applications I** (9-12) (One semester)

Students will demonstrate competencies on Microsoft Word and Excel. Students will be given the opportunity to become Microsoft Office Specialist Certified in Word and Excel. This is a skill that can be listed on a job application or resume. Basic computer terminology, networking, and use of Windows will be emphasized. Comparison and navigation of the Office platform versus the Google platform will also be made.

### **Digital Data Literacy** (9-12) (One semester)

In digital data literacy students learn to manipulate and analyze data using Word, Excel, PowerPoint and Access. This course will be project-based focusing on the basic principles of business. It will also compare societal impacts of computing. It may be taken for college credit through WSU Tech. This course will meet the .5 credit computer and technology credit required for graduation.

### **Computer Graphics** (9-12) (One semester) (Prerequisite: Computer Applications I)

Show off your artistic side using technology. Students will learn to create a variety of computer generated graphics. With the use of programs such as Photoshop, Premiere, and Maya, students will have the opportunity to create and enhance digital graphics and videos using professional grade software. This course can be taken for fine arts credit.

### **Web Page Design** (10-12) (One semester) (Prerequisite: Computer Graphics)

Ever wonder why some webpages keep your attention and others lose it? Use HTML, CSS, and JQuery to create static and interactive webpages to be displayed on multiple sizes of screens. Students will also be introduced to layout practices such as use of graphics, text, white space, contrast, alignment, and more. Take this class to learn to create professional, functional, and unique websites. This course can be taken for fine arts credit.

### **Graphic Design** (10-12) (One semester) (Prerequisite: Computer Graphics)

This course explores combining graphics and text to communicate an effective message in the design of logos, graphics, brochures, flyers, advertisements, business forms, newspapers, posters, signs, billboards, and any other type of visual communication for the world of graphic design and advertising. Students will learn the principles of page layout and the elements of design. This course can be taken for fine arts credit.

### **Computer Animation** (10-12) (One semester) (Prerequisite: Computer Graphics)

Students will learn video and motion graphic techniques throughout this course. Adobe Animate, After Effects, and Maya will be used to create 2D and 3D animations. Video concepts such as storyboarding, cuts, pre and post production, and much more will be used in projects throughout the semester. Students will leave this course understanding how to create a video, motion graphics, or animation project using professional software.

## **COMPUTER SCIENCE**

### **Computer Programming I** (10-12) (One semester) (Prerequisite: Geometry or concurrent enrollment in Geometry)

This course is designed to develop the students' programming and problem solving skills. Students interested in the fields of mathematics, programming (including games), or engineering would benefit from the class. Basic knowledge of the C# programming language will be taught. Emphasis will be on problem solving, algorithm design and implementation, and structured programming skills. Students will learn to create their own basic games. Any freshman interested in taking this course could be allowed with teacher approval ONLY.

### **Computer Programming II** (10-12) (One semester) (Prerequisite: Computer Programming I with a "C" or better)

Have you ever wanted to develop your own windows based computer games? This course will continue developing C# skills. The course is entirely project based, with students creating windows applications as well as logic and strategy games. Students may elect to receive college credit from Newman University by taking this class and meeting the requirements. College credits transfer to most colleges and universities. Students will have the opportunity to work with the NAO robot as well.

### **CSP: Computer Science Principles** (9-12) (Full year)

This course will give students who are interested in technology a broad overview of the computer science industry. Units in programming (Python), the internet (HTML, CSS), societal impacts of data, basic electronics, and intelligent behavior will be covered. Students will be expected to be able to create, edit and manipulate documents using word processing, spreadsheet, database, and presentation software. This course will meet the .5 credit of computer and technology graduation requirement.

### **Game Design and Authoring the Web** (11-12) (One semester)

(Prerequisite: Computer Programming I required, Computer Graphics recommended)

Students will have the opportunity to design, program, and create basic video games. The course will use the Unity game development platform to build upon the basic C# programming concepts and design skills that were developed in previous courses but are essential to developing a video game. Topics covered are math, physics, level design, and computer programming. This course will instruct students on how to use problem solving in real world situations.

### **Cybersecurity** (11-12) (One semester) (Prerequisite: CSP and Computer Programming I)

Students develop an understanding of cybersecurity and information assurance. This includes development of secure systems in terms of hardware, software, and the human computer interface, including aspects of cryptography and secure computer and network interactions. Successful participants will develop a way of thinking that is security oriented, a better understanding of how to think about adversaries, and learn how to build systems that defend against them.

## **FAMILY AND CONSUMER SCIENCES**

### **Intro to FCS** (9-12) (One semester)

This is the entry level course offered through the FCS Department. This course covers the basic areas of self-concept, human growth and development, interpersonal relationships, child development and parenting, nutrition and wellness, consumerism, clothing and textiles, and home management and design to give students a basic understanding of the different areas of Family and Consumer Science.

### **Human Growth and Development A** (9-12) (First semester only)

Students will learn about human development and growth across the lifespan. Students will learn the physical, intellectual, social, and emotional development of all ages. They will participate in the computerized infant care project.

### **Family Studies** (9-12) (One semester) (Prerequisite: Human Growth and Dev A)

Students will study the family system, cultural differences in roles and responsibilities of families and compare parenting styles. Students will evaluate how parenting influences human growth and development. The family life cycle will be studied, as well as external support systems provided to families. Students enrolled in the class will also observe students in the elementary setting.

### **Interior Design** (9-12) (Second semester only)

The course will focus on housing styles of the past and present, housing financial planning, elements and principles of design, floor plan evaluating and drawing, storage and home maintenance, furniture selection and styles. Students will complete home decorating and home design projects using interior samples and become aware of housing careers. This class counts as ½ credit of the 1 credit of Fine Arts required for graduation.

### **Culinary Essentials** (9-12) (One semester)

Students will learn the fundamentals of reading recipes, measuring, figuring costs of recipes, and common food production skills and management. Topics studied will include sanitation and safety, equipment, table settings, and a wide range of food preparation. Students will practice appropriate skills in the classroom and learn how they relate to work like situations. The students will earn their ServSafe Food Handler certification. (Lab Fee \$10.00)

### **Culinary Arts IA** (9-12) (One semester) (Prerequisite: Culinary Essentials)

Students will prepare menu items from a variety of food products. Food items include fruits, vegetables, beef, pork, seafood, and poultry. Students will also determine how food costs are determined and will learn about menu pricing. (Lab Fee \$10.00)

### **Culinary Arts IB** (10-12) (One semester) (Prerequisite: Culinary Arts IA)

Students will create a variety of menus. They will learn how to modify recipes to meet consumer needs. Students will create a several course meal within a class period. (Lab Fee \$10.00)



## **FAMILY AND CONSUMER SCIENCES**

### **Culinary Arts II** (10-12) (One semester) (Prerequisite: Culinary Arts IA & IB)

This course builds upon the Culinary Arts IA and IB courses by expanding student knowledge, skills, and practices. Whereas Culinary Arts I classes focused on beginning culinary skill development, Culinary Arts II expands those skills as well as adding topics such as event management, internal and external customer service, and working with special dietary needs. (Lab Fee \$10.00)

### **Baking and Pastry I** (9-12) (One semester) (Prerequisite: Culinary Essentials)

This course looks at the baking and pastry industry and the equipment and procedures required. Topics include baking science, ingredient function, and methods used for a quality product based on industry standards. (Lab Fee \$10.00)

### **Sewing** (9-12) (One semester)

Basic sewing terms, use and care of the sewing machine, sewing and pressing equipment, seams and seam finishes, construction details such as pockets, buttons, and zippers are covered. Students will use the regular sewing machines. Students will create items with both woven and knit fabric. Projects may include quilt blocks, leggings, shirts, bags, and pillow case with name. Limit: 20.

### **Leadership Service in Action** (9-12) (One semester)

Leadership Service in Action courses provide students with the opportunity to analyze real world issues of concern, refine an action plan, and apply leadership, teamwork, and decision making skills through civic engagement and service learning within Family and Consumer Sciences. The course promotes empowerment of students to assume advocacy roles in family, community, and FCS/human services business and industry environments. FCCLA membership is not required but is highly encouraged.

## **FOREIGN LANGUAGE**

### **Spanish I** (9-12) (Full year)

An understanding of basic English grammar and parts of speech are necessary before enrolling in this course. The goal is to learn the building blocks of the Spanish language in a communicative and immersive manner. Emphasis will be placed on target vocabulary structures, the present tense, and sentence and question structures. Students will learn to write and speak about a variety of topics and ask and answer simple questions in the language. They will be exposed to the Spanish culture and will learn a few differences between American culture and that of Latin America and Spain. Topics will include, but are not limited to, greetings and family customs, holidays and traditions.

### **Spanish II** (10-12) (Full year) (Prerequisite: Spanish I with a “C” or better)

Students with concerns should speak with the instructor prior to enrolling. The course will build on the first-year Spanish course. Students will continue and further their study of the language with more complex target structures. Students will be able to speak and write more fluidly about a variety of topics. They will be able to ask and answer questions and begin explaining their answers and expressing opinions in Spanish. Students will also continue to explore the culture.

### **Spanish III** (11-12) (Full year) (Prerequisite: Spanish II with a “C” or better)

Students with concerns should speak with the instructor prior to enrolling. Students will have a chance to review what they learned in the Spanish I and II courses and further study the language in a communicative and immersive manner. Students will work on fluency in writing and discussing various topics and will continue working on expressing individual thoughts and opinions in Spanish. Short films, songs, poems, articles, and/or short stories are a few ways that students will use to expand their knowledge of the language and culture.

### **Spanish IV** (12) (One semester – May be taken both semesters)

(Prerequisite: Spanish III with a “B” or better and instructor approval)

This is an independent study class. Students need to choose a focus of study for the semester from the list below. Other focus topic ideas may be presented by the student to the instructor.

Culture -- The student will choose a country to focus on. The student will choose a country to focus on and will delve into that country’s particular culture and learn more about it. We will touch on colloquial phrases, celebrations, geography, people, and government. We will continue to use Spanish as we talk and present about the country.

Grammar and Writing -- We will refine our grammar skills and focus on writing with precision.

Literature -- We will look at authentic materials and read and discuss in Spanish.

Cinema -- Movies will be used to explore Spanish language and culture more thoroughly, specifically using the genre of realism magico, which is common in Latin American cinema.

Careers -- If students have a career goal that involves Spanish, we will develop and practice vocabulary specific to that career designed to help the student be successful.

Conversation -- The student’s main goal is functional Spanish. We will engage in conversations, and the student will create authentic videos and presentations in Spanish using popular media.

## **HEALTH CAREER PREP**

### **Intro to Health Care** (9-12) (One semester)

This course provides students with the basic knowledge of health/wellness professionals in private business and industry. It integrates the skills necessary for working in a healthcare related field by encouraging the development of strong interpersonal skills and both verbal and written communication skills. Special emphasis is also given to an introduction to medical terminology and an introduction to the laws and aid programs found in the healthcare industry. Students will also put their case study analysis, laboratory, and research skills to the test while playing the role of a provider/researcher in a variety of healthcare related fields and will have the opportunity to investigate potential careers in the healthcare industry. Grading is based on daily work, quizzes, group work, labs, and exams. Students should have an interest in a healthcare related field and be willing to develop the skills necessary for working in the healthcare industry.

### **Medical Terminology** (10-12) (One semester ) (Online only) (Prerequisite: Biology)

The class presents basic principles of medical wordbuilding. The study develops competencies in the basic elements forming medical words, categorizing major suffixes and group prefixes. Anatomical, physiological and pathological terms are reviewed so students better understand special medical procedures. This is the introductory course in medical terminology and is intended for all who desire knowledge in this subject. **The course will be taken online through WSU Tech.** This course is offered tuition free, but a book purchase may be required.

### **Certified Nursing Assistant (CNA)** (11-12) (First semester only)

(Prerequisite: At least a 2.5 cumulative gpa and a qualifying reading score)

This course will provide students with training in basic nursing skills needed to assist in a variety of healthcare settings. The course is developed with the Kansas Department for Aging and Disability Services. The Certified Nursing Assistant Curriculum Guidelines is the backbone of the course. Course time includes the didactic portion, skills lab time in the classroom, and clinical time in an area long-term care facility. Occasional extra clinical hours outside of the regular school day are required during the semester. This course is offered through Wichita Area Technical College for a cost of approximately \$155. To receive certification as a CNA, students must pass the state CNA examination upon completion of the course. Students will also receive Home Health Aide instruction as part of the semester.

## **INDUSTRIAL TECHNOLOGY**

### **Materials and Processes A** (9-12) (One semester)

Basic instruction is given in woodworking, including a CNC (Computer Numerically Controlled) project completed on the CNC router. Safety and instruction on all woodworking machines are stressed. Precision construction techniques, basic shop math, hand tools, finishing, project design and wood selection will also be covered. Workmanship, PRIDE, and responsibility are emphasized. First project will be assigned. Safety glasses required. A \$10 fee will be required Limit: 14

### **Materials and Processes A** (9-12) (One semester)

An effort will be made to create a ladies only section of Materials and Processes A. Learn the basics of woodworking creating projects you choose. Basic joinery and techniques along with an introductory unit utilizing the CNC router will be covered. Safety glasses required. Limit: 14

### **Materials and Processes B** (9-12) (One semester) (Prerequisite: Materials and Processes A)

This class incorporates advanced techniques using CAD and CNC applications in producing wood based projects. The class will emphasize joinery, project design, basic box construction, and casework. All materials are paid for by the student. Safety glasses required. Limit: 14

### **Woodworking Design and Production A** (10-12) (One semester) (Prerequisite: Matl & Proc B)

Students will work on the design and production of an advanced woodworking project. Emphasis will be placed on the principles of design incorporating proportion, texture, balance, and color. Advanced joinery and its proper application will be incorporated into the design process as well. This course can be taken for a fine arts credit. All materials are paid for by the student. Safety glasses required. Limit: 14

### **Woodworking Design and Production B** (10-12) (One semester)

(Prerequisite: Woodwork Design & Prod A)

Students work on the design and production of an advanced woodworking project. Knowledge and experience will be gained through various projects. Emphasis is placed on the principles of design incorporating proportion, texture, balance, and color. Advanced joinery and its proper application will be incorporated into the design process as well. This course can be taken for a fine arts credit. All materials are paid for by the student. Safety glasses required. Limit: 14

### **Intro to Technology** (9-12) (One semester)

Students will explore various components of Industrial Technology including woodworking, welding, drafting, metalworking, and CNC technology. Every student will create take home projects. All materials are paid for by the student. Safety glasses required. Limit: 14

### **Drafting/CAD A** (10-12) (One semester)

Students will study orthographic projection utilizing AutoCAD (Computer Aided Drafting Software). Also covered will be auxiliary views and section views. Emphasis will be placed on dimensioning and working within tolerances. Once Drafting/CAD A and B are completed, students may receive dual credit for CHS and WSU Tech (3 credit hours) at no charge. Limit: 14

### **Drafting/CAD B** (11-12) (One semester) (Prerequisite: Drafting/CAD A)

Students study advanced orthographic projection utilizing AutoCAD (Computer Aided Drafting Software). Also covered will be auxiliary views and introduction to 3-D solid constructions. Once Drafting/CAD A and Drafting/CAD B have been completed, students may receive dual credit for CHS and WSU Tech (3 credit hours) at no charge. Limit: 14

## **INDUSTRIAL TECHNOLOGY**

### **(CAM) Machine Tool Technology A** (10-12) (One semester)

This class will provide an introduction to machining utilizing Bridgeport Mills, lathes, and CNC equipment as an introduction to coordinate machining. Students will also use MasterCAM software to design and apply toolpaths for a project. Safety glasses required. Once Machine Tool Tech A and Machine Tool Tech B have been completed, students may receive dual credit for CHS and WSU Tech (3 credit hours) at no charge to the student. Limit: 8

### **Machine Tool Technology B, A II, B II** (10-12) (One semester)

(Prerequisite: Machine Tool Technology A)

Emphasis will be placed on CNC machining and programming in advanced classes with some manual machining required. Projects will include individual design concepts and ideas. Safety glasses required. Once Machine Tool Tech A and Machine Tool Tech B have been completed, students may receive dual credit for CHS and WSU Tech (3 credit hours) at no charge to the student. Limit: 8

### **Production Welding Processes IA** (10-12) (First semester only)

Students will learn the basics of arc, wire, and oxy-acetylene welding. Cutting with a torch and brazing are also covered. When sufficient skills are shown through practice welds, simple projects are possible. Projects will be assigned. Safety glasses required. An \$18.00 material fee covers rods, electrodes, gasses, blades, and wheels. Limit: 12

### **Production Welding Processes IB** (10-12) (One semester) (Prerequisite: Weld Processes IA)

Welding skills are developed and refined through the completion of a variety of welding projects. The class is devoted strictly to hands-on welding experience. Projects may be student initiated but will be assigned if the student does not have a project. All projects begun must be completed satisfactorily to insure a passing grade. Safety glasses required. An \$18.00 material fee covers gasses, rods, blades and wheels, wire, electrodes, etc. This course may be taken for dual credit for CHS and WSU Tech (1 credit hour) at no charge to the student. Limit: 12

### **Production Welding Processes IIA** (11-12) (One semester)

(Prerequisite: Production Welding Processes IA and IB)

Advanced welding processes will be introduced in addition to various welds and position techniques. TIG welding using steel and aluminum will be covered. Students may construct personal projects upon instructor approval. An \$18.00 material fee covers gasses, rods, blades and wheels, wire, electrodes, etc. Once Welding Processes IIA and Welding Processes IIB are completed, students may receive dual credit for CHS and WSU Tech (4 credit hours) at no charge to the student. Limit: 12

### **Production Welding Processes IIB** (11-12) (One semester)

(Prerequisite: Production Welding Processes IA, IB, and IIA)

Advanced welding processes will be stressed in conjunction with advanced TIG welding procedures and positions. Students may construct personal projects upon instructor approval. An \$18.00 material fee covers gasses, rods, blades and wheels, wire, electrodes, etc. Once Welding Processes IIA and IIB have been completed, students may receive dual credit for CHS and WSU Tech (4 credit hours) at no charge. Limit: 12

## **LANGUAGE ARTS**

### **Freshman English** (9) (Full year)

This course is designed to provide students with the necessary skills for speaking and writing in standard English. There will also be various literary units worked in throughout the course to provide the demonstration of the skills learned. Literary units will include the short story, poetry, drama, and a novel. The grammar aspect will cover the eight parts of speech, usage, and punctuation. Composition will cover the development of complete sentences, sentence structure, paragraphs, and essays.

### **Sophomore English** (10) (Full year)

This course integrates literature and composition aspects of language arts. Students survey short stories, poems, plays, novels, and non-fiction text. These selections help provide springboards for composition exercises, ranging from paragraphs to complete compositions. Writing segments emphasize organization and development of ideas as well as usage, mechanics, grammar, and spelling.

### **Junior English** (11) (Full year)

This course will integrate both a survey and analysis of literature with the skills of advanced composition. With an emphasis on both seminal documents and literature life in the United States (American Literature), the course expects a grade level prior knowledge of basic grammar, punctuation and capitalization skills, complex sentence structures, and paragraph knowledge, as well as the understanding of figurative language, themes, and plot elements to approach literature and writing from a critical and analytical perspective. Students begin with analysis of texts, marking of texts, and 11 sentence paragraphs and progress to longer more detailed essays ranging from 2-7 pages in length. Students can expect short and long term research, short and long term writing projects, ACT preparatory level vocabulary and grammar, peer edits, and presentation development through the use of technology. Readings include nonfiction, seminal documents, poetry, short stories, novels, and plays ranging from 1650 to present day.

### **Senior English** (12) (Full year)

This course is designed to integrate a survey of literature as well as related expository readings into senior-level composition. With an emphasis on literature and life in England, this course will review the type of formal English required in writing academic essays. This serves two purposes: preparation for college-level academic writing and/or preparation for culturally literate civic engagement. Over the academic year, students in this course will develop an understanding of how English literature has played a significant role in shaping American culture. Writing assignments will include frequent quick-writes in response to reading, a major research paper, reflections, and several essays. Reading assignments will include short stories, drama (including Shakespeare), poetry, novels, and informational selections.

### **English IV** (12) (Full year)

This is a senior-level course designed to serve students who plan to serve in the military, enter the workforce directly, or enter a technical school. Coursework will include reading and writing tasks aimed at developing and refining communication skills that employers seek. These include vocabulary expansion, technical writing, citizenship writing, informational reading (various articles), and narrative reading (novels and short stories) that includes mentor characters. Second semester, students research a topic and create an executive summary to report results. In addition, students will practice speaking and listening, expanding from casual to professional register in class presentations as well as group dialogue.

## **LANGUAGE ARTS**

### **Forensics** (9-12) (Second semester only)

Students enrolled will be able to use their speaking and acting skills to compete several Saturdays or weekday evenings, in addition to regional and state competition, during the semester as members of the school's speech and drama team. Each student will present at least five of the eleven state-approved events. Other areas of study will include types of speeches, structure and delivery of a speech. Students must qualify and compete at state festival or state championships or make an "A" in the class to letter, in addition to competing in the minimum number of tournaments. Students enrolling in Forensics must be available for Saturday competition and should check with the instructor before enrolling to discuss possible conflicts with other activities. A student must be academically eligible to compete according to KSHSAA guidelines. The class can be taken for speech credit or fine arts credit and may be repeated for more than one semester.

### **Speech** (9-12) (One semester)

Students will gain experience and confidence in speaking. Areas covered will include introductions, interpersonal communication, group discussion, interviews, and informative and persuasive speeches.

### **Introduction to Theatre** (9-12) (One semester)

Students in this class will gain experience in the basics of the theatre through activities, lessons, and research. Units of study will include acting methods and practice, theatrical styles, history of theatre, and theatre production elements (such as sets, props, costumes, etc). Students enrolled in this class will be encouraged to volunteer for one or more production crews for the all-school plays and musicals. This class meets a fine arts credit and can be repeated for credit with instructor approval.

### **Creative Writing** (10-12) (One semester)

(Prerequisite: At least a "B" in English or instructor approval)

Students will learn the skills necessary to write effectively in a variety of such creative formats as fiction, personal essays, poetry, and drama. Students will write daily journal entries and compile an anthology of their own and others' creative writing. This course cannot be repeated.

### **College Writing I** (11-12) (First semester only) (Prerequisite: Cumulative gpa of 3.0)

This dual-credit course is offered through Newman University at Clearwater High School for three hours of college credit and .5 credit of high school elective credit. Students are enrolled in this class **in addition** to Senior English class. This course focuses on college level composition, including several longer compositions, at least one of which is a research paper written in MLA style. The cost for this class will be approximately \$210.

### **College Writing II** (11-12) (Second semester only) (Prerequisite: College Writing I and cumulative gpa of 3.0)

This dual-credit course is offered through Newman University at Clearwater High School for three hours of college credit and .5 credit of high school elective credit. Students are enrolled in this class **in addition** to their Senior English class. The course will continue on from College Writing I with college level compositions, with at least one being a research paper written in MLA style. If seniors take both College Writing I and II, this will satisfy the entire year of Freshman English Composition when they go to college. The cost for the course will be approximately \$225.

## **LANGUAGE ARTS**

**College Speech** (11-12) (First semester only) (Prerequisite: At least a 3.0 cumulative gpa)

This dual-credit course is offered through Cowley Community College for three hours of college credit and .5 credit of high school elective credit. The course will cover fundamentals basic to all good private and public speaking experiences, elements in voice production and improvement, bodily movement, confidence, poise, and understanding of all types of public speeches. This class will meet the CHS requirement for ½ credit of Speech.



## **MATHEMATICS**

(Please see “Math Sequence” information on page ii of this book.)

(Calculators are recommended for all Math classes.)

### **Algebra I** (9-12) (Full year)

Students will demonstrate knowledge in the following: writing and solving story problems (one variable and variables on both sides of the equation), factoring polynomials, using functions, adding/subtracting/multiplying/dividing polynomials, solving linear equations, solving and graphing inequalities, adding/subtracting/multiplying/dividing radicals, and using the quadratic formula.

### **Geometry Concepts** (10-12) (Full year) (Prerequisite: Recommendation of high school Algebra I instructor)

This course covers all of the major concepts of Geometry. Topics include segments and angles, parallel and perpendicular lines, triangle relationships, congruent triangles, quadrilaterals, similarity, polygons and area, surface area and volume, right triangles and trigonometry, and circles. This course is designed to give the student a foundation of geometry concepts. Less emphasis is placed on proofs in this geometry class.

### **Geometry** (9-12) (Full year) (Prerequisite: Algebra I)

This course will cover the basic concepts of point, line, and plane, which are the foundation of geometry. Also, polygon identities, inequalities, and congruences will be taught using theorems, postulates, and proofs. The topics of areas, volumes, and circles will close out the year.

### **Intermediate Algebra** (11-12) (Full year) (Prerequisite: Algebra I **and** Geometry or Geom. Concepts **and** instructor recommendation)

This class is designed to prepare students for success in Algebra II. Topics covered include equations, inequalities, systems of equations, quadratic functions, and polynomials. Basic functions of graphing calculators and higher order thinking tasks supplement the curriculum.

### **Algebra II** (10-12) (Full year) (Prerequisite: Algebra I **and** Geometry **and** instructor recommendation)

This course is designed to complete the understanding of the fundamental skills of algebra. It is a rigorous course designed to provide a solid algebra base, which will prepare students for a College Algebra, FST, or Pre-Calculus course. Areas of concentration include linear and quadratic functions, polynomial equations, and exponential equations and their graphs.

### **Functions, Statistics & Trigonometry (FST)** (11-12) (Full year) (Prerequisite: Algebra II **and** instructor recommendation)

This class is for students who have Algebra I, Geometry, and Algebra II credit, but do not feel comfortable taking College Algebra or Pre-Calculus. The course will cover Statistics, Trigonometry, and College Algebra concepts and will be preparation for taking Pre-Calculus or College Algebra.

## MATHEMATICS

### College Algebra (11-12) (Full year) (Prerequisite: FST or Algebra II or instructor approval)

This course is designed for seniors. Any other students will need their present math teacher and the College Algebra teacher's approval. Students enrolled in the class may take it for dual credit from CHS and Newman University. To receive 3 hours of college credit, students must have a 3.0 cumulative gpa and have a grade of "B" or higher in College Algebra first semester or have instructor approval. Students who meet these requirements and pay tuition to Newman at the beginning of second semester will receive 3 hours of college credit, which is transferable to most colleges and universities. Students should check with colleges to determine if and how this credit will transfer. Students who do not meet the Newman University requirements may continue in the class second semester for high school credit only. The course is designed to equip both calculus and non-calculus bound students with a basic knowledge of how to apply the functions of College Algebra to real life problems. The concepts covered, but not limited to, will be linear, quadratic, polynomial, rational, exponential, and logarithmic functions, solving systems of equations, and matrices. There is a Math Lab available for any student enrolling in College Algebra. Students who plan to enroll in College Algebra need to check with his/her present math teacher (Algebra II or FST) to determine if the Math Lab would be appropriate.

### Pre-Calculus (11-12) (Full year) (Prerequisite: Algebra II)

This course is designed to provide the basic skills necessary for calculus and other upper level math classes. This course is recommended for students interested in the study of math, science, architecture, business, and computer science. Areas of concentration will include trigonometry, logarithmic and exponential functions, polynomial equations, matrices, and conic sections. Students must pass Pre-Calculus in order to enroll in Calculus.

### Calculus (12) (Full year) (Prerequisite: Pre-Calculus)

This course covers sequences and series, probability, limits and their properties, differentiation, and integration. Applications of differentiation to graphing and finding extrema, increasing and decreasing functions, and optimization problems will be included. Applications of integration will involve finding areas under curves and volumes created when revolving a function about a line. The course can be taken for concurrent credit with Newman University for 5 hours of credit if the student has a cumulative g.p.a. of 3.0 or better and pays Newman tuition. Newman credit will be awarded at the end of second semester. The credit is transferable to most colleges and universities, but students should check with schools to determine if and how credit will transfer.

### Advanced Math Lab I (11-12) (Full year) (Prerequisite: Algebra II and concurrent enrollment in College Algebra or Pre-Calculus)

This course concentrates on the curriculum for College Algebra and Pre-Calc. Enrollment is recommended for College Algebra and Pre-Calc students. Also included in the curriculum is preparation for the ACT in mathematics. The main objective is to give students more opportunity to learn higher level math concepts than can be accomplished by having class only every other day. Students receive .5 of **elective** credit each semester. It will **not** meet any of the 3 math credits required for graduation. Second semester, it is **required** for Pre-Calc students.

### Advanced Math Lab II (12) (Full year) (Prerequisite: Pre-Calculus and concurrent enrollment in Calculus)

This course concentrates on the curriculum involved in Calculus. It will meet on the day Calculus does not meet, and **enrollment is required for Calculus students**. Also included in the curriculum is preparation for the ACT in mathematics. The main objective is to give students more opportunity to learn higher level mathematics concepts than can be accomplished by having class only every other day. Students will receive .5 of **elective** credit each semester. It will **not** meet any of the 3 math credits required for graduation.

## **MUSIC--INSTRUMENTAL**

### **Band** (9-12) (Full year)

Band is open to students who have completed the previous year or have permission from the director to enroll. Emphasis is on developing music reading skills, individual technique, basic music theory, and appreciation for music through study and performance of traditional and contemporary music.

Performances will be held outside of the school day in almost ALL instances. Attendance is mandatory. During marching season the Band will perform at football games as a pep band or as a marching band. Indian Color Guard (Silky Blues) is a vital part of the Marching Indians. Color Guard auditions will be held each spring for the following fall. Expectations will be stated and acknowledged at that time. Following marching season, concert band will begin for the Symphonic Wind Ensemble. Color guard members who do not play a musical instrument will be assigned other tasks supporting the Band. Concerts for the Symphonic Wind Ensemble (concert band) will include a winter concert, state band festival, and spring concert.

Students may also participate in pep band at basketball games and may be offered other opportunities such as honor bands, solos and ensembles at regional and state festivals, as well as scholarship auditions. Students using school-owned instruments will pay a \$50 user fee. USD 264 does not rent flutes, clarinets, alto saxophones, trumpets, or trombones. Special clothing is required for performances. This class meets the KSDE Fine Arts requirement for graduation and can be repeated for credit.

### **Jazz Ensemble** (9-12) (Full year)

Members will audition during the first two weeks of school for the Jazz Ensemble, and in addition to the skills listed for Band, they will develop an understanding of different concepts of jazz. Rehearsal times may be assigned in addition to class rehearsals. Performances will be held outside of the school day in almost ALL instances. The Jazz Ensemble will perform at community events, concerts, and available jazz festivals. Attendance is mandatory. Special clothing is required for performances.

## **MUSIC--VOCAL**

### **Choir** - “Expressions” (9-12) (One semester)

This is a large choral group open to anyone with a desire to sing. Emphasis is on developing musical skills and music appreciation through a variety of available choral literature. The group will have concerts both semesters, as well as opportunities to sing outside the school. Evening performances are required. Dress clothes (slacks, dress shirts, ties for men and dresses or skirts and blouses for women) are required for performances. The class can be repeated for credit.

### **Select Vocal Ensemble** - “Blue Notes” (9-12) (Full year) (Enrollment by audition)

This group of males and females will perform a variety of music from 16th century madrigals to contemporary show choir tunes. Movements are incorporated into many of the works. The ensemble serves as a public relations group through many outside performances. Evening performances and special clothing are required. There is a money requirement for uniforms and costumes. The class can be repeated for credit.

### **Select Women’s Ensemble** - “Bel Canto” (9-12) (Full year) (Enrollment by audition)

This group of female singers will perform a variety of music from 16th century madrigals to contemporary show choir tunes. Movements are incorporated into some of the works. The ensemble serves as a public relations group through many outside performances. Evening performances and special clothing are required. There is a money requirement for uniforms and costumes. The class can be repeated for credit.

### **Select Men’s Ensemble** – “Blue Man Crew” (9-12) (One semester) (Enrollment by audition)

This group of male singers will perform a variety of music from Barbershop to contemporary tunes. Movements will be incorporated into some of the works. Evening performances and special clothing are required. There is a requirement for uniforms and costumes. Members can be enrolled in more than one ensemble. The class can be repeated for credit.

## **PHYSICAL EDUCATION**

**Physical Dimensions--Boys** (Health and Physical Education) (9) (Full year)

**Physical Dimensions--Girls** (Health and Physical Education) (9) (Full year)

This class is required for freshmen. The course is designed to provide students with knowledge and skills needed for a physically active, healthy lifestyle throughout life. The areas of focus will be health-related fitness, lifetime physical activity, and health/wellness concepts and skills, which will include the latest information on nutrition and guidelines for CPR/AED.

**Sports and Fitness** (10-12) (One semester) (Prerequisite: Physical Dimensions)

This class is for students interested in participating in traditional gym activities at a more competitive level. Students will continue to develop and improve on the knowledge and skills necessary to participate in a variety of team sport activities. Students will be strengthened physically, mentally, emotionally, and socially through competitive physical activities which push them to develop advanced skills and strategies demonstrated in game situations. Team sport activities will be played indoors and outdoors with ropes course activities included periodically. To take more than one block of Sports and Fitness in a semester, students must get permission from the instructor. This is a coed class and can be repeated for credit. Limit: 24

**Strength, Power, and Speed** (9-12) (One semester)

This course is designed to improve aspects of fitness that relate to personal performance. This includes improving one's strength, power, flexibility, speed, cardiovascular fitness, muscle endurance, agility, and skill development. Reducing the risk of athletic injuries will also be emphasized. This class is for the highly motivated student who has demonstrated his/her serious interest in improving their personal performance. Types of activities included will be weight lifting: bench press, squat, cleans, deadlift, dumbbells, and variations of these lifts. Other activities will include agility drills, sprints, bounding, plyometrics, and flexibility work. Students will be evaluated daily, and they will be tested on bench, squat, clean, deadlift, 40 yard dash, pro agility, and vertical leap at the end of each semester. To take more than one block of Strength, Power, and Speed in a semester requires written permission from the instructor. This is a coed class and can be repeated for credit. Limit: 30

**Lifetime Fitness and Activities** (9-12) (One semester)

This course is designed to promote wellness through regular participation in physical fitness activities. The need for lifetime exercise, as opposed to occasional participation, is emphasized. Specific areas of concentration will include cardio-respiratory efficiency, muscular strength, flexibility, and setting fitness goals. The fitness center will be used at the beginning of most class periods for a strength and cardio workout. Activities will include swimming, bowling, aerobics, walking fitness programs, cycling, skating, rollerblading, fitness games, outdoor adventures, ropes course, and other adventures activities. Students' progress will be evaluated at the beginning, middle, and end of a semester. This is a coed class and can be repeated for credit.

**Ropes Course Training** (10-12) (One semester) (Prerequisite: Physical Dimensions)

The class will be offered both first and second semesters and will cover the technical skills involved with the elements on the ropes course, including climbing, setting up the element, tying knots, harness securing, and belaying. The class will demonstrate that safety is of highest priority when planning, implementing, teaching, participating, and evaluating the activities of Adventure Programming. Students will also be involved with many leadership developing activities such as honesty, model behavior, creativity in problem solving, self awareness, risk taking, competency, and promotion of a shared vision. This is a coed class and can be repeated for credit. Instructor approval is required prior to enrollment. Limit: 15

## **PHYSICAL EDUCATION**

### **Personal Fitness** (10-12) (One semester) (Prerequisite: Physical Dimensions)

This class is for students who are interested in participating in fitness based activities in order to improve overall personal wellness. Class will include activities focused on different aspects of physical fitness such as flexibility, cardiovascular endurance, and muscular strength training. The fitness center will be used regularly throughout the semester to ensure a minimum of 30 minutes of cardiovascular activity is achieved in each block. Other activities will include yoga, bike riding, outdoor walks/games, circuit training, and video workout programs. This is a coed class that can be repeated for credit. Limit: 15

## SCIENCE

### **Earth and Space Science** (9-12) (Full year)

Students will investigate phenomena on earth and the universe beyond by exploring the Earth's spheres including the geosphere, hydrosphere, and atmosphere. Course topics include matter and energy, geologic structures and forces, the waters on our planet, atmospheric forces that shape our world, and the solar system. Students will use inquiry, observation, and scientific measurements to analyze their world.

### **Biology** (10-12) (Teacher approval required for freshmen) (Full year)

Biology is a major branch of science that deals with all living things. Students will develop an understanding of the basic processes essential to all living organisms. This course will explore the many areas of biology including studies of plants and animals, classification, cells, etc. It will also focus on the basic principles of ecology. Several projects and experiments are planned to help students gain an appreciation for nature and what it has to offer.

### **Advanced Biology** (11-12) (Teacher approval required for sophomores) (Full year) (Prerequisite: One year Biology **and** one year Chemistry required **or** instructor approval.)

This course includes a more detailed study of the chemistry of life, cell biology, heredity/genetics, and zoology. Laboratory work includes the topics of microbiology, biochemistry, the nature of cells, and the anatomical investigation of organisms from several different phyla. This course has a rigorous curriculum that builds on the general concepts students learned in Biology. Students will be expected to practice appropriate laboratory techniques and be able to apply the coursework to a laboratory setting when gathering and analyzing data. Students will have the opportunity to conduct experiments that relate to a variety of careers in biology related fields and will be taught how to complete a formal lab report after conducting their investigations. Grading is based on daily work, quizzes, projects, exams, and lab exams. Students should have good study and problem solving skills and be prepared to read many different types of material from the textbook to published research.

### **Chemistry** (10-12) (Full year) (Prerequisite: Algebra I and Algebra II or concurrent enrollment)

Chemistry is a requirement for college majors in the sciences such as engineering, nursing, and architecture. It is also a course that is part of the Biomedical CTE pathway offered at CHS. This course will pick up where Integrated Science left off and will discuss subjects like atomic structure, properties, and the periodic table. It will also include topics like types of reactions, stoichiometry, acids and bases, gas laws, and energy changes. Laboratories will be done as well to help students grasp the real world implications of what they are learning in the traditional coursework.

### **Physics** (11-12) (Full year) (Prerequisite: Geometry. Algebra II or concurrent enrollment recommended)

Physics increases the understanding of how the world works around us. This class will be geared to preparing students for understanding mechanics. This may include basics of movement, projectile motion, energy, and momentum. Along with this, students may learn about electrical concepts, light, and waves as well. Labs will be an important part of the class so that students are able to get hands on experience with these concepts.

## **SCIENCE**

### **Anatomy and Physiology** (11-12) (Full year)

(Prerequisite: One year Biology **and** one year Chemistry or Adv. Biology required **or** instructor approval.)

This course offers a detailed study of the structure and function of the human body. Laboratory work includes tissue examination, physiological experiments utilizing Vernier digital equipment and graphing software, and structural identification of all human body systems. This course is a rigorous curriculum, and the content relies heavily on vocabulary and medical terminology and the application of that content in the lab for exams and for case study analysis. In addition, students will conduct clinical analysis of specific diseases and disorders and will become the “experts” when reviewing case studies and presenting their findings to the class or working in a group. Schedules permitting, the class will end in the spring semester with a trip to the cadaver lab at WSU. Grading is based on daily work, quizzes, projects, exams, and lab exams. For success, students should have good study and problem solving skills and be prepared to read many different types of material from the textbook to published research.

### **Environmental Science** (11-12) (Full year) (Prerequisite: One year of Biology)

This course offers an overview of topics and disciplines needed to understand the environmental issues and challenges of today’s world. The course integrates aspects of biology, ecology, earth science, basic chemistry, and environmental law. The course focuses on understanding how the earth changes naturally and how human activities are altering it. Specific topics will include preservation of biodiversity and nature, pressures of the human population on the environment, energy consumption rates and concepts, and sustainable resource use. This course also integrates case study analysis and laboratory investigations where students will use critical thinking and analytical skills to demonstrate the sustainable use of the environment and natural resources in an effort to make a positive impact on the environment and put the knowledge they gain into practice. Grading is based on daily work, quizzes, projects, exams, and lab investigations. Students should have good problem solving skills and be prepared to discuss case studies and research either in a small group or class setting.

### **Bioengineering** (11-12) (One semester) (Prerequisite Biology, Chemistry, Anat and Physiology [or concurrent enrollment])

Students will have the opportunity to develop projects that are responsive to real-world problems, using solutions that depend on biological technologies by learning the techniques, strategies, and vocabulary related to the engineering of synthetic biological systems. This class will provide an engaging introduction for would-be biological engineers.



## **SOCIAL SCIENCE**

### **Modern World History** (10) (Full year)

Modern World History is a combination of Geography and World History. We will use the textbook Modern World History and other historical materials as our main sources. Some of the major areas of study will be the Renaissance, the Reformation, the Age of Discovery, the French Revolution and Napoleonic Age, the Age of Imperialism, the Industrial Revolution, the World Wars, and the restructuring of the post war world.

### **U. S. History** (11) (Full year)

This course will concentrate on the years following the settling of the American West. Topics will include industrialization, overseas expansion, World War I, the 1920's, the Great Depression, World War II, the Cold War, the civil rights movement, and the Viet Nam War.

### **College American History I** (11-12) (Prerequisite: At least a 3.0 cumulative gpa)

This class is a survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. It includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government. This course provides the opportunity for students to receive both high school credit and three hours of college credit through WSU Tech. This course meets the requirement for first semester U.S. History. Cost will be approximately \$75 per credit hour, plus the cost of the book.

### **College American History II** (11-12) (Prerequisite: At least a 3.0 cumulative gpa)

This class is a survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. It examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy. This course provides the opportunity for students to receive both high school credit and three hours of college credit through WSU Tech. This course meets the requirement for second semester U.S. History. Cost will be approximately \$75 per credit hour, plus the cost of the book.

### **American Government** (12) (Full year)

This course surveys the basic structures and functions of local, state, and national governmental units. Students will investigate the ways in which these levels of government interact and directly impact their lives. Particular emphasis will be placed upon the structure and functions of the U.S. Constitution.

### **Current Events** (10-12) (One semester)

The goal of the Current Events course is for the student to become aware of the major issues of the day and to have an in depth understanding and appreciation of current events. The focus of the class will be issues that affect the student as a resident of the world, the U.S., Kansas, and Sedgwick County. Students will follow daily news events and will be expected to understand the social, political, and economic issues on a daily basis. The objectives of this course are to make the connection between current events and history, to enhance the student's understanding of world events, to encourage students to be informed citizens, and to help them make intelligent decisions as they take their place in society.

## **SOCIAL SCIENCE**

### **World History and Media** (9-12) (One semester)

Used as a supplement for the Modern World History course, students will study world history as it is reflected in various forms of media. Students will view various medias, review them, analyze them for historical accuracy, and test over the historical information. This course is a social science elective and cannot replace **Modern World History** as a graduation requirement.

### **U.S. History and Media** (9-12) (One semester)

This course covers U.S. history from 1860 to present day as reflected in movies. Students will view relevant movies of historical merit, review them, analyze them for historical accuracy, and test over historical information. Movies shown will include titles such as “Cinderella Man,” “Flags of Our Fathers,” “Casablanca,” and “Best Years of Our Lives.” This course is a social science elective and cannot replace **U.S. History** as a graduation requirement.

### **Geography** (9-12) (One semester **OR** Full year)

This course includes vocabulary and the introduction of the five fundamental themes of geography—location, place, human interaction, movement, and regions. The themes are used to study landforms, countries, people, cultures and more advanced geography. The course will cover various regions, all around the world.

### **Leadership—Who, What, Why** (9-12) (One semester)

This class will help students to dedicate themselves to advance their personal knowledge, awareness, and capability to lead in order to better serve our school and our community. Students will work together to achieve mutual goals through volunteerism, service projects, school and community programs, peer education, and a commitment to one another and their school and community as a whole. This class will be offered for freshmen through seniors with an emphasis on freshmen and sophomores taking it. A unit of this class will include ethics education using the ten principles of the “Code of the West.” The class will cover **who** can be a leader, **what** are the characteristics of a leader, and **why** leadership is important.

### **College Psychology** (11-12) (First semester only) (Prerequisite: At least a 3.0 cumulative gpa)

This dual-credit course is offered through WSU Tech College for three hours of college credit and .5 credit of high school elective credit. The course is a general introduction to the scientific study of human behavior as it applies to daily living. The scope of the course includes history, basic theories, biological bases of behavior, development, cognitive processes, individual awareness, motivation, emotion, personal adjustment, and social psychology. The cost for this class will be approximately \$75 per credit hour, plus the cost of the book.

### **College Sociology** (11-12) (Second semester only) (Prerequisite: At least a 3.0 cumulative gpa)

This dual-credit course is offered through WSU Tech College for three hours of college credit and .5 credit of high school elective credit. The course is an introductory study to acquaint students with the influence of human social behavior. Sociology studies the processes and patterns of individual and group interaction by acquainting students with the development, characteristics, and functioning of human groups, the relationships between groups, and group influences on individual behavior. It includes the study of how social relationships are created, maintained, and changed. The cost for this class will be approximately \$75 per credit hour, plus the cost of the book.

## **ADDITIONAL ELECTIVES**

### **Web and Digital Communications (Yearbook)** (9-12) (Full year)

Coursework includes graphic design basics, page layout design, copy writing, interviewing assignments, and photography. During this class students create the CHS yearbook. Students should anticipate computer work with InDesign, Illustrator, and PhotoShop programs. Attending school events outside of class time is required for photography assignments. All students are responsible for selling advertisements, taking photos, and writing for the yearbook. Enrollment in this class is a yearlong commitment. Students will be subject to semester review and may be dismissed by the instructor. Limit: 15

### **ACT Test Prep** (11-12) (One semester) (Prerequisite one semester of Algebra II [or currently enrolled] and one semester of Chemistry [or currently enrolled])

This course is designed for college-bound juniors and seniors. Students will learn strategies and tips for improving performance on the ACT in all four test areas (English, reading, mathematics, and science). Students will be empowered with personal self-regulation and self-efficacy strategies. The course is not designed to reteach missing math or reading skills; it is meant to be a review of previously-learned material in English, reading, mathematics, and science. Each student will purchase a student copy of Chad Cargill's ACT Prep Book (cost is approximately \$23). In special situations, a sophomore may be allowed to enroll in this course by administrative approval.

### **Teaching as a Career** (10-12) (One semester)

This course introduces students to the field of education and teaching. Topics include learning standards, lesson plan components, history of education in the U.S., the realities of a teaching career, investigation of professional expectation, teaching strategy and philosophy, among college preparedness skill development. It is also offered as a concurrent enrollment through Wichita State University at a discounted rate. After class completion, students have the option of enrolling in Teaching Internship.

### **Teaching Observation** (10-12) (One semester)

Are you considering a career in teaching? In this course you would be placed in several different grade levels and classrooms throughout the district. During that time you will be identifying and documenting different learning environments, instructional types, and preparation processes. It is recommended that this course be taken concurrently with Teaching as a Career.

### **Teaching Internship** (11-12) (One semester) (Prerequisite: Teaching as a Career and Teacher approval)

This course prepares students to teach and guide others. The course typically provides opportunities for students to develop their own teaching objectives, to design lesson plans, and to experience teaching under the guidance of a licensed teacher. Students examine and practice teaching strategies, learning styles, time management and planning strategies, presentation and questioning skills, classroom management, and evaluation techniques.

### **School to Career Mentorship** (11-12) (One semester) (Prerequisite: Teacher approval)

This course offers students a work-based educational experience that pairs a student with a business/industry mentor in their chosen career exploration area. The students will be required to provide their own transportation to the job site. This real world learning through workplace experience will provide the student with knowledge about their career pursuit. Prerequisites include three teacher recommendations, a resume, and an application. Can be repeated for credit.

## **ADDITIONAL ELECTIVES**

### **Podcasting, Broadcasting, and Vodcasting** (10-12) (Prerequisite: “B” average in English classes and two letters of reference from teachers)

This course is designed to expose students to the processes and technologies associated with creating audio and video productions. Students will create original content with a focus on celebrating the achievements and successes of Clearwater students. The basic curriculum for the class will incorporate the Kansas College and Career Ready Standards for Speaking and Listening. The class enrollment will be limited to 8.

### **Learning Lab** (9-12) (One semester) (By referral only)

Students will be scheduled into Learning Lab upon recommendation of the General Education Intervention (GEI) Team and/or other instructors or administration. The class is designed for students who would benefit from study time and individual instruction or who are taking an online college class or a high school credit recovery class. The class can provide assistance with study skills, homework, organizational skills, test taking, note taking, and other classroom skills. Students enrolled in Learning Lab must show motivation to learn and use the time appropriately. They will be evaluated at the end of each semester to determine whether continuation in the class is appropriate. The class can be repeated for credit.

### **College Lab** (11-12) (One semester)

Students will be given one block to take an online college class of their choice. Students are responsible for payment of fees for any course they enroll in. The location may vary depending on teacher availability, or may be in the library. Grades received for courses taken through the College Lab will be recorded on the student’s official transcript, and courses will be taken for dual credit. The dual credit grade will be the same as the letter grade issued by the college and will be figured into the student’s gpa. Full semester college classes are typically three credit hours. This will count as one-half credit of high school credit. A nine-week course will count as a quarter of high school credit. If grades are listed in PowerSchool throughout the semester, they only reflect the student’s attendance in the College Lab class. The official grade will be given to the Guidance Office by the college at the end of the semester and will be recorded in PowerSchool, on the student’s grade report, and on their official transcript at that time.

### **Office Assistant** (12) (One semester) (.25 credit) (Office staff approval required)

Office assistants help the office staff with assigned clerical tasks such as answering the phone, mail, and making photo copies. Occasional heavy lifting will be required. Office assistants will have study time if their help is not needed by the office staff. Office Assistant **does not** count as one of the five courses of unit weight required to be taken by students planning to participate in any activity governed by the KSHSAA. Transportation is preferred in order to be able to drive to the football field, CIMS, etc.

### **Teacher Assistant** (12) (One semester) (.25 credit) (Teacher approval required)

Students wishing to be a teacher assistant must indicate on their enrollment form what teacher they have arranged to assist. Good attendance and a record of being dependable and reliable are prerequisites to being a teacher assistant. Students will assist a classroom teacher in duties such as taking attendance, playground supervision (with sponsoring teacher), individual tutoring, bulletin board preparation, etc. Preference is given to students who are considering a career in education. The class can be repeated for credit. (Teacher Assistant does not count as one of the five courses of unit weight required to be taken by students planning to participate in any activity governed by the KSHSAA.)

## **ADDITIONAL ELECTIVES**

### **Senior Release** (12) (Second semester only)

Parental permission is required for Senior Release, and a contract will be signed by the parent and student before Senior Release time will be approved. Seniors with Senior Release will attend CHS only for the courses they want to take and for courses they need to take to fulfill graduation requirements and/or Qualified Admissions and/or State of Kansas Scholarship Curriculum requirements. Students requesting Senior Release must not be short on graduation requirements. Those participating in KSHSAA activities must be enrolled in five courses of unit weight (X-L Seminar, Tribe Time, Teacher Assistant, and Office Assistant will not meet this requirement). Students cannot be guaranteed that desired courses will be scheduled in consecutive blocks or on a single day. Students will not be in the high school building during their Senior Release blocks.

### **College Release** (11-12) (Administrative approval required)

College Release is a provision made to enable Clearwater High School students to take classes through a post-secondary educational institution during the school year (other than the college courses offered for dual credit at CHS). During first semester, students will work online in the building unless administrative approval is given to do differently.

### **Driver Education** (9-12) **Summer Only** (.5 credit)

Students must be at least 14 years old by January 1 of the year the course is offered to take the course that summer. Class size is limited, and a fee will be charged for the class. All classroom and driving competencies must be met to pass the course. Students must have a valid instruction permit to enroll in March.

## **COLLEGE CREDIT CLASSES**

The following courses and programs will be taken concurrently for both high school and college credit. For more information, there is a separate College Coursebook in the Guidance Office.

### **NEWMAN UNIVERSITY** (10-12) (Offered at CHS) (Approximately \$75/credit hour)

**College Algebra** – 3 credit hours (College Algebra – MATH 1043)

**Calculus** – 5 credit hours (Calculus 1 – MATH 2015)

**Computer Science Principles** – 3 credit hours (Information Literacy – IT 1013)

**Computer Programming II** – 3 credit hours (Intro to Programming – IT 2033)

**College Writing I** – 3 credit hours (College Writing 1 – ENGL 1003)

**College Writing II** – 3 credit hours (College Writing II – ENGL 1013)

### **COWLEY COUNTY COMMUNITY COLLEGE** (11-12) (Offered at CHS)

(Approximately \$62/credit hour, plus cost of book)

**College Speech** – 3 credit hours (Public Speaking – COM 2711)

### **WICHITA STATE UNIVERSITY** (10-12) (Offered at CHS) (\$100 per course)

**Family Studies** (must take Human Growth and Development A first) – 3 credit hours

**Teaching as a Career** – 3 credit hours

### **WSU TECH COLLEGE** (10-12) (Offered at CHS) (No additional WSU Tech fee)

**(CAM) Machine Tool Tech A & B** -- 3 credit hours (Machining I -- MMG 115)

**Production Weld Processes IB** – 1 credit hour (Weld Safety & Orientation – CWG 105)

**Prod Weld Processes IIA & IIB** – (11-12) – 4 credit hours (Welding Apps – CWG 110)

**Drafting/CAD A & B** – 3 credit hours (Intro to CAD I – MCD 101)

**Medical Terminology** – 3 credit hours (Medical Terminology -- ALH 101)

### **WSU TECH COLLEGE** (11-12) (Offered at CHS) (Additional WSU Tech fees may apply)

**Certified Nursing Assistant (CNA)** (Approximately \$155 in fees)

**Digital Data Literacy** - (9-12)--3 credit hours (Computer Apps CED 115) (\$75/credit hr)

**College Psychology** – 3 credit hours (\$75/credit hr)

**College Sociology** – 3 credit hours (\$75/credit hr)

**College American History I** – 3 credit hours (\$75/credit hr)

**College American History II** – 3 credit hours (\$75/credit hr)

### **WSU TECH COLLEGE** (11-12) (By application only)

These WSU Tech programs are available to students tuition free, but there will be some fees, depending on the program.

*These programs are taught at various WSU Tech campuses:*

**HVAC**

**Construction Science**

**Sheet Metal**

**Electrical**

**Interior Design**

**IT**

**Police Science**

Additional courses may be added if they become available.

## **COLLEGE CREDIT CLASSES**

### **COWLEY COMMUNITY COLLEGE TECH PROGRAM** (11-12) (Full year) (By application only)

These Cowley Community College Tech programs are available to students tuition free, but there will be some fees, depending on the program.

*These programs are taught at the Cowley Mulvane campus:*

**Automotive Technology**

**Welding and Fabricating Processes**

*These programs are taught at the Cowley Wellington campus:*

**Agriculture**

**Machining**

**Mechatronics**

The purpose of attending one of the Cowley College Tech programs is to acquire a skill leading to employment. Students will pay costs including textbooks, tools, and transportation to and from the Cowley campuses. Students wishing to apply to attend one of these programs must meet the following criteria:

1. A good attendance record at Clearwater High School.
2. Minimum of 2.0 gpa.
3. Be on target with graduation requirements. Students will take courses at Clearwater High School and also at Cowley. Students will also receive CHS credit for classes completed at Cowley.
4. Students enrolling in Welding must have completed two semesters of welding at Clearwater High School.
5. A parent must attend a mandatory informational meeting held at CHS in the spring.
6. Students must have an appropriate reading level on the Compass, ACT, or Accuplacer test.

Additional college courses may be added if they become available.