

Circle High School Enrollment



2021-2022

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Graduation Requirements

To be awarded a diploma signifying graduation from Circle High School, a student must have satisfactorily completed 29 units of credit at CHS.

Of the units of credit needed for graduation, passing grades must be earned in the following required courses:

1. Language Arts—FOUR credits which must include:
 - A. English I (1 unit of credit)
 - B. English II (1 unit of credit)
 - C. English III (1 unit of credit)
 - D. English elective ((1 unit of credit—1/2 unit during Senior year)
2. Math—THREE credits
3. Health & Fitness—ONE credit
4. Science— THREE credits which must include:
 - A. A physical science course(1 unit of credit)
 - B. A life science course (1 unit of credit)
5. Social Studies –THREE credits which must include:
 - A. World Geography (1/2 unit of credit)
 - B. World History (1 unit of credit)
 - C. American History (1 unit of credit)
 - D. American Government (1/2 unit of credit)
6. Business Communications - ONE HALF credit
7. Fine Arts—ONE credit
Drama, Music, Art, Photography and Forensics

All students are required to enroll in 8 1/2 units of credit. If all graduation requirements have been met by the end of first semester, **a senior** is not required to attend classes at CHS during the second semester. This is referred to as "graduating at semester", however, the diploma will not be issued until the May graduation ceremony,

A senior must be enrolled in at least five classes second semester to be eligible to participate in KSHSAA sponsored events and school activities. These can be a combination of CHS and college courses. Seminar does not count.

Kansas Regents Qualified Admission Curriculum and NCAA

Students applying to any of the six Kansas Regents universities (Emporia State, Fort Hays State, Kansas State, Pittsburg State, University of Kansas, Wichita State) must meet certain admission criteria. It's important that you and your parents know and understand these requirements so you are ready for college when you graduate from high school. The courses you take during high school, and your success in those classes, will impact your future plans.

All students entering one of the Regents universities must complete the Qualified Admissions curriculum with at least a 2.0 grade point average (GPA) on a 4.0 scale in these courses; **AND meet** one of the two requirements below:

1. Achieve an ACT composite score of 21 or **above; or,**
2. Rank in the top one-third of your high school's graduating class. The following chart details the units required for college admission and for Regents Scholarship consideration. College-bound students who plan to enter a Regents university after high school should use the "Regents Curriculum for Qualified Admissions" and the "Kansas Scholar's Curriculum" as their guides. Students who plan to play sports at an NCAA Division 1 or Division II school should refer to the column on the far right. **Please see chart the next page.**

Students: You should regularly review your Individual Plan of Study with both your high school counselor and your parents to make sure you are on the right track.

Required Pre-College Curriculum

Content Area	Units required for Qualified Admissions	Units Required for Kansas Scholars Curriculum	Units Required for NCAA Eligibility
English	<p>4 units required English I, II, III, and two of the following :</p> <p>British/World Literature 20th Century Sci-Fi Lit. College Prep Composition Speech Communications Mythology BCC English Comp I & II BCC Public Speaking</p> <p>Journalism credits do not count</p>	No additional units required	<p>Division 1: At least 4 units English</p> <p>Division 2: At least 3 units of English</p>
Mathematics	<p>4 units required Algebra I, Geometry, Algebra II, Financial Algebra, any math course that has Algebra II as a pre-requisite. With an ACT math score of 22 or higher, only 3 math units required.</p>	<p>4 units required Algebra I, Geometry, Algebra II, and one unit beyond Algebra II selected from analytic geometry, trigonometry, advanced algebra, probability and statistics, functions or calculus. Algebra I in 8th grade is accepted.</p>	<p>Division 1: At least 3 units math at the level of Algebra 1 or above</p> <p>Division 2: At least 2 units of Math at the level of Algebra 1 or above</p>
Natural Sciences	<p>3 units required Must include three (3) units chosen from Physical Science, Biology I, Biology II, Chemistry 1, Chemistry II, AP Chemistry, Human Anatomy, and/or Physics.</p> <p>At least one unit must be in Chemistry or Physics.</p>	<p>3 units Biology, Chemistry <u>and</u> Physics are required</p>	<p>Division 1: At least 2 units Natural Science or Physical Science</p> <p>Division 2: At least 2 units Natural Science or Physical Science</p>
Social Sciences	<p>1 unit U.S. History 1/2 unit of U.S. Govern. 1/2 unit selected from: World History, World Geography, or International Relations 1 unit selected from one or more courses: Psychology, Economics, Civics, History, Sociology, Anthropology, race & ethnic group relations, and/or current social issues.</p>	No additional units required	<p>Division 1: At least 2 units Social Science</p> <p>Division 2: At least 2 units Social Science</p>
World Language	No units required	2 units of one world language	No units required
Electives	<p>3 units Must be take from English, Math, Natural Science, Social Science, Fine Arts, Computer/Information systems, World language, Personal finance, Speech, Debate, Forensics, Journalism, or Career and technical education.</p>	<p>3 units Must be take from English, Math, Natural Science, Social Science, Fine Arts, Computer/Information systems, World language, Personal finance, Speech, Debate, Forensics, Journalism, or Career and technical education.</p>	<p>Division 1: 1 additional unit from English, Math or Science AND 4 additional units from any category above or world language</p> <p>Division 2: 3 additional units of English, Math, Science, AND 4 additional units from any category above or world language</p>

Enrollment Procedure

All incoming **freshmen will receive enrollment information at the Freshmen Orientation Program** held in March. It is very **important that the enrollment information** is completed carefully and completely. All eighth grade students will be assisted by a faculty advisor. CHS faculty members have volunteered to meet with these students and their parents on an individual basis. The faculty **advisor** will answer questions and assist with the enrollment form in March.

Freshmen, Sophomores and Juniors currently enrolled at Circle High School will receive their enrollment **forms from the counselors in February. The counselors will assist students in choosing courses for next year** that meet both their current and future educational needs. The Individual Plan of Study located at the back of this booklet lists all **courses required for graduation from Circle High School**. Parents are urged **to work** with their students and carefully read over the enrollment **form before signing it and returning it** to Circle High School.

All students will receive their final schedules and pay fees in August. The District Calendar will carry exact dates and times for final enrollment.

Dual Credit, KSHSAA, and Eligibility

Butler Community College offers classes at Circle High School for sophomores, juniors and seniors during the regular school day. Students who enroll in a BCC class taught at Circle High School will **earn** credit from each institution. This grade and credit will appear on both the Circle High School and Butler Community College transcripts. Students must have acceptable ACT or Accuplacer scores to enroll. In the fall of 2016, BCC started a tuition waiver program for these courses, Students will be required to pay all fees and purchase/rent **necessary textbook(s)**. **Colleges will not release transcripts, necessary for dual credit, until all financial obligations have been paid.**

With approval, **students may also take classes for dual credit at other district-approved post-secondary** institutions during the school day, summer, or evening. Students must meet with their counselor to discuss scheduling options. The following credit will be given by Circle High School for each college credit hour: 1 college hour= 1/4 high school credit; 2 or 3 college hours = 1/2 high school credit; 4 or 5 college hours = 1 high school credit.

To be eligible to participate in any KSHSAA sponsored activity at Circle High School, a **student must** meet the following guidelines: the student shall be enrolled in and attending **a minimum of six new** subjects of unit weight (five new subjects for second semester seniors) which does not include Seminar. **Students may take a combination of BCC and CHS classes as per the formula stated above.** For eligibility purposes, **second semester seniors must enroll in at least one class of unit weight at Circle High School.**

Grade Classification

The classification of a student as a Sophomore, Junior, or Senior will be based upon the total high school credits earned by the beginning of a school year. Grade classification is done once a year at the time the student enrolls. No reclassifications will be made at semester. The following chart is used to determine grade classifications:

Senior = 21 credits Junior = 14 credits Sophomore = 7 credits

Counselors' Note

The counselors and faculty will be happy to assist students in evaluating their abilities, interests, and selection of courses needed to best pursue their educational and occupational goals. Any student having questions regarding these goals is encouraged to visit with a counselor to discuss proper course selection. Parents are encouraged to assist their son/daughter in the selection process.

Each student is responsible for meeting all graduation requirements.

Schedule Changes

Teaching assignments, class offerings and the master class schedule are all developed from the pre-enrollment requests that students make in the spring. Therefore, it is important that students do a great deal of serious planning in the spring when they request their courses for the next year. Changes to student enrollment will not be made once forms are submitted. Be aware that alternate course choices will often be included in final schedules, so choose wisely!

After student schedules have been completed, changes will be made only if the request for change conforms to one of the following reasons:

Student has not had the necessary course prerequisite. Failing a subject with the teacher's prognosis of continued failure because of lack of background or ability. (Lack of effort or interest not accepted!) Administrative changes to balance class loads or other administrative prerogatives. No schedule changes will be made for teacher preference.

Classes dropped beyond the third week of the semester will result in a withdraw-failure (WF) grade being recorded on the transcript and figured into the student's semester and cumulative GPA. Exceptions to this may be made by the administration. The principal reserves the right to make the final decision concerning changes basing his decision on the student's best educational interest.

Special Education

Special Education programs are designed to meet the individual educational needs of students. All special services are offered through the Butler County Special Education Interlocal.

NCAA/NAIA Eligibility Requirements

If a student is interested in participating in college athletics after graduation, he/she should see his/her coach(es) or counselor for a student publication on the requirements needed for NCAA or NAIA eligibility or go to the appropriate website. To determine eligibility for NCAA Division I & II, a student must be registered with the NCAA Eligibility Center (by second semester of the Junior year), have completed **a core course of study** with at least a 2.00 GPA in those courses, and have achieved a matching ACT/ SAT score. See chart on pages 3 and 4. Registration information is available in the Guidance Office or at **www.eligibilitycenter.org**.

Driver's Education Summer Only

A course in Driver's Education is offered to Circle High School students during the summer only. Enrollment forms are available in the high school office or online at the CHS website during the month of April.

This course includes two (2) weeks of classroom work, All students must be fifteen (15) years of age by June 1 or be enrolled as a sophomore before they can participate in the driving experience. One fourth (1/4) credit will be awarded for successful completion of this course. Grading is on a Pass/Fail basis.

Summer School

Sometimes it becomes necessary to repeat failed courses during summer school. Please see your counselor to get information regarding dates, locations, fees, and enrollment deadlines for area summer school programs

Butler Community College

Early College Academics

Early College Academy students begin as juniors in high school and follow a two-year track which may lead to a two-year associate degree from Butler Community College by the time they graduate high school. Early College Academies are offered in Health Science, 3D, Engineering Technology, Cyber Security, Education, Aviation Humanities, Fire Science and Business and Entrepreneurship. Interested students need to meet specific admission requirements, complete and academy-specific application, and be selected for participation in each Academy. Be sure to call or visit www.butlercc.edu/academies for the latest Early College Academy offerings or email academies@butlercc.edu. See your counselor for application information.

Early College 3D Academy

The Early College 3D Academy allows students to complete their Associate of Applied Science degree in Digital Media, Digital Video Production or Interactive 3D Technologies. Students will participate in motion capture and gaming courses among many others. The 3D Academy is located in the 5000 Building, 715 E. 13th Street, Andover. This Academy is open to 20 **morning** students.

Early College Aviation Academy

Learn to operate unmanned aircraft systems, including drones. Take courses in aviation, UAS Design and Construction and aircraft maintenance. Obtain an entry-level position in agriculture, wind turbine repair or fire science or transfer to Kansas State Polytechnic for a bachelor's degree in Unmanned Aircraft Systems. Students in this Academy earn their private pilot's license. This **afternoon** Academy is open to 15 students and is located at our Rose Hill Campus.

Early College Business and Entrepreneurship Academy

Learn the mechanics of owning your own business or helping someone run theirs. Understand how advertising works, what a spread sheet is and the true meaning of leadership. Students complete the Youth Entrepreneurship (YE) program and participate in Market Day and stock market activities. The Early College Business and Entrepreneurship Academy is located in the 5000 Building, 715 E. 13th Street, Andover. This Academy is open to 20 students and is **afternoon only**.

Early College Cyber Security Academy

The Early College Cyber Security Academy allows students to explore and earn numerous third party credentials in the field of Cyber Security. Students can complete their Associate of Applied Science degree through this program. The Cyber Security Academy is located in the 5000 Building, 715 E. 13th Street, Andover and is open to 20 **afternoon students**.

Early College Education Academy

The Early College Education Academy prepares students for a teach career, with a specific path toward the BEST Program through Butler and Emporia State University or other four year college. Students complete coursework in education, as well as, general education credits to complete their Associate's Degree. This Academy is open to 24 **morning** students and is held at the Rose Hill Campus

Early College Engineering Technology Academy

Learn to operate CNC mills, CNC lathes and 3D printers. These courses transfer to Wichita State Engineering programs in Mechatronics, Civil Engineering and Technology Management. Use state-of-the-art equipment and learn applicable skills to further your career. The Early College Engineering Technology Academy is located in the 5000 Building, 715 E. 13th Street, Andover. This Academy is open to 15 students and is offered in the **morning the first year and the afternoon the second year**.

Early College Fire Science Academy

The Early College Fire Science Academy is **a one year program for high school seniors**. Basic fire skills and complete certification courses in both Firefighter I and Hazardous Materials will be taught. Work with local firefighters and train at Butler's Fire Tower. After graduation, apply for residency in Butler's Fire Residency Program. The Early College Fire Science Academy is located in the Butler Fire Science Emergency Service Training Center/Fire Station No. 2, 2610 W. 6th Avenue, El Dorado. This **morning** Academy is open to 20 students

Early College Health Science Academy

The Early College Health Science Academy prepares students for a career in a wide range of health professions including pre-professional studies in nursing, medicine and veterinary science and also contains a specific path toward the Butler Nursing program and a partnership with the University of Kansas. This program is very heavy in science and math courses. Students also earn their CAN certification in their first semester. This Academy is available to 48 **morning** students and 48 **afternoon** students at the Rose Hill Campus

Early College Humanities Academy

Earn a comprehensive associate degree. Take a broad range of transferable classes and then enter a four year university. Students choose their emphasis by selecting career-specific electives and completing related job shadows and internships. This Academy is open to 24 **afternoon** students at the Rose Hill Campus.

Many Early College Academy credit hours will qualify for Senate Bill 155 free tuition.

Please check with the Academy advisor for details.

CHS Articulation Agreements BCC and WSU Tech

Circle Unified School District 375 has articulation agreements for the 2020-21 school year with Butler Community College (BCC) and WSU Tech. These agreements afford students the opportunity to articulate/earn post secondary credit for courses complete in high school, which can go towards a Technical Certificate, or Associates of Applied Science Degree. In addition, it eliminated duplication or loss of credit for skills already learned. Articulation agreements require students to meet criteria established by the post secondary school before college credit is awarded. The following programs of study are included in the articulation agreements.

AV Communications

College Programs of Study: Computer Technology (Digital Media), (Web Development); Business Professional (Business Administration).

Kansas Course Code	CHS Course	Butler Course Code	Butler Course	College Credit
30105	Photo Imaging	INI22	Digital Photography	3

Business Entrepreneurship & Management

College Programs of Study: Business and Professional (Business Administration); Engineering & Manufacturing Technology (Manufacturing Engineering Technology); (Engineering Graphics Technology)

Kansas Course Code	CHS Course	Butler Course Code	Butler Course	College Credit
12053	Entrepreneurship	BA129 BA109	Writing a Business Plan (if student takes 1 semester) or Entrepreneurship (if student takes full year course)	3
21107	Drafting/CAD I	EN107	AutoCAD Basics	3

Business Finance

College Programs of Study: Business and Professional (Accounting Assistant); (Business Administration)

Kansas Course Code	CHS Course	Butler Course Code	Butler Course	College Credit
12053	Entrepreneurship	INI22	Writing a Business Plan (if student takes 1 semester) or Entrepreneurship (if student takes full year course)	3
12104 33108	Accounting Advanced Accounting	BA126	Accounting I	3

Construction & Design

College Programs of Study: Engineering & Manufacturing Technology (Manufacturing Engineering Technology); (Engineering Graphics Technology), (Composite Engineering Technology)

Kansas Course Code	CHS Course	Butler Course Code	Butler Course	College Credit
21107	Drafting/CAD	EN107	AutoCAD Basics	3
21107 21150	Drafting/CAD Advanced Drafting/CAD	EN101	Engineering Graphics I	3
21103	Architecture Design II	EN103	Residential Design & CAD I	3
	OHSA10	WE110	OSHA 10 *student must present current & valid OHSA card	1

Early Childhood Development & Services

College Programs of Study: Education (Early Childhood Education)

Kansas Course Code	CHS Course	Butler Course Code	Butler Course	College Credit
45001 or 22207 and 19052 19098 19051 45004/14	Intro to Family & Consumer Science Career & Life Planning Foundation to Early Childhood Dev. Early Childhood Application Orientation to Early Childhood Dev. Human Growth & Dev. A or B	CD122	Principles of Early Childhood Education	3

Family & Community Services

College Programs of Study: Human Service (Sociology/Social Work)

Kansas Course Code	CHS Course	Butler Course Code	Butler Course	College Credit
22208	Family Studies	BS283.1	Career Pathway Family Studies	2
45004 or 45014	Human Growth & Dev. A Human Growth & Dev. B	BS228.1	Career Pathway Human Development	2
08057	Foods for Today: Nutrition & Wellness	FW220	Health Living	3

Manufacturing

College Programs of Study: Engineering & Manufacturing Technology (Composite Engineering Technology)
(Engineering Graphics Technology), (Manufacturing Engineering Technology)

Kansas Course Code	CHS Course	Butler Course Code	Butler Course	College Credit
13002	Manufacturing Process I Manufacturing Processes II	IT204	Materials & Processes of Industry	3
13204 or 39204	CAM Mach. Tool Tech II	IT120	Beginning Concepts of CNC	3
21107	Drafting/CAD I	EN107	AutoCAD Basics	3
21107 and 21150	Drafting/CAD I Advanced Drafting/CAD	EN101	Engineering Graphics 1	3

Visual Arts

College Programs of Study: Computer Information Technology (Digital Media), (Web Development):
Business and Professional (Advertising)

Kansas Course Code	CHS Course	Butler Course Code	Butler Course	College Credit
30105	Photo Imaging I	IN122	Digital Photography	3
21205	Magazine Production	IN159	Information Technology Mgmt	3
05162 11154 and 10202 10203	Graphic Design Computer Graphics Interactive Media	IN166	Intro to Graphics	3

Thanks to Senate Bill 155, funding is available to pay the tuition costs of students who enroll in college technical course while in high school. High school students can participate the summer following their freshman year until they graduate.

Listed below are some of the programs of student that Butler Community College and WSU Tech offer:



Auto Service
Aviation Maintenance Technology
Business
Construction Science
Catia
Composites
Electronics
HVAC
Healthcare
Industrial Automation
Interior Design
IT Systems
Machining
Police Science
Robotics
Welding



Auto Collision Repair
Allied Health
Auto Technology
Business
Culinary Arts
Fire Science
Computer Information Technology

The following Early College Academy:
3D
Aviation
Business & Entrepreneurship
Cyber Security
Education
Engineering Technology
Fire Science
Health Sciences
Humanities

Career & Technical Education (CTE)

Circle High School CTE career cluster pathways are designed to provide a smooth transition for high school students to postsecondary education (technical college, community colleges and universities), apprenticeship opportunities, the military and/or the workplace. Students are encouraged to continue through the Application level to become Concentrators.

What is a Concentrator?

Students can take any CTE courses, provided they meet the prerequisites. To be a Concentrator, you must earn 3.0 credits in one pathway with 2.0 of those credits in the Technical and Application levels.

Introductory Courses are beginning classes designed to familiarize you with the concepts of the pathway. You will spend time exploring and finding out if you want to learn more. You may have taken some of these classes at Circle Middle School.

Technical Courses are the second level classes in the pathway. These classes will allow you learn the technical applications.

Application Courses are the final level classes. They will allow you to apply what you have learned. When you complete the pathway you become a Concentrator, You could then be ready for an internship, work experience or get a jump-start in that field of study at a community college or university.

PATHWAYS

AV COMMUNICATIONS

Level	Course	Credit	State ID
Intro	Business Essentials (8th Grade)	.5	12050
Technical	21st Century Journalism	.5	30100
	AV Production Fundamentals	.5	30103
	Graphic Design Fundamentals	.5	30102
	Photo Imaging	.5	30105
	Advanced Photo Imaging	.5	30105
Application	Magazine Production	1	21205
	Yearbook Production	1	30151

BUSINESS FINANCE CAREER CLUSTER DESIGN

Level	Course	Credit	State ID
Introductory	Business Essentials (8th Grade)	.5	12050
Technical	Entrepreneurship	.5	12053
	Accounting A & B	1	12104
	Business Law	.5	12054
	Consumer & Personal Finance	.5	22210
	Business Economics	.5	12105
Application	Advanced Accounting	1	12108
	Banking & Finance	1	12101
	Investing	1	12107

BUSINESS ENTERPRENUERSHIP & MANAGEMENT

Level	Course	Credit	State ID
Introductory	Business Essentials (8th Grade)	.5	12050
Technical	Business Economics	.5	12105
	Entrepreneurship	.5	12053
	Business Management	.5	12052
	Business Communications	.5	12059
	Business Law	.5	12054
	Web Page Design	.5	10201
Application	Applied Business Development	1	32200

CONSTRUCTION & DESIGN

Level	Course	Credit	State ID
Introductory	ITT (7TH Grade)	.5	38001
Technical	Cabinetmaking & Furn. Design I	1	17007
	Residential Carpentry I	1	17002
	Drafting/CAD I	1	21107
	Drafting/CAD II	1	21107
	Architecture Design I	1	21103
	Architecture Design II	1	21103
Application	Cabinetmaking & Furn. Design II	1	38002
	Residential Carpentry II	1	38002
	Interior Design	.5	22212
	Advanced Study of Architecture Design	.5	38050

EARLY CHILDHOOD DEVELOPMENT & SERVICES

Level	Course	Credit	State ID
Introductory	Career & Life Planning	.5	22207
Technical	Human Growth & Development	.5	45004
	Family Studies	.5	22209
	Foundations of Early Childhood Development	.5	19052
Application	Early Childhood Applications	1	19098

HEALTH SCIENCE

Level	Course	Credit	State ID
Introductory	Biology	1	03051
	Chemistry	1	03101
Technical	AP Biology	1	03056
	Foods for Today	.5	08057
	Human Anatomy	1	03053
Application	Certified Nursing Assistant	.5	14997

TEACHING & TRAINING

Level	Course	Credit	State ID
Introductory	Career & Life Planning	.5	22207
Technical	Human Growth & Development	.5	45004
	Family Studies	.5	22209
	Foundations of Early Childhood Development	.5	19052
Application	Early Childhood Applications	1	19098

MANUFACTURING

Level	Course	Credit	State ID
Introductory	ITT (7TH Grade)	.5	38001
Technical	Cabinetmaking & Furn. Design I	1	17007
	Residential Carpentry I	1	17002
	Drafting/CAD I	1	21107
	Drafting/CAD II	1	21107
	Architecture Design I	1	21103
	Architecture Design II	1	21103
Application	Cabinetmaking & Furn. Design II	1	38002
	Residential Carpentry II	1	38002
	Interior Design	.5	22212
	Advanced Study of Architecture Design	.5	38050

ENGINEERING & APPLIED MATHEMATICS

Level	Course	Credit	State ID
Introductory	Project Lead the Way	1	71002
Technical	Engineering Design I	.5	21006
	Engineering Design II	.5	21006
	Principles of Engineering I	.5	21004
	Principles of Engineering II		21004
Application	Computer Integrated Manufacturing	1	21010
		1	21007
	Engineering Design & Development		

RESTAURANT & EVENT MANAGEMENT

Level	Course	Credit	State ID
Introductory	Career & Life Planning	.5	22207
Technical	Entrepreneurship	.5	12053
	Culinary Essentials	.5	16052
	Event Planning & Management	.5	34052
	Foods for Today	.5	08057
Application	Career Connections	.5	22275
	Community Connections	.5	22270

FAMILY & COMMUNITY SERVICES

Level	Course	Credit	State ID
Introductory	Career & Life Planning	.5	22207
Technical	Human Growth & Development	.5	45004
	Family Studies	.5	22208
	Consumer & Personal Finance	.5	22210
	Foods for Today	.5	08057
Application	Career Connections	.5	22275
	Community Connections	.5	22270

VISUAL ARTS

Level	Course	Credit	State ID
Introductory	Career & Life Planning	.5	22207
	Intro to Drawing	.5	30005
Technical	Principles of Illustration	.5	30101
	Photo Imaging	.5	30105
	Adv. Photo Imaging	.5	30105
	Computer Graphics	1	10202
	Graphic Design Fundamental	.5	30102
Application			
Level	Course	Credit	State ID
Introductory	ITT (7TH Grade)	.5	38001
Technical	Cabinetmaking & Furn. Design I	1	17007
	Residential Carpentry I	1	17002
	Drafting/CAD I	1	21107
	Drafting/CAD II	1	21107
	Architecture Design I	1	21103
	Architecture Design II	1	21103
	Cabinetmaking & Furn. Design II	1	38002
	Residential Carpentry II	1	38002
Application	Interior Design	.5	22212
	Advanced Study of Architecture Design	.5	38050

Level	Course	Credit	State ID
Introductory	Career & Life Planning	.5	22207
Technical	Human Growth & Development	.5	45004
	Family Studies	.5	22209
	Foundations of Early Childhood Development	.5	19052
	Early Childhood Applications	1	19098

COURSE OFFERINGS

COURSE TITLE	CREDIT	GRADE LEVEL/PREREQUISITE	PAGE
ART DEPARTMENT			23
^Intro to Drawing	.5	9,10,11,12	23
^Principles of Illustration	.5	9,10,11,12 with passing grade in Intro to Drawing or Two-Dimensional Art I	23
^Advanced Two-Dimensional Art	.5	10,11,12 with passing grade in Principles of Illustration	23
^Advanced Three-Dimensional Art	.5	10,11,12 with passing grade in Three-Dimensional Art I and II	23
^Three-Dimensional Art I	.5	9,10,11,12	23
^Three-Dimensional Art II	.5	9,10,11,12 with passing grade in Three-Dimensional Art I	23
^Graphic Design Fundamentals	.5	10,11,12 with passing grade in Three-Dimensional Art II	24
^Graphic Design	.5	10,11,12 with passing grade in Graph Design Fundamentals and Teacher approval.	24
BUSINESS DEPARTMENT			24-25
Business Communications	.5	9 required, 10,11,12	24
Sports & Entertainment Marketing	.5	9,10,11,12	24
Event Planning & Management	.5	10,11,12 with passing grade in Career and Life Planning	24
Computer Graphics	1	10,11,12 with passing grade in Graphic Design Fundamentals, or Business Communications or teacher approval	24
Consumer & Personal Finance	.5	10,11,12	24
Business Law	.5	10,11,12	25
Accounting	1	10,11,12	25
Advanced Accounting	1	11,12 with passing grade in Accounting	25
Web Page Design	1	11,12 with passing grade in Business Communications and Computer Graphics	25
Entrepreneurship I	.5	9,10,11,12	25
FAMILY & CONSUMER SCIENCE			25-26
Career & Life Planning	.5	9,10,11,12	25
Intro to Human Services	.5	9,10,11,12 with passing grade in Career & Life Planning	26
World of Fashion	.5	10,11,12 with passing grade in Intro to Human Services and Career & Life Planning	26
Foods for Today: Nutrition & Wellness	.5	10,11,12 with passing grade in Intro to Human Services and Career & Life Planning	26
Culinary Essentials	.5	10,11,12 with passing grade in Foods for Today	26

*Satisfies Regent's Qualified Admissions

~Satisfies additional Regent's requirements for Scholar's consideration

^ Satisfies Fine Arts requirements

COURSE OFFERINGS

COURSE TITLE	CREDIT	GRADE LEVEL/PREREQUISITE	PAGE
FAMILY & CONSUMER SCIENCE - continued			26-27
Family Studies	.5	10,11,12	26
Career Connections	.5	10,11,12	27
Community Connections	.5	10,11,12	27
Human Growth & Development	.5	10,11,12	27
Foundations to Early Childhood Development	1	11,12 with passing grade in Human Growth & Development	27
Early Childhood Applications	.5	12	27
Interior Design	.5	10,11,12	27
INDUSTRIAL TECHNOLOGY DEPTARMENT			27-31
Architecture Design I	.5	9,10,11,12	28
Architecture Design II	.5	9,10,11,12 with passing grade in Architecture Design I or teacher approval	28
Advanced Architecture Design	.5	11,12 with passing grade in Architecture Design I & Architecture Design II	28
CAM I	.5	9,10,11,12	28
CAM II	.5	9, 10,11,12 with passing grade in CAM I	28
Drafting/CAD I	.5	9,10,11,12	29
Drafting/CAD II	.5	9,10,11,12, with passing grade in Drafting/CAD I or Architecture Design I	29
3-D EXPERIENCE (CATIA 1)	.5	10,11,12, with passing grade in Drafting/CAD II; Architecture Design II, or with teacher approval	29
3-D EXPERIENCE (CATIA 2)	.5	10,11,12 with passing grade in 3-D EXPERIENCE (CATIA 1)	29
Manufacturing Processes I	.5	9,10,11,12	29
Manufacturing Process II	.5	9,10,11,12 with passing grade in Manufacturing Processes I	29
Production Welding I	.5	10,11,12 with passing grade in Manufacturing Processes II	30
Production Welding II	.5	10,11,12 with passing grade in Production Welding I	30
Research & Design for Manufacturing	1	10,11,12 with teacher approval	30
Engineering Design I	.5	9,10,11,12	30
Engineering Design II	.5	9,10,11,12 with passing grade in Engineering Design I	30
Principles of Engineering I	.5	10,11,12 with passing grade in Engineering Design I and II	30
Principles of Engineering II	.5	10,11,12 with passing grade in Principles of Engineering I	30
Cabinetmaking & Furniture Design I	1	9,10,11,12	31
Cabinetmaking & Furniture Design II	1	10,11,12 with passing grade in Intro to Cabinetmaking & Furniture Design I	31

*Satisfies Regent's Qualified Admissions

~Satisfies additional Regent's requirements for Scholar's consideration

^ Satisfies Fine Arts requirements

COURSE OFFERINGS

COURSE TITLE	CREDIT	GRADE LEVEL/PREREQUISITE	PAGE
LANGUAGE ARTS DEPTARMENT			31-36
*English I	1	9, required	31
English I Assist	1	9, with counselor approval, concurrent enrollment in English 1	31
*Honors English I	1	9, by placement	31
*English II	1	10, required	32
English II Assist	1	10 with passing grade English I, counselor approval, concurrent enrollment in English II	32
*Honors English II	1	10 with teacher approval	32
*English III	1	11 required	32
Essentials of English III	1	11 with teacher approval	32
*Honors English III	*Honors English III	*Honors English III	32
*College Prep Composition	.5	9,10,11,12	33
*Speech and Communications	.5	9,10,11,12	33
*Creative Writing	.5	10,11,12	33
*Mythology	.5	10,11,12	33
*BCC Public Speaking	.5	10,11,12 with qualifying scores	33
*BCC Composition I	.5	10,11,12 with qualifying scores	33
*BCC Composition II	.5	10,11,12 with qualifying scores	33
*British & World Literature	.5	12	34
*20th Century Sci-Fi Literature	.5	11, 12	34
Reading for the Real World	.5	11,12	34
ACT Prep	.5	11,12	34
^Forensics (Speech and Drama)	.5	9,10,11,12	34
^Drama I	.5	9,10,11,12	34
^Drama II	.5	9,10,11,12 with passing grade in Drama I	35
^Repertory Theater	.5	10, 11, 12	35
Stage Craft	.5	9,10,11,12	35
21st Century Journalism	.5	9,10,11,12	35
Yearbook Production	1	10,11,12 with passing grade in 21st Century Journalism, teacher approval	35
^Photo Imaging	.5	9,10,11,12	35
^Advanced Photo Imaging	5	9,10,11,12 with passing grade in Photo Imaging and teacher approval	
Sports Broadcasting	1	10, 11, 12, includes out of school participation	36

*Satisfies Regent's Qualified Admissions

~Satisfies additional Regent's requirements for Scholar's consideration

^ Satisfies Fine Arts requirements

COURSE OFFERINGS

COURSE TITLE	CREDIT	GRADE LEVEL/PREREQUISITE	PAGE
LANGUAGE ARTS DEPTARMENT cont.			31-36
Audio Video Production Fundamentals	.5	10,11,12	36
Video Production	1	11,12 with passing grade in Audio Video Production Fundamentals and teacher approval	36
MATH DEPARTMENT			36-38
*Algebra I	1	9,10,11,12	36
*Geometry	1	9,10,11,12 with passing grade in Algebra I	37
*Honors Geometry	1	9,10,11,12 with passing grade in Algebra I and teacher approval.	37
Financial Algebra	1	10,11,12 with passing grade in Algebra I and Geometry and teacher recommendation.	37
*Algebra II	1	9,10,11,12 with passing grade in Geometry	37
*Honors Algebra II	1	9,10,11,12 with passing grade in Geometry or Honors Geometry with teacher approval.	37
*Advanced Mathematics	1	10,11,12 with passing grade in Algebra II and Geometry	38
*BCC College Algebra	.5	10,11,12 with qualifying scores	38
*Calculus	1	11,12 with passing grade or concurrent enrollment in Advanced Math	38
ACT Prep	.5	11,12	38
Consortium Electives			38-39
BCC Intro to Teaching	.5	11,12 with qualifying scores	38
AIDE	.5	11,12 with teacher and counselor approval	39
HOTT	.5	12	39
College/Career Ready Internship	.5	12	39
MUSIC DEPARTMENT			39-40
^Mixed Chorus	1	9,10,11,12	39
^Mens Ensemble	1	10,11,12 audition required	39
^A Capella	1	10,11,12 audition required	40
^Celebration	1	10,11,12 audition required	40
^Celebration	1	10,11,12 audition required	40
^Madrigals	1	10,11,12 audition required	40
^Band	1	9,10,11,12	40
^Jazz Band	1	9,10,11,12 audition required (for all but guitar, bass guitar, and piano players)	40

*Satisfies Regent's Qualified Admissions

~Satisfies additional Regent's requirements for Scholar's consideration

^ Satisfies Fine Arts requirements

COURSE OFFERINGS

COURSE TITLE	CREDIT	GRADE LEVEL/PREREQUISITE	PAGE
PHYSICAL EDUCATION DEPARTMENT			41-42
Freshman P.E.	.5	9, required (if you aren't taking Intro to Sports Performance)	41
Introduction to Sports Performance	.5	9, required (if you aren't taking Freshman P.E.) Must have physical on file.	41
Health	.5	9, required	41
Advanced Team Sports	.5	10,11,12 with passing grade in Freshman P.E. or Intro to Sports Performance. (Can only be taken once a year). Must have a minimum of a "B" to continue taking it.	41
Lifetime Fitness	.5	10,11,12, with passing grade in Freshman P.E. or Introduction to Sports Performance. (Can only be taken once a year).	41
Sports Performance	.5	10,11,12 with passing grade of "B" Freshman P.E. or Intro to Sports Performance. Must have a minimum of a "B" to continue taking it.	42
Zero Hour Advanced Sports Performance	.5	9,10,11,12 (10,11,12 for Fall Semester and 9,10,11,12 for Spring Semester) All students must be approved by Coach Clothier. Must	42
SCIENCE DEPARTMENT			42-43
Physical Science	1	9	42
*Chemistry I	1	9, with teacher approval, 10,11,12	42
*Biology I	1	10, required	42
*Biology II	1	10,11,12 with passing grade in Biology I	43
*Human Anatomy & Physiology	1	11,12 with passing grade in Biology I and Chemistry I	43
*AP Chemistry	1	10,11,12 with grade of A or B in Chemistry I and Biology I	43
*Physics	1	11,12 with passing grade in Chemistry I and Algebra II	43
*BCC Certified Nurse Assistant	1	10,11,12 with qualifying scores	43
SOCIAL STUDIES DEPARTMENT			44-45
*World Geography	.5	9, required	44
*World History	1	10, required	44
*American History	1	11, required	44
*Honors American History	1	11, with teacher approval	44
*American Government	.5	12, required	44
*Honors American Government	.5	12, with teacher approval	45
Intro to Psychology	.5	9,10,11,12	45
American History 3/Current Events	.5	12	45
Civil Rights Movement	.5	11,12	45

*Satisfies Regent's Qualified Admissions

~Satisfies additional Regent's requirements for Scholar's consideration

^ Satisfies Fine Arts requirements

COURSE OFFERINGS

COURSE TITLE	CREDIT	GRADE LEVEL/PREREQUISITE	PAGE
Intro to Psychology	.5	10, 11,12 with qualifying scores	45
American Federal Government	.5	12, with qualifying scores . Taken online through BCC	45
*BCC General Psychology	.5	10,11,12 with qualifying scores	45
*BCC Sociology	.5	10,11,12 with qualifying scores	45
FOREIGN LANGUAGE DEPARTMENT			46-47
~French I	1	9,10,11,12	46
~French II	1	10,11,12, with passing grade in French I	46
French III	1	11,12, with passing grade in French II	46
~Spanish I	1	9,10,11,12	46
~Spanish II	1	10,11,12, with passing grade in Spanish I	46
Spanish III	1	11,12, with passing grade in Spanish II	46
Spanish IV	1	10,11,12, with passing grade in Spanish III	47
*BCC Spanish IV (Dual Credit)	1	10,11,12, with passing grade in Spanish III	47
SPECIAL EDUCATION DEPARTMENT			47
		9,10,11,12 by placement only	47
Learning Lab	1	9,10,11,12 by placement only	47
Vocational Work Resource	1	10,11,12 by placement only	47
SEMINAR			47
Seminar/Advisory	.25	9,10,11,12 required	47
BCC Courses			33-47
*BCC English Comp. I	.5	10,11,12 with qualifying scores	33
*BCC English Comp. II	.5	10,11,12 with qualifying scores	33
*BCC Public Speaking	.5	10,11,12 with qualifying scores	33
*BCC College Algebra	.5	10,11,12 with qualifying scores	38
*BCC Intro to Teaching	.5	11,12 with qualifying scores	38
*BCC Certified Nurse Assistant	.5	10,11,12 with qualifying scores	43
*BCC American Federal Government	.5	12 with qualifying scores	45
BCC General Psychology	.5	10,11,12 with qualifying scores	45
*BCC Sociology	.5	10,11,12 with qualifying scores	45
*BCC Spanish IV	10		47

*Satisfies Regent's Qualified Admissions

~Satisfies additional Regent's requirements for Scholar's consideration

^ Satisfies English requirement

ART DEPARTMENT

Intro to Drawing

This course will offer in-depth study of basic drawing principles. Students will work in a variety of monochromatic media, including graphite, charcoal, and ink pen. Students will also be introduced to color through the creation of a color wheel. Students will work directly from student models, local landscape, and original photographs. Additionally, we will begin a formal study of the elements and principles of art, artists' styles, current jobs in the field of visual arts and visual process of critique. **Satisfies Fine Arts graduation requirement.**

CTE Pathway: Visual Arts

Prerequisite: 9,10,11,12

Offered: 2021-2022 Credit ½

Principles of Illustration

In this course students will begin to develop compositional ideas on their own. Exploration of media, particularly color media, will be the main focus of this class. Media used may include colored pencil, tempera paint, watercolor paint, color prints and/or acrylic paint. In addition, students will look at historical aspects of artists and their impact on our culture. We will continue to study the elements and principles of art, as well as begin to write final critiques of our own and others work. Students will be expected to show in monthly and semester shows as a part of their criteria in the class.

Satisfies Fine Arts graduation requirement.

CTE Pathway: Visual Arts

Prerequisite: 9,10,11,12, with passing grade in Intro to Drawing

Offered: 2021-2022 Credit ½

Advanced Two-Dimensional Art

This course is designed for students whom have completed Introduction to Drawing and Principles of Illustration. Through-out the semester, students will choose a program of study and complete 3-4 projects in a given media for a portfolio assessment. Students will write formal critiques of famous artwork, as well as self-critiques of their own work. Students will also research several artists. Students will be expected to show in monthly and semester shows as a part of their criteria in the class. As there are several programs of study, this class can be taken several times. **Satisfies Fine Arts graduation requirement.**

Prerequisite: 10,11,12, with passing grade in Principles of Illustration

Offered: 2021-2022 Credit ½

Three-Dimensional Art I

This course will emphasize design principles relative to three-dimensional space. Student will spend the majority of the semester working with clay, utilizing traditional hand-building techniques. Students will draw, design, and construct a variety of functional and non-functional vessels. Additionally, we will begin a formal study of the Elements and Principles of Art, study of current and past artist's styles, current careers in the visual arts field, and the visual process of critique. Student shows and guest artists will be a part of our semester of study. **Satisfies Fine Arts graduation requirement.**

Prerequisite: 9,10,11,12

Offered: 2021-2022 Credit ½

Three-Dimensional Art II

This class continues to explore three-dimensional concepts as we investigate different three-dimensional media. Students will work in paper, plaster, clay, etc. Advanced clay building techniques, such as wheel throwing, will be an integral part of the curriculum. In addition, students will study a variety of both traditional and contemporary artists. We will continue to study the elements and principles of art, as well as begin to write final critiques of our own and others' work. Students will be expected to show in monthly and semester shows as part of their criteria in the class. **Satisfies Fine Arts graduation requirement.**

Prerequisite: 9,10,11,12 with passing grade in Three-Dimensional Art I

Offered: 2021-2022 Credit ½

Advanced Three-Dimensional Art

This course is designed for students whom have completed Three-Dimensional Art I and 11. Throughout the semester, students will choose a program of study and complete 3-4 projects in a given media for a portfolio assessment. Students will write final critiques of famous artwork, as well as self-critiques of their own work. Students will also research several artists. Students will be expected to show in monthly and semester shows as a part of their criteria in the class. As there are several programs of study, this class can be taken several times. **Satisfies Fine Arts graduation requirement.**

Prerequisite: 10,11,120 with passing grade in Three-Dimensional Art II

Offered: 2021-2022 Credit ½

ART DEPARTMENT– Continued

Graphic Design Fundamentals

Graphic Design Fundamentals provides a basic understanding of the graphic design process. Topics include analyzing the design elements and principles, exploring industry tools, software and equipment and learning composition techniques to develop a quality product. Students will utilize Photoshop and other parts of the Adobe Suite to create unique works. Students will also study various careers in the Graphic Design Field.

Satisfies Fine Arts graduation requirement.

CTE Pathway: AV Communications and Visual

Arts Prerequisite: 9,10,11,12

Offered: 2021-2022 Credit ½

Graphic Design

Students will utilize artistic techniques to effectively communicate ideas and information to business and customer audiences via illustration and other forms of digital or printed media. Topics covered will include concept design, layout, paste-up and techniques such as engraving, etching, silkscreen drawing and cartooning, painting, collage and computer graphics. **Satisfies Fine Arts graduation requirement.**

CTE Pathway: AV Communications and Visual Arts

Prerequisite: 9,10,11,12, with passing grade in

Graphic Design Fundamentals and Teacher approval

Offered: 2021-2022 Credit ½

BUSINESS DEPARTMENT

Business Communications

This introductory course will teach students to communicate in a clear, courteous and concise manner on both personal and professional levels. Competency will be developed in oral, written, interpersonal, technological and employment communication with a focus on skills using Microsoft Office. Listening skills will be incorporated throughout the semester. The overriding goal is to provide students with the business communication skills necessary in today's world.

CTE Pathway: Business Entrepreneurship & Management

Prerequisite: 9, required; 10,11,12

Offered: 2021-2022 Credit ½

Sports & Entertainment Marketing

Have you ever wondered what it takes to bring a concert to town or host a college basketball game? Scheduling and publicizing the event, selling tickets, ordering promotional merchandise such as tee-shirts, hats, etc., and arranging for necessary equipment and supplies are all part of the work that must be done well before the event takes place. Sports and Entertainment Marketing will allow students the opportunity to learn about these things and more. What types of events would be most profitable? How does a star's earning power affect marketing techniques? What forms of advertising are most effective? Learn the answers in this class!

Prerequisite: 9,10,11,12

Offered: 2021-2022 Credit ½

Computer Graphics

This course is an extension of Business Communications and allows the student to produce a publication-quality document. This course utilizes software to combine text, graphics, and sound to produce a finished document. This course will introduce students to various software and focus on animations, image editing, and video editing.

Prerequisite: 10,11,12

Offered: 2021-2022 Credit 1

Event Planning & Management

This course covers the day-to-day dynamics of coordinating a successful professional meeting or event. Participants will discuss best practices in on-site management, and learn the standard techniques used to coordinate and manage meeting and event planning. Students will plan and coordinate a variety of fictional events including birthday parties, graduation parties, school carnivals, and even their own wedding.

Prerequisite: 9,10,11,12

Offered: 2021-2022 Credit ½

Consumer & Personal Finance

Consumer and Personal Finance course provides students with an understanding of a wide range of concepts that will be utilized in their adult life - we call it "adulting". This course will emphasize such topics as: money, saving, budgeting and investing, credit cards and debt, types of insurance - such as car, rental and homeowner's insurance. The student will also learn about their role as a consumer and consumer protection.

CTE Pathway: Business Finance

Prerequisite: 10,11,12

Offered: 2021-2022 Credit ½

BUSINESS DEPARTMENT– Continued

Business Law

This semester course is designed to make the student more aware of our constantly changing legal system. Every person, regardless of occupation, is constantly affected by our laws; therefore, everyone needs a better understanding of legal rights and responsibilities. We will emphasize the sections concerning the individual rather than business. Topics discussed will be: types of laws, ethics, criminal law, civil law, contract laws, juvenile laws, and laws pertaining to everyday life. The students may get the opportunity to tour the El Dorado Correctional Facility.

CTE Pathways: Business Entrepreneurship & Management, and Business Finance
Prerequisite: 10,11, 12
Offered: 2021-2022 Credit ½

Accounting

This course teaches basic accounting theory, terms, and accounting procedures for a sole proprietorship, a partnership, a service and retailing business. Theory and practical applications are both stressed. Problems and business simulations are used to help give students an overall picture of how they would utilize these skills in a business setting. This course articulates with Butler Community College.

CTE Pathway: Business Finance
Prerequisite: 10,11,12
Offered: 2021-2022 Credit 1

Advanced Accounting

This course includes advanced work and practice on the skills mastered in Accounting A & B and specialized accounting theory in partnerships, corporations and voucher systems. Business simulations and the computer will be incorporated into the accounting procedure. This course articulates with Butler Community College.

CTE Pathway: Business Finance
Prerequisite: 11,12, with passing grade in Accounting
Offered: 2021-2022 Credit 1

Web Page Design

Students in this class will maintain and continue to develop the CHS web page on the Internet. In addition to learning how to use the software programs, students will research and gather information from various departments in the school. Students must work well as a team and have a solid foundation in computer applications and the Internet.

CTE Pathway: Business Entrepreneurship & Management
Prerequisite: 11,12, with passing grade in Business Communications and Computer Graphics
Offered: 2021-2022 Credit 1

Entrepreneurship I

This class is a valuable experience for students interested in developing and running their own business. After an introduction of self-discovery and basic economic principles, students learn the fundamentals of market -based management and business development. Students will choose a business and develop a business plan. Topics included in the business plan will be description, mission statement and goals, management, customer profile, financial documents along with some business documents related to the plan. This course articulates with Butler Community College.

CTE Pathways: Business Entrepreneurship & Management, and Business Finance
Prerequisite: 9,10,11, 12
Offered: 2021-2022 Credit ½

FAMILY & CONSUMER SCIENCE DEPT.

Career & Life Planning

This course is designed to help students develop basic skills for everyday living and work. They will gain knowledge, attitudes, and behaviors necessary to be successful in families, careers, and communities. This course will include goal setting, decision making, personal growth, money management and communication skills. Students will explore relationships and leadership roles. Throughout this course, students will work in a group setting and experience hands-on activities. It is a practical course for both males and females and is a prerequisite for the upper level Human Services/Family and Consumer Science courses. This course will be offered first semester. This course articulates with Butler Community College.

CTE Pathway: Restaurant & Event Mgmt, Visual Arts, Family &Community Services, Teaching & Training, Early Childhood Development & Services
Prerequisites: 9,10,11,12
Materials: Binder notebook
Offered: 2021-2022 Credit ½

FAMILY & CONSUMER SCIENCE DEPT--

Continued

Introduction to Human Services

This class is an introductory class designed to help students develop basic skills for everyday living. They will gain knowledge, attitudes, and behaviors necessary to be successful in families, careers, and communities. Students will develop critical thinking skills while using nutrition information and learning ways to promote wellness. Students will also learn teamwork while developing cooking skills in a lab situation. Problem solving and technical reading will be developed while working with computerized sewing technology to make boxer shorts and gym bags. Throughout this course, students will work in a group setting and experience hands-on activities. This is a practical course for both males and females and is a prerequisite for the upper level Human Services/ Family and Consumer Science courses. This course will be offered second semester.

CTE Pathway: Early Childhood Development & Services and Family & Community Services

Prerequisites: 9,10,11,12 with passing grade in Career & Life Planning

Materials: Binder notebook, sewing equipment, gym

Bag sewing kits and fabric for boxer shorts

Offered: 2021-2022 Credit ½

It is recommended that Introduction to Human Services and Career and Life Planning both be taken the same school year.

World of Fashion

This class is designed for the student who wants to become advanced in sewing and fashions. Color and design, fabric and fibers, embroidery technology and sewing techniques are areas explored. Reading patterns, cutting fabric and constructing two sewing projects (one with a zipper and one with buttons) will finish out the semester,

Prerequisite: 10,11,12, with passing grade in Introduction to Human Services and Career and Life Planning

Materials: Sewing equipment and fabric to make sewing notebook and two projects

Offered: 2020-2021 Credit 1/2

Materials: Recipe box and cards or spiral bound recipe book

Offered: 2021-2022 Credit ½

Foods for Today: Nutrition and Wellness

In this course students will build upon the knowledge and techniques learned in Today's Living Skills (or Introduction to Human Services). Emphasis will be placed on nutrition, healthy meals, preparing foods, and making wise choices at the grocery store. This course articulates with Butler Community College.

CTE Pathway: Health Science

Prerequisite: 10,11,12, with passing grade in Introduction to Human Services and Career and Life Planning

Offered: 2021-2022 Credit ½

Culinary Essentials

Do you like to cook? Do you think you might be interested in food service as a part-time job or possible career? In this course you will learn advanced methods of cooking, baking, and knife skills, dive deeper into the importance of food and kitchen safety, and tackle more complex recipes and menus. This course will prepare students for occupations and for post-secondary programs of study related to culinary arts and the hospitality industry.

CTE Pathway: Restaurant & Event management

Prerequisite: 10,11,12 with passing grade in Foods for Today

Offered: 2021-2022 Credit ½

Family Studies

The Family Studies course is designed to encourage growth in the individual and to help cultivate skills for developing strong and healthy families. Concepts covered include problem solving, balancing work and family, relationships, communication and stress management. Students will explore the lifelong roles of family member, parent, worker, citizen and leader. This course articulates with Butler Community College.

CTE Pathway: Early Childhood Development & Services, and Family & Community Services

Prerequisite: 10,11,12

Offered: 2021-2022 Credit ½

FAMILY & CONSUMER SCIENCE DEPT--

Continued

Career Connections

Career Connections is the application level course that enables the student to apply technical skills in an internship learning experience (unpaid), outside or within the school environment. Emphasis will be placed on the continued development and finalization of the student's portfolio which includes resume writing, exploration of careers, and job interview skills. Focus is on the world of work, job seeking skills and the retention of jobs needed to advance within the workplace. Students will apply decision making, problem solving, and management skills to aid them in balancing work, school, and personal life.

CTE Pathway: Early Childhood Development & Services, and Family & Community Services
Prerequisite: 10,11,12
Offered: 2021-2022 Credit ½

Community Connections

Community Connections is the application level course that enables students to explore career opportunities and enhance job skills. They will compare local, state and national agencies and informal support resources and use that information to develop individual and family advocacy strategies to overcome adverse challenges facing today's family. Students will also learn about community net-working opportunities to help with family issues. Emphasis will be placed on quality work, effective communication and decision making in a variety of settings. The student will analyze job opportunities, polish a personal resume, and work on job seeking skills including applications, interviews, communication, and appearance.

CTE Pathway: Family & Community Services, Early Childhood, Restaurant & Event Management
Prerequisite: 10,11,12
Offered: 2021-2022 Credit ½

Human Growth & Development

Human Growth & Development Students enrolled in Human Growth and Development will realize what it means to be a parent or caregiver. They will learn how to insure a child's proper development, and how to promote physical, intellectual, emotional and social development from birth to pre-school age. This knowledge will be applied to design activities which are age and developmentally appropriate for children. Students will explore issues in balancing work and family, and examine ways to problem solve in today's society.

This class is for both males and females who plan to become parents or caregivers, who plan to pursue a career involving children, or who just enjoy being around children. This course articulates with Butler Community College.

CTE Pathway: Early Childhood Development & Services, and Family & Community Services
Prerequisite: 10,11,12
Offered: 2021-2022 Credit ½

Foundations to Early Childhood Development

Foundations of Early Childhood explores career opportunities in working with young children. Students will learn about the physical, intellectual, emotional, and social growth and development of children from conception to pre-school age. The course emphasizes applying this knowledge in child care settings. Other topics include observation skills, guiding learning experiences for children and promoting children's safety. Students will observe and assist in local child care and preschool education programs. This course articulates with Butler Community College.

CTE Pathway: Early Childhood Development & Services
Prerequisite: 11,12, with passing grade in Human Growth and Development
Offered: 2021-2022 Credit 1

Early Childhood Applications

Students who have taken Intro to Human Services and Career and Life Planning, Human Growth & Development, and Family Studies, and who want to enroll in HOTT to work with children in primary grades (K - 3), should enroll in Early Childhood Applications. Students will work cooperatively with the classroom teacher to provide instruction and assistance to young children. This course is a good choice for those who enjoy working with young children or who are considering a career in education or child care. Students should plan on taking the course for the full year. This course articulates with Butler Community College.

CTE Pathway: Early Childhood Development & Services
Prerequisite: 12
Offered: 2021-2022 Credit ½

FAMILY & CONSUMER SCIENCE DEPT– Continued

Interior Design

This course will teach students the skills necessary to design interior spaces that apply design elements and principles in spaces for residential and special needs (e.g. single family homes, multi-family structures, homes for special needs, child care centers, retirement homes, etc.). Topics will include meeting client's needs, legislated codes, historic considerations, current and future trends, and public policy. Projects include drawing and decorating a house.

CTE Pathway: Construction & Design

Prerequisite: 10,11,12

Offered: 2021-2022 Credit ½

INDUSTRIAL TECHNOLOGY DEPT.

Architecture Design I

Architectural Design I is a semester course that will introduce students to engineering and residential/building/industrial trade drafting. Skills development in blueprint reading will also be studied. Concepts in 3-view drawing, pattern making, pictorial drawing and working drawings will be studied in the engineering portion of this course. Architectural and residential design principles will be the focus of study. Students will design a small residential home and prepare a design and working set of architectural drawings.

CTE Pathway: Construction & Design

Prerequisite: 9,10,11,12

Offered: 2021-2022 Credit ½

Architecture Design II

Architecture Design II is a semester course that builds on the foundations and concepts explored in Architecture Design I. The focus of study in Architecture Design II will be advanced concepts of residential and commercial design as they relate to a wide variety of applications in the computer aided design world. The Architecture Design II - Revit student will incorporate theory and design by creating graphic presentations related to industry, construction and commercial building applications. Revit software is recognized as a world leading architecture design tool used in the building industry today. This course articulates with Butler Community College.

CTE Pathway: Construction & Design

Prerequisite: 9,10,11, 12, with passing grade in Architecture Design I or teacher approval

Offered: 2021-2022 Credit ½

Advanced Studies in Architectural Design

Advanced Studies in Architectural Design is an advanced level application course covering specific research-based topics in architectural design. Topics of study will include methods for employing "Green Building" techniques, HVAC, Electrical, and Plumbing Systems. Additional focus on the development of technical drawing plans utilizing traditional (board drafting), as well as, current (CAD) design methods will be included. Integration of advanced design techniques will be incorporated throughout the course curriculum.

CTE Pathway: Construction & Design

Prerequisite: 11,12, with passing grade in Architecture Design I and II

Offered: 2020-2021 Credit ½

CAM I (Computer Aided Machining I)

This course brings advanced technology and engineering concepts to the student through the integration and application of multiple theories as related to industrial technology. Students will work through several areas of study in independent and cooperative learning environments. The areas of study are Architectural Drafting, CAD Software, Computer Animation, Digital Design, Digital Manufacturing, Engineering Structures, Flight Transportation, Home Maintenance, Laser Engraving, Mechanical Drafting, 3-D Scanning, Precision Measurements, Robotics, Vinyl Sign Making and Virtual Reality. Utilization of advanced technology equipment will be required.

The course will enhance the students' understanding of technology and prepare students for the workforce of the future. This course articulates with Butler Community College.

CTE Pathway: Manufacturing

Prerequisite: 9,10,11,12

Materials: Project related materials and supplies

Offered: 2021-2022 Credit ½

CAM II (Computer Aided Machining II)

This advanced course will focus on CNC, CAM, engineering design, and leadership development in independent and cooperative learning environments. Utilization of advanced technology equipment will be required. The students will create projects utilizing the CNC Router, CNC Plasma, Laser Engraver, Vinyl Cutter, Heat Press, and Screen Printing Press. The course will enhance the students' understanding of technology and prepare students for the workforce of the future. This course articulates with Butler Community College.

CTE Pathway: Manufacturing

Prerequisite: 9, 10,11,12, with passing grade in CAM I

Materials: Project related materials and supplies

Offered: 2021-2022 Credit ½

INDUSTRIAL TECHNOLOGY DEPT. –

Continued

Drafting/CAD I

Drafting/CAD I is a semester class offered to students desiring to further their study in the visual and design area of graphic presentation and communications. Computer-aided mechanical design is emphasized and studied. The software, AutoCAD, provides the instructional support and presentation platform for Drafting/CAD I. Students will design, create, and draw various mechanical applications utilized and presented in technology industries today. This area of study will prepare students for career opportunities in the specialized area of drafting and design engineering. This course articulates with Butler Community College.

CTE Pathway: Construction & Design, and Production
Prerequisite: 9,10,11,12

Drafting/CAD II

Drafting/CAD II is a semester course in advanced 3-D design. The software for this course, Inventor and Solid-Works, introduces the student to Advanced 3-D parametric modeling. Design features emphasized in Drafting/CAD II includes 3-D design tools, part modeling, sheet metal layout and presentation. This specific area of study will incorporate instructional methods that encourage self-directed student learning, and personal portfolio applications. Completion of this course of study will provide the student with a comprehensive and advanced graphic design training. This course articulates with Butler Community College.

CTE Pathway: Construction & Design, and Production
Prerequisite: 9,10,11,12, with passing grade in Drafting/CAD I or Architecture Design I
Offered: 2021-2022 Credit ½

3-D EXPERIENCE (CATIA 1)

The first quarter of this course is a foundational course for learning 3-D EXPERIENCE. This course covers the creation of solid parts without complex contours. Students will be introduced to the part environment of 3-D EXPERIENCE and learn how to work between the Sketcher and Part Design workbenches to create individual parts. The second quarter of this course covers the use of multiple parts, in 3-D EXPERIENCE, to create an assembly. This includes manipulating parts in an assembly, creating engineering connections and analyzing assemblies. It also covers designing within the context of an assembly, including creating and using publications.

Dual Credit.

WSU TECH: CAT 101 CATIA Part Design and Sketcher
CAT 105 CATIA Assembly Design

CTE Pathways: Manufacturing, Aviation
Prerequisite: 10,11,12, with passing grade in Drafting/CAD II; Architecture Design II, or with teacher approval

Offered: 2021-2022 Credit ½

3-D EXPERIENCE (CATIA 2)

The first quarter of this course is an extension of the part environment of 3-D EXPERIENCE and covers the use of wireframe and surface geometry to create complex contours. This course concentrates on the tools available and how to integrate this geometry back into a solid part. The second quarter of this course covers the creation of engineering drawings. Students will be introduced to the drafting environment of 3-D EXPERIENCE and learn how to create drawings from parts and products.

Dual Credit.

WSU TECH: CAT 110 CATIA Wireframe and Surfaces

CAT 102 CATIA Drafting

CTE Pathways: Manufacturing, Aviation
Prerequisite: 10,11,12 with passing grade in 3-D EXPERIENCE (CATIA 1)
Offered 2021-2022 Credit ½

Manufacturing Processes I

Manufacturing Processes I is a semester course that introduces the student to the world of manufactured products. The main focus of the course is the multitude of materials and processes used throughout the manufacturing industry. This exposure to and awareness of the manufacturing process enhances the student's skills and abilities to perform in a manufacturing environment. Primary attention is given to the following topics: safety, hand tool identification, related vocabulary, and manufacturing project activities. Specialized areas of study may include mass production operations, how a company works, specific job and skill requirements, rate of production, and profit margin principles. This course articulates with Butler Community College.

CTE Pathway: Manufacturing
Prerequisite: 9,10,11,12
Offered: 2021-2022 Credit ½

Manufacturing Processes II

Manufacturing Processes II is the study of production processes through a wide variety of manufacturing applications. Implementation of the industrial production processes will include woodworking, metal working, plastics, ceramics, polymers, and screen printing. The investigation into production operations will include working with hand tools, power equipment and various jigs and specialized manufacturing setups. Computer management inventory systems are incorporated into the handling and distribution of products and materials. The study of mass production, lean production and Just In Time principles of products and manufacturing operations will provide the student with the essential background related to the manufacturing production process. This course articulates with Butler Community College.

CTE Pathway: Manufacturing
Prerequisite: 9,10,11,12, with passing grade in Manufacturing Processes I
Offered: 2021-2022 Credit ½

INDUSTRIAL TECHNOLOGY DEPT. – Continued

Production Welding Processes I

In Production Welding Processes I students will identify safe practices, safety and health issues, and procedures in the welding process. They will describe and identify basic metals and metallurgy. Students will then be introduced to the techniques of SMAW (Shielded Metal Arc Welding), GMAW (Gas Metal Arc Welding), GTAW (Gas Tungsten Arc Welding) and oxyfuel welding.

CTE Pathway: Manufacturing
Prerequisite: 10,11,12, with passing grade in Manufacturing Processes II
Offered: 2021-2022 Credit ½

Production Welding Processes II

Production Welding Processes II is a second semester class, students will continue to refine their skills and will weld joints in various welding positions. They will make welds to flat iron, angle iron, square tubing, and pipe. Students will also be introduced to plasma cutting and CNC plasma cutting.

CTE Pathway: Manufacturing
Prerequisite: 10,11,12 with passing grade in Production Welding Processes I
Offered: 2021-2022 Credit ½

Engineering Design I

Engineering Design I is an entry level course that focuses on the design process, applying math, science, and engineering standards to hands-on projects. Students will engage in open-ended problem solving, learn and apply the engineering design process, and develop teamwork, communication, and critical thinking skills. They will work both individually and in teams to design solutions to a variety of problems using 3D modeling software and document their work in an engineering notebook. This course, along with Engineering Design II, is designed to prepare students for careers or post-secondary study in STEM (Science, Technology, Engineering and Math) fields.

CTE Pathway: Engineering & Applied Mathematics
Prerequisite: 9,10,11,12
Offered: 2020-2021 Credit ½

Engineering Design II

In Engineering Design II students will continue learning concepts introduced in Engineering Design I and will finish their engineering notebook. Through hands-on, real world problem solving, students will work with 3D modeling software to help them communicate design solutions to peers and members of the professional community.

CTE Pathway: Engineering & Applied Mathematics
Prerequisite: 9,10,11,12, with passing grade in Engineering Design I
Offered: 2021-2022 Credit ½

Principles of Engineering I

This class is an intermediate level course for students interested in Science, Technology, Engineering and Math (STEM) classes. This survey course explores postsecondary engineering concepts. Examples of topics discussed include: energy, kinematics, materials, mechanisms and statics. Project Lead The Way strives to engage students in hands-on, real-world projects so that they understand how the skills they are learning in the classroom can be applied in everyday life.

CTE Pathway: Engineering & Applied Mathematics
Prerequisite: 10,11,12, with passing grade in Engineering Design I & II
Offered: 2020-2021 Credit ½

Principles of Engineering II

This course is a continuation of Principles of Engineering I (POE I). Students who take this class must have previously taken POE I. Students will further their problem-solving skills through research and design to create solutions to various challenges. They will also be required to document their work and communicate solutions. Project Lead The Way strives to engage students in hands-on real-world projects, so that they understand how the skills they are learning in the classroom can be applied in everyday life.

CTE Pathway: Engineering & Applied Mathematics
Prerequisite: 10,11,12, with passing grade in Principles of Engineering I
Offered: 2020-2021 Credit 1/2

INDUSTRIAL TECHNOLOGY DEPT. – Continued

Research & Design for Manufacturing

This course brings advanced technology and engineering concepts to the student through the integration and application of multiple theories as related to industrial technology. CNC, CAM, engineering design, digital electronics, and leadership development are studied in independent and cooperative learning environments. Utilization of advanced technology equipment will be required. The course's curriculum will enhance the students' understanding of technology and prepare students for the workforce of the future. Students will design and build all of the awards, signage, and projects for the district.

CTE Pathway: Manufacturing

Prerequisite: 11,12, with teacher approval

Offered: 2021-2022 Credit 1

Cabinetmaking & Furniture Design I

This course is for beginning woodworkers and has ties to manufacturing, drafting, math, science, and art. Areas covered include: safety, measurement, hand tool and machine use, project plan reading, adhesive and fastener basics, basic design concepts, material considerations and selection, and cost calculations for beginning projects. More advanced projects will be introduced as skills are learned and demonstrated. SAFETY is paramount in this and all woodworking courses at CHS. This course articulates with Butler Community College.

CTE Pathway: Construction & Design

Prerequisite: 9,10,11,12

Course Fees: Second semester project fees will be calculated on an individual project basis.

Offered: 2021-2022 Credit 1

Cabinetmaking & Furniture Design II

This course is designed to further develop skills and techniques introduced in Cabinetmaking and Furniture Design I. Areas covered include safety, advanced machining techniques, product design and development, wood identification, wood and adhesive science/technology, sheet stock production and application, fasteners, wood finishing. Eventually, the students will work closely with the instructor to design, develop, and build their own project(s). Emphasis will be on the trades and industries of cabinetmakers, furniture designers, builders, millwrights, general contractors, and similar industries. SAFETY is again paramount. This course articulates with Butler Community College.

CTE Pathway: Construction & Design

Prerequisite: 10,11,12 with passing grade in

Cabinetmaking and Furniture Design I

Course Fees: Project fees will be calculated for

individual woodworking materials and supplies

Offered: 2021-2022 Credit 1

English I

English I includes reading, writing, listening, speaking, and researching. Students will compose, revise and edit

LANGUAGE ARTS DEPARTMENT

their own writing, using the 6+1 Trait Writing Model as a guide. A research paper on a student topic choice is required. This course includes a survey of various literary genres including short stories, nonfiction exposition, epic poetry, and Greek mythology, Shakespearean drama, and the novel. Students will study fictional elements, basic themes, author styles and the basic elements of analysis and interpretation of literature. **Satisfies English graduation and Regents Qualified Admissions requirements.**

Prerequisite: 9, required

Offered: 2021-2022 Credit 1

English I Assist

Targeted 9th grade students will be required to enroll in this additional course. The course will consist of individualized instruction for reading and writing, and supplemental time for English I. Students will be reevaluated at semester for proper placement. Targeted students will be identified through classroom performance, standardized tests, state assessment scores, and classroom teacher recommendation. **Does not satisfy English graduation or Regents Qualified Admission requirements.**

Prerequisite: 9, with counselor approval, concurrent enrollment in English I

Offered: 2021-2022 Credit 1

Honors English I

Honors English I includes extensive work in reading, writing, listening, speaking, and researching. Composition is stressed the entire year, is integrated within the literature, and emphasizes the writing process. A research paper on a student topic choice is required. The course also includes a more in-depth study of various literature types including short stories, nonfiction, epic poetry and Greek mythology, Shakespearean drama, and novels. Students considering this course must be self-motivated and willing to commit time and energy in order to gain the benefits of a more demanding course of study. Students will be selected for Honors based upon NWEA reading scores, a grade of A in 8th grade communications, teacher recommendation (based on a work ethic/behavior score) and a written essay. Additional written and independent work will be required, as well as a summer novel reading/writing assignment. **Satisfies English graduation and Regents Qualified Admissions requirements.**

Prerequisite: 9, by placement only

Offered: 2021-2022 Credit 1

LANGUAGE ARTS DEPARTMENT– Continued

English II

English II includes further work in reading, writing, listening, speaking, and researching. Students will compose, revise and edit their own writing, using the 6+1 Trait Writing Model as a guide. The process of producing quality writing through the writing process is the emphasis. A research paper is required. This course also includes a survey of the various literary genres of world literature including the short story, biography, autobiography, Shakespearean drama, essays, poetry, and the novel. Students will continue to study fictional elements, basic themes, author styles, and the basic elements of analysis and interpretation of literature.

Satisfies English graduation and Regents Qualified Admissions requirements.

Prerequisite: 10, required

Offered: 2021-2022 Credit 1

English II Assist

Targeted 10th grade students will be required to enroll in this additional course. The course will consist of individualized instruction for reading and writing, and supplemental time for English II. Students will be reevaluated at semester for proper placement. Targeted students will be identified through classroom performance, standardized tests, state assessment scores, and classroom teacher recommendation. **Does not satisfy English graduation or Regents Qualified Admission requirements.**

Prerequisite: 9, with counselor approval, concurrent enrollment in English II

Offered: 2020-2021 Credit 1

Honors English II

Honors English II focuses on advanced skills in reading, writing, listening, speaking, and researching. This course also includes an in-depth study of the various literary genres of world literature including the short story, biography, autobiography, Shakespearean drama, essays, poetry, and novels. Students will continue to study fictional elements, basic themes, and author styles with an emphasis on analysis and interpretation of literature. In addition, the course includes introductory ACT/SAT prep activities. Students considering this course must be self-motivated and willing to commit time and energy in order to gain the benefits of a more demanding course of study. Additional written and independent work will be required, as well as, a summer novel reading/writing assignment. Students must earn a C in Honors English II during first semester in order to continue in the class second semester.

Satisfies English graduation and Regents Qualified Admissions requirements.

Prerequisite: 10, with teacher approval

Offered 2021-2022 Credit 1

English III

English III includes advanced work in reading, writing, listening, and researching. The basis of this class is a thorough review of American literature, its significant periods, and a novel study. Students will compose, revise and edit their own writing, using the 6+1 Writing Trait Model as a guide. Several smaller research projects are integrated within the literary and historical time periods. Students will continue to study fictional elements, basic themes, author styles and the basic elements of analysis and interpretation of literature. **Satisfies English graduation and Regents Qualified Admissions requirements.**

Prerequisite: 11, required

Offered: 2021-2022 Credit 1

Essentials of English III

Essentials of English is for targeted juniors (based on teacher recommendation and test scores). Students will study American literature in historical context and study a play, *The Crucible*. Students will develop skills in reading, writing, and listening. **Satisfies English graduation requirements. Does not satisfy Regents Qualified Admissions requirements.**

Prerequisite: 11, by placement only

Offered: 2021-2022 Credit 1

Honors English III

Honors English III focuses on advanced language arts skills including reading, writing, listening, and speaking. This class explores American literature with greater depth than English III and is recommended for college-bound students. Students considering Honors English III should be self-motivated and willing to commit time and energy in order to gain the benefits of a more demanding course of study. Students must earn a C or better in Honors English III during first semester in order to continue in the class second semester. **Satisfies English graduation and Regents Qualified Admissions requirements.**

Prerequisite: 11, with teacher approval

Offered: 2021-2022 Credit 1

LANGUAGE ARTS DEPT. –

Continued

Creative Writing

Students will improve their techniques and individual style in poetry and short story writing. The emphasis of this course is writing, but students will also read and discuss the works of a variety of writers in order to obtain a fuller appreciation of the creative writing process. This is a great course to take to improve abilities in brainstorming, generating new ideas, critiquing person writing and that of classmates, and accepting feedback for improvement. Students must be willing to share their works with classmates and explore publication options. Creative Writing also provides an excellent opportunity for students to hone their skills in grammar and punctuation. **Satisfies English graduation Requirements. Does not satisfy**

Regents Qualified Admissions requirements.

Prerequisite: 10,11,12

Offered: 2021-2022 Credit ½

College Prep Composition

In this semester course, students will write five types of essays. Students will work to improve their skills in idea development, organization, voice, sentence fluency, word choice, and conventions. This course is highly recommended for students interested in improving their writing skills before college. **Satisfies English graduation and Regents Qualified Admissions requirements.**

Prerequisite: 9,10, 11,12

Offered: 2021-2022 Credit ½

Speech and Communications

This class focuses on what it means to be both a speaker and a listener. Students will take a hands on approach to the various sides, styles, and basics of communications and giving speeches. Potential subjects or topics of discussion in the class include growing up, school itself, current events, or moments in history. All topics will be viewed under the lens of speech and communication.

Satisfies English graduation Requirements.

Prerequisites: 9, 10, 11, 12

Offered: 2021-2022 Credit: ½

Mythology

This course is a thorough study of classical (ancient Greek and Roman) mythology and the roles that myth and legend play in societies. Students will study major stories found in classical mythology and become familiar with the beliefs, gods, heroes, history, and values of ancient cultures and how those cultures helped shape Western civilization. The course includes reading, writing, and research skills. **Satisfies English graduation requirements and Regents Qualified Admissions requirements.**

Prerequisite: 10,11,12

Offered: 2021-2022 Credit ½

BCC English Composition I

This Butler Community College Dual Credit course will enable the student to communicate effectively through a variety of writing and reading activities to develop knowledge, skills, and critical thinking. The student will recognize the importance of the grammatical and rhetorical structure of language as applied to greater effectiveness and clarity in writing. The students will recognize the process and importance of creating clear and accurate documents. Qualifying scores required on ACT, ASSET or COMPASS. **Satisfies English graduation and Regents Qualified Admissions requirements.**

Prerequisite: 10,11,12, with qualifying scores

Course Fee: BCC tuition and fees

Offered: 2021-2022 Credit ½

BCC English Composition II

This Butler Community College Dual Credit course will enable the student to further develop his/her knowledge, skills, and understanding of writing and reading with emphasis on thought-provoking writing topics and argumentative writing strategies. Because research provides a basis for most of the writing assignments in the course, the student will improve knowledge, skills, and critical thinking in regard to writing and reading, and will demonstrate proficiency in library and research skills. Qualifying scores required on ACT, ASS ET or COMPASS. **Satisfies English graduation and Regents Qualified Admissions requirements.**

Prerequisite: 10,11,12, with qualifying scores

Course Fee: BCC tuition and fees

Offered: 2021-2022 Credit ½

BCC Public Speaking

This Butler Community College Dual Credit course will enable the student to communicate effectively through a variety of public speaking venues, utilizing nonverbal as well as verbal skills. The student will be able to critically assess information both on a verbal and research level. This course will enable students to recognize the importance of self-concept in oral communication, to interview effectively and to work in groups confidently. Qualifying scores required on ACT, ASSET or COMPASS. **Satisfies English graduation and Regents Qualified Admissions requirements.**

Prerequisite: 10,11,12, with qualifying scores

Course Fee: BCC tuition and fees

Offered: 2021-2022 Credit ½

LANGUAGE ARTS DEPT. –

Continued

British & World Literature

The focus of this semester English elective for seniors will be on both literature and writing. Students will study classical and British literature with an emphasis on chronological developments, period influences, author analysis, and critical interpretations. Expository composition skills will be polished and basic language skills will be reviewed.

Several smaller research projects are integrated within the literary and historical time periods. This course is an excellent college preparatory class. **Satisfies English graduation and Regents Qualified Admissions requirements.**

Prerequisite: 12
Offered: 2021-2022 Credit ½

Reading for the Real World

Reading for the Real World is also a good choice for seniors who are planning to attend vocational schools or enter the workforce. Students will explore a variety of vocational and social issues to improve their expository, narrative, persuasive, and technical reading skills. Based on personal interest, they will read articles and research career paths. From this information, they will write a final research paper and present a formal slideshow. Students will be assessed through participation, class discussions, writings, quizzes, and the semester test. **Satisfies English graduation requirements. Does not satisfy Regents Qualified Admissions requirements.**

Prerequisite: 11, 12
Offered: 2021-2022 Credit ½

20th Century Sci-Fi Literature

This course will be a survey study of 20th century science fiction and the authors who created this genre. This study will focus on novels, short stories, graphic novels, and screenplays. Students will explore the world of 20th century science fiction by reading and discussing literature, researching authors, and connecting 20th century predictions to the 21st century. Students will be assessed through quizzes, participation, unit essays, group presentations, and be used in a variety of speaking situations. **Satisfies English graduation and Regents Qualified Admissions requirements**

Prerequisite: 11,12
Offered: 2021-2022 Credit ½

ACT Prep

ACT Prep is a course taught jointly by English and Math Department designed to help students prepare for the ACT test. This class is designed for Juniors and Seniors who will taking the ACT for the first time as well as those who wish to improve on scores previously earned on the ACT. Well-prepared students are more likely to score higher on the ACT, which may increase their chances of receiving scholarships and enable them to have more options when selecting a college. Students will learn test-taking strategies, review test content, take practice tests and discover ways to reduce test anxiety. **Does not satisfies English graduation requirements or Regents Qualified Admissions requirements.**

Prerequisite: 11,12
Offered: 2021-2022 Credit ½

Forensics (Speech and Drama)

Forensics, aka Speech and Drama, is a hands-on competitive Spring ONLY extracurricular that also has an in-class component. This KSHSAA sponsored event, considered a sport, helps students hone abilities in performing, public speaking, and communication. Students are required to work in and outside of the class, and attend at least three tournaments competing in two of the following events: Poetry Interpretation, Prose Interpretation, Humorous Solo Acting, Serious Solo Acting, Duo Interpretation, Impromptu Speaking, Improvised Duet Acting, Original Oration, Informative Speaking, and Extemporaneous Speaking (Foreign or Domestic). Find more info at: www.speechanddebate.org/competition-events/. **Satisfies Fine Arts graduation Requirements.**

Prerequisite: 9, 10, 11, 12, with passing grade in either Drama I, Speech and Communication, a previous Forensics class OR a final grade of B or higher in English I, II, or III
Offered: 2022 (Spring only) Credit ½

Drama I

If you have ever been interested in being on stage then this is the class for you! The Drama I class is an introductory course on important moments in theatre history and what it means to be a performer. A large portion of the grade is through participation and performances, but don't worry, because overcoming stagefright is part of the curriculum. This class works closely with the "Video Productions" class to create performing opportunities and moments of project based learning. **Satisfies Fine Arts graduation Requirements.**

Prerequisite: 9,10,11,12
Offered: 2021 (Fall Only) Credit ½

LANGUAGE ARTS DEPT. –

Continued

Drama II

If you enjoyed Drama I but through the experience got interested in being a leader in the arts, such as a team captain or director, then this is the next step for you! The Drama II is nested inside the Drama I class, but puts Drama II students in the role of mentor to the Drama I students. Some assignments will be similar to Drama I, but the Drama II students will be required to complete more individual and self-guided work as well. This class also works closely with the "Video Productions" class to create performing opportunities and moments of project based learning. **Satisfies Fine Arts graduation Requirements.**

Prerequisite: 10,11,12 with passing grade in Drama 1
Offered: 2021 (Fall Only) Credit ½

Repertory Theater

If you enjoyed Drama I, but through the experience wished that you got to perform more, and perform more traditional style theatre...then this is the class for you! The entire class is devoted to the collaboration and rehearsal process of putting on a show. From show selection, to casting, to practice, and performance, the entire class's goal is to put on two to four productions in the semester. **Satisfies Fine Arts graduation Requirements.**

Prerequisites: 10, 11, 12, with a passing grade in Drama I
Offered: 2022 (Spring Only) Credit ½

Stagecraft

If you enjoy the idea of Drama I, but wished that it had more to offer in terms of lights, set construction, costumes, or sound design, then this is the class for you! The entire class is devoted to the collaboration and production process of putting on a show on the technical side. Students will get an up close and personal with all aspects of technical theatre and even help realize current CHS productions from the ground up. You do NOT have to take the Drama I class in order to take this course. **Satisfies Fine Arts graduation Requirements.**

Prerequisites: 9, 10, 11, 12
Offered: 2021-2022 Credit ½

21st Century Journalism

This course takes an in depth look into the world of journalism. From the creation of the free press to the creation of instant global news, students will learn what it takes to become a modern-day journalist. This course will cover rules, laws and ethics that create the foundation of journalism.

Students will also learn the different styles of journalism, such as breaking news, editorials, sports, feature writing, writing for broadcasting and more! While this class requires larger amounts of writing, the writing will progress as student skill levels progress. Students will learn what makes something newsworthy and how to share a story effectively without bias or persuasion. The objective of this class is to develop solid journalistic skills so students may advance to Yearbook Production. There will be times where students will be required to attend after school events. **Satisfies English graduation requirements. Does not satisfy Regents Qualified Admission requirements.**

CTE Pathway: AV Communications

Prerequisite: 9,10,11

Offered: 2021-2022 Credit ½

Yearbook Production

This course will help students develop the skills to write, design, develop, and produce a full length yearbook. This course provides students with the opportunity to produce a product that is purchased by their peers and reviewed for decades. Topics include developing a production schedule, working as a team, utilizing journalistic story-telling skills, layout development, photojournalism, copywriting, graphic design, advertisement sales and much more! Students will be required to spend some time selling advertisements as well as attending after school events. **Satisfies English graduation requirements. Does not satisfy Regents Qualified Admission requirements.**

CTE Pathway: AV Communications

Prerequisite: 10,11,12 with passing grade in 21st Century Journalism, teacher approval & application with parent signature required

Offered: 2021-2022 Credit 1

Photo Imaging

Do you need an art credit but lack the ability to sing, dance, draw, paint or write? Well, this is the course for you! Learn to express your artistic talents as a photographer. This course will teach students the basics of becoming a photographer. Students will learn to properly operate equipment and technology programs that are designed specifically for professional photographers. Students will work with school provided equipment to help develop skills that promote creativity as well as story-telling.

Does not satisfy English graduation or Regents Qualified Admissions requirements. Satisfies Fine Arts graduation requirement. This course articulates with Butler Community College.

CTE Pathway: AV Communications and Visual Arts

Prerequisites : 9,10,11,12

Offered: 2021-2022 Credit ½

LANGUAGE ARTS DEPT. – Continued

Advanced Photo Imaging

Students who excelled in Photo Imaging are encouraged to further their passion for photography in Advanced Photo Imaging. Students will develop more professional skills and practices used by today's photojournalists, documentarians, and portrait photographers. Skills include pre-production planning, advanced lighting techniques, and advanced editing techniques. Students will learn from the best professional photographers in the area and will produce a professional style portfolio highlighting their talents. Students will be required to conduct and complete projects outside of regular school hours. ***Does not satisfy English graduation or Regents Qualified Admissions requirements. Satisfies Fine Arts graduation requirement.***

CTE Pathway: AV Communications and Visual Arts
Prerequisite: 9,10,11,12 with passing grade in Photo Imaging and Teacher approval.
Offered: 2021-2022 Credit ½

Audio Video Production Fundamentals

This course is designed for students who are interested in learning the aspects of broadcast production. Students will learn from both the instructor and experienced members of the T-Bird TV crew. Throughout the semester, students will learn the components that create successful broadcast and media productions. From brainstorming story ideas, conducting interviews, writing scripts, filming, editing, producing and anchoring, a wide range of skills and techniques will be introduced to students. Attendance and deadlines are critical to success in this class. This class will also work closely with Mr. Ralph's Drama classes in order to study and better understand all components of film production. Outside class time will be required in order to gather footage for some projects. ***Does not satisfy English graduation or Regents Qualified Admissions requirements.***

CTE Pathway: AV Communications and Visual Arts
Prerequisite: 10,11,12
Offered: 2021-2022 Credit ½

Video Production

In this course students apply the technical skills learned in Audio/Video Fundamentals by allowing students to orchestrate projects from planning through editing. Students in this course will be viewed as leaders and will be given more responsibilities of projects. Projects focus on in-depth stories that both inform, impact, and entertain the student body.

Along with filming and editing, students will continue to develop strong pre-production planning, interviewing and post-production skills. This class will also work closely with Mr. Ralph's Drama classes in order to study and better understand all components of film production. Outside class time will be required in order to gather footage for some projects. ***Does not satisfy English graduation or Regents Qualified Admissions requirements.***

CTE Pathway: AV Communications

Prerequisite: 11,12, with passing grade in Audio Video Production Fundamentals, teacher approval, application with parent signature required
Offered: 2021-2022 Credit 1

Sports Broadcasting

This course is responsible for all things sports! Students who join this course will learn how to set up a live stream channel to broadcast Thunderbird sports. This course covers the equipment as well as the philosophy and operation of a live media production. Students will also learn marketing and production techniques that will be used to promote teams and athletes at Circle High School. Students will need to attend sporting events multiple times throughout the semester in order to succeed in this class. ***Does not satisfy English graduation or Regents Qualified Admissions requirements.***

CTE Pathway: AV Communications
Prerequisite: 10,11,12
Offered: 2021-2022 Credit ½

MATH DEPARTMENT

Algebra I

In Algebra I, students work with integers, solve and graph linear and quadratic equations, and solve systems of equations in two variables. Other topics include writing equations of lines; solving inequalities; working with powers and exponents; adding, subtracting, multiplying and factoring polynomials; simplifying radicals; and performing other operations with radicals. ***Satisfies math graduation and Regents Qualified Admission requirements.***

Prerequisite: 9, 10, 11,12
Offered: 2021-2022 Credit 1

MATH DEPARTMENT continued

Geometry

Plane Geometry is developed as a mathematical system treating points, lines and planes as undefined terms. Deductive reasoning is introduced early in the course as the two-column deductive proof is developed. Congruent figures are treated in detail and similar polygons lead to a study of proportions. The Pythagorean Theorem and special right triangles are studied, as are properties relating to the circle. Students will find the perimeter and area of plane figures, and the surface area and volume of three dimensional figures. Transformational geometry will also be studied. **Satisfies math graduation and Regents Qualified Admissions requirements.**

Prerequisite: 9,10,11,12, with passing grade In Algebra I
Offered: 2021-2022 Credit 1

Honors Geometry

Honors Geometry covers all of the concepts of geometry such as deductive reasoning and proofs, congruent and similar figures, right triangles, perimeter, area, surface area, and volume. However, honors is more rigorous than Geometry making it ideal for students who excel in mathematics. Because of the advanced nature of the class, the pace through these topics will be quicker leaving more time to delve deeper into certain topics with enrichment activities. For example the units on logic and reasoning, transformations, and circles will be extended with less time spent on review of concepts students are expected to master in Algebra II in addition, concepts from future courses such as vectors, probability, and parabolas may be introduced. **Satisfies math graduation and Regents Qualified Admissions requirements.**

Prerequisite: 9,10,11,12, with passing grade in
Algebra I and teacher recommendation
Offered: 2021-2022 Credit 1

Financial Algebra

Financial Algebra is a math class where students learn to connect algebra to real life. This algebra based and technology- oriented course covers these topics: investing, banking, credit, income taxes, insurance and household budgeting. Algebra mechanics and problem-solving skills are reviewed and applied throughout the course.

Advanced mathematics topics such as piecewise functions, regression, limits, exponential functions, and linear/ quadratic systems are introduced as well. Students will be earning, spending, saving and investing for the rest of their life, and this class will give them the understanding and confidence to manage their money. **Satisfies math graduation and Regents Qualified Admissions requirements.**

Prerequisite: 10,11,12, with passing grade in
Algebra I and Geometry and teacher recommendation
Offered: 2021-2022 Credit 1

Algebra II

Students in Algebra II will advance their study of basic algebra concepts including real numbers, linear equations and inequalities, systems of linear equations and inequalities, polynomials and polynomial functions, quadratic equations, powers, roots and radicals. In addition, students will work with exponential, logarithmic, rational functions. Probabilities, permutations, and combinations will also be covered. **Satisfies math graduation and Regents Qualified Admissions requirements.**

Prerequisite: 9,10,11,12, with passing grade in Geometry
Materials: TI-8 3 or higher Graphing Calculator required
Offered: 2021-2022 Credit 1

Honors Algebra II

Honors Algebra II covers all of the concepts tradition- ally covered in Algebra II such as linear equations and inequalities, systems of linear equations and inequalities, polynomials and polynomial functions; quad ratio equations; powers, roots and radicals; exponential, logarithmic and rational functions; probability, permutations and combinations. However, Honors is more rigorous than Algebra II making it ideal for the student who excels in mathematics. Because of the advanced nature of the class, the pace through these topics will be quicker, leaving more time to delve deeper into certain topics with enrichment activities. **Satisfies math graduation and Regents Qualified Admissions requirements.**

Prerequisites: 9,10,11 ,12, with passing grade in
Geometry /Honors Geometry and teacher recommenda-
tion
Offered: 2020-2021 Credit 1

MATH DEPARTMENT continued

Advanced Mathematics

This course is the study of trigonometry which includes, but is not limited to, circular functions, degree and radian measure, trigonometric identities, graphs of the six trig functions, and oblique triangles. In Advanced Mathematics, students will also study the following topics: Conic sections and their graphs; graphing on the polar coordinate plane, vectors, matrices; and geometric sequences and series. Students who plan to pursue a career in the math/science field should consider taking this course. **Satisfies math graduation and Regents Qualified Admissions requirements.**

Prerequisites: 10, 11,12, with passing grade in Algebra II and Geometry

Materials: TI-83 or higher Graphing Calculator required
Offered: 2021-2022 Credit 1

Statistics

Using statistics and understanding statistical methods have become necessary skills in virtually every profession. This course helps students understand basic statistical techniques and apply them in real life situations. Topics covered include probability, combinational methods, conditional probability and independence, descriptive statistics, binomial and Poisson distributions, random variables and measures of central tendency, and variance. Students will also learn various ways to collect and organize data. **Satisfies math graduation and Regents Qualified Admissions requirements.**

Prerequisites: 10, 11, 12, with passing grade in Algebra II

Calculus

This course will follow the outline of a typical college level Calculus I course. There will be a review of pre-calculus followed by the following topics: limits and their properties, differentiation, applications of differentiation, and integration. Students will discover why we need calculus to solve real life problems and will develop methods to solve them. **Satisfies math graduation and Regents Qualified Admissions requirements.**

Prerequisites: 11,12, with passing grade or concurrent enrollment in Advanced Math

Materials: TI-83 or higher Graphing Calculator required
Offered: 2021-2022 Credit 1

BCC College Algebra

This Butler Community College Dual Credit course will enable the student to interpret mathematical symbols and notation, simplify expressions, factor polynomials, solve equations including absolute value, quadratic and systems of linear equations, perform operations on radical expressions, write equations of lines and evaluate functions. The successful student will begin to conceptualize abstract ideas. **Satisfies math graduation and Regents Qualified Admissions requirements.**

Prerequisite: 10,11,12, with qualifying scores required in ACT, ASSET or COMPASS.

Course Fee: BCC tuition and fees
Offered: 2021-2022 Credit ½

ACT Prep

ACT Prep is a course taught jointly by English and Math Departments designed to help students prepare for the ACT test. This class is designed for Juniors and Seniors who will taking the ACT for the first time as well as those who wish to improve on scores previously earned on the ACT. Well-prepared students are more likely to score higher on the ACT, which may increase their chances of receiving scholarships and enable them to have more options when selecting a college. Students will learn test-taking strategies, review test content, take practice tests and discover ways to reduce test anxiety. **Does not satisfy math graduation and Regents Qualified Admissions requirements.**

Prerequisites: 11,12

Offered: 2021-2022 Credit ½

Consortium Electives

BCC Intro to Teaching

This course will enable the student to gain valuable insight into the teaching profession through hands-on exploration of current theories in pedagogy. The student will gather, assemble, review, and analyze information for choosing career options in the teaching field. The student will organize leadership tasks, develop the necessary skills to continue preparation for teaching, and develop a professional approach to the teaching profession. The student will participate in a 30-hour classroom field experience (10 hours each in elementary, middle, and high school classrooms).

Prerequisite: 11,12, with qualifying scores
Offered: 2020-2021 Credit ½

Consortium Electives—

Continued

Aide

Circle High School seniors will assist staff members with various clerical and/or classroom duties. While responsibilities will vary according to staff assignment, a student may type, take roll, prepare bulletin boards, set up labs, operate office machines, file, deliver messages, and run errands. Students will be assigned to staff in the following areas: front office, teachers, library and counselors. Students are allowed to be an Aide once a semester. Juniors can be an Aide during 2nd semester and must be approved by the Counselors and Administration. Students will be graded on a Pass/Fail basis.

Prerequisites: 11, 12, (Juniors 2nd semester only with Counselor and Admin approval)

Offered: 2021-2022 Credit ½

HOTT (Helping Others Through Teaching)

Circle High School students assist teachers in elementary and middle school classrooms in numerous ways including making copies, putting up bulletin boards, and working with students one-on-one. The opportunity to work with the younger students is based on positive behavior and attitude on the part of the CHS student and can involve art projects, reading practice, and homework support. This course is a follow-up to Intro to Teaching for those who are interested in pursuing a career in education and is a prerequisite for Teaching Internship.

Prerequisite: 12, with passing grade in BCC Intro to Teaching

Offered: 2021-2022 Credit ½

***Special Note; Selection for Aide/HOTT assignments is based upon the student's prior academic performance, attendance, honesty and integrity, and the student's level of skill or ability to perform the necessary tasks associated with the assignment. Students will be assigned to an Aide/HOTI position and are limited to one**

College & Career Ready Internship

The internship requires a full semester commitment and allows students to explore their career interests and gain valuable work experience. Preparing students for the work environment is a critical component of his/her educational experience. Students will be matched with a career/business mentor and will require logging their hours. Students must apply to the program. Enrollment in this course is pending based on an application, attendance, and interview. For further information, contact Mrs. Crawford, the College & Career advocate in the counseling office.

Prerequisite: 12

Offered: 2021-2022 Credit ½

MUSIC DEPARTMENT

Mixed Chorus

This is a non-select choir that is open to any student who wants to participate in a singing group. Ninth grade students must enroll in this choir in preparation for entrance into one of the select choirs. This group performs at all home concerts and competes in regional and state contests. Previous musical experience is helpful, but not necessary. *Students are required to attend all functions set up by the organization. This is a year long course. Dropping at semester is not recommended.*

Satisfies Fine Arts graduation requirement

Prerequisite: 9,10,11,12

Materials: Purchase of polo shirt for performances required

Offered: 2021-2022 Credit 1

Men's Ensemble

Vocal Ensemble is a self-riser choir intended to develop vocal techniques and the ability to sing parts in small ensemble or madrigal groups. Course goals may include the development of solo singing ability and may emphasize one or several ensemble literature styles. This group performs at all home concerts and competes in regional and state contests. *Students are required to attend all functions set up by the organization. This is a year-long course. Dropping at semester is not recommended.* **Satisfies Fine Arts graduation requirement**

Prerequisite: 10,11,12, One year of HS vocal musical required. Selected by Audition.

Materials: Purchase of performance uniform and shoes required

Offered: 2021-2022 Credit 1

MUSIC DEPARTMENT continued

A Cappella

A Cappella is a large, select group requiring individual audition. Challenging literature is sung and a strong emphasis is placed on vocal technique. A variety of performances, plus regional and state contests, are some of the highlights of the year. This group performs at all home concerts and competes in regional and state contests. *Students are required to attend all functions set up by the organization. This is a year-long course.*

Dropping at semester is not recommended. Seniors who graduate after 1st semester are not eligible for this choir.

Satisfies Fine Arts graduation requirement.

Prerequisite: 10,11,12, audition/teacher approval required
Materials: Purchase of performance uniform and shoes required

Offered: 2021-2022 Credit 1

Celebration

Celebration is a select show choir with an enrollment between 16 and 24 singer/dancers with treble voices. This ensemble performs a variety of choral literature from traditional to show choir/jazz selections. Members of Celebration will be busy with performances in the community. Celebration combo members include keyboard, electric bass, trap set, guitar and auxiliary percussion/stage manager. *Students are required to attend all functions set up* This is a year-long course.

Dropping at semester is not recommended. Seniors who graduate after 1st semester are not eligible for this choir.

Satisfies Fine Arts graduation requirement.

Prerequisite: 10,11,12, audition/teacher approval required
Materials: Purchase of performance uniform and shoes required

Offered: 2021-2022 Credit 1

Madrigals

Madrigals is a select show choir with an enrollment between 16 and 24 singer/dancers. This ensemble performs a variety of choral literature from traditional madrigals to show choir/jazz selections. Members of Madrigals will be busy with performances in the community. Madrigal combo members include keyboard, electric bass, trap set, guitar and auxiliary percussion/stage manager. *Students are required to attend all functions set up by the organization. This is a year-long course. Dropping at semester is not recommended.*

Seniors who will graduate after 1st semester are not eligible for this choir. **Satisfies Fine Arts graduation requirement.**

Prerequisite: 11,12, Two years of select riser choir (Treble Chorus or Men's Ensemble) including 1 year of Acapella choir. Selected by Audition.

Materials: Purchase of Costumes and dance shoes required

Offered: 2021-2022 Credit 1

Treble Chorus

Treble Chorus is a select riser choir and will be limited to 24 students. Choir members will sing literature designed for treble voices and receive more personalized training. Treble Chorus participates in several activities during the school year, including home concerts and regional and state music contests. *Students are required to attend all functions set up by the organization. This is a year long course. Dropping at semester is not recommended.*

Satisfies Fine Arts graduation requirement.

Prerequisite: 10,11,12, audition/teacher approval required
Materials: Purchase of performance uniform and shoes required

Offered: 2021-2022 Credit 1

Band

Students in Band learn basic musicianship in the context of rehearsals and performances. It is a one year course. Enrollment in Band involves participation in marching band, concert band, and pep band. Concepts and techniques taught in this course include marching fundamentals, concert etiquette, music history, music theory, instrument care/maintenance, and performance skills- including tone , intonation, balance, blend, rhythm, timbre, embouchure, sticking, style, and articulation. *This is a year-long course. Dropping at semester is not recommended.* **Satisfies Fine Arts Graduation Requirement.**

Prerequisite: 9,10, 11, 12

Materials: Instrument and accessories, Band shirt approximately \$20 to \$30.

Offered: 2021-2022 Credit 1

Jazz Band

Jazz Band is an auditioned performing group in which students will learn advanced musicianship in the context of rehearsals, and performances. It is a one-year course. Enrollment in Jazz Ensemble involves performance in multiple styles and performances at both festivals and local concerts in the Wichita-Metro Area Students will learn about improvisation, jazz theory jazz history and styles of jazz (including rock, funk, swing, bebop, Latin and ballads). Bass guitar, guitar and piano players may be enrolled only in Jazz Band with the permission of the band director. **Satisfies Fine Arts graduation requirement.**

Prerequisite: 9,10,11,12, for all guitar, bass guitar, and piano players audition required.

Materials: Instrument with accessories. Brass players may need to purchase straight and cup mutes.

MUSIC DEPARTMENT

Continued

Freshman P.E.

The purpose of the class is two-fold: first, to encourage healthy lifestyles and promote lifelong fitness through fitness training, competition, and games; and second, to develop well-rounded students that exhibit positive habits in the areas of leadership, communication, teamwork, and personal responsibility.

After completing the course, students will have background knowledge in the areas of nutrition and wellness, as well as healthy choices and relationships. Students will also be taught basic first-aid and life-saving skills, such as CPR, and the use of an AED.

Prerequisite: 9 required (if you aren't taking Intro to Sports Performance)
Offered: 2021-2022 Credit 1/2

PHYSICAL EDUCATION DEPT.

Intro to Sports Performance

This course is beneficial to all students, but is designed with our Thunderbird student-athletes in mind. The purpose of the class is two-fold; first, to encourage healthy lifestyles and promote lifelong fitness, and second, **to develop well-rounded student-athletes and improve overall athletic performance.**

After completing the course, students-athletes will have been trained in a variety of modes that emphasize strength and speed development, flexibility and mobility, core strength, and agility; in addition students will focus on the areas of leadership/communication, nutrition and wellness, healthy choices and relationships. Students will also be taught basic first-aid and life-saving skills, such as CPR, and the use of an AED.

Requirements: Physical / Medical Clearance on file in CHS Office from Medical Professional after May 1 of previous year.

Prerequisite: 9 required (if you aren't taking Freshman P.E.)
Offered: 2021-2022 Credit 1/2

Health

The purpose of the class is two-fold; first, to encourage healthy lifestyles and promote lifelong fitness; and second, to develop well-rounded students that exhibit positive habits in the areas of leadership, communication, teamwork, and personal responsibility.

After completing the course, students will have background knowledge in the areas of leadership/communication, nutrition and wellness, as well as healthy choices and relationships. Students will also be taught basic first-aid and life-saving skills, such as CPR, and the use of an AED; as well as practice introductory/basic skills of self-defense.

Prerequisite: 9 required (for ALL freshman students)
Offered: 2021-2022 Credit 1/2

Students at CHS are required to earn one unit of credit in physical education and health while in the 9th grade. They may choose between Freshman P.E. or Intro to Sports Performance. Read both course descriptions (below) carefully before making this choice.

Advanced Team Sports

This class will focus on the maintenance and enrichment of many of the basic skills introduced in Health & Fitness, as well as introduce several new skills. Activities will include soccer, softball/wiffleball, flag/ touch football, volleyball, floor hockey, basketball, and other team sports. All students will be required to take a battery of physical fitness tests at the beginning of the semester. This class can only be taken once a year.

Prerequisite: 10,11,12, with passing grade in Freshman P.E. or Intro to Sports Performance
Offered: 2021-2022 Credit 1/2

Lifetime Fitness

Lifetime Fitness is a class designed on the High Intensity Interval Training (HIIT) model. This class will focus on cardiovascular aerobic training in a variety of formats that will include treadmills, exercise bikes, and elliptical machine. Step aerobics, kickboxing, and a variety of methods used to promote cardiovascular fitness will also be incorporated. This class follows a very "boot-camp" based exercise routine. This class can only be taken once a year.

Prerequisite: 10,11,12, with passing grade in Freshman P.E. or Introduction to Sports Performance
Offered: 2021-2022 Credit 1/2

PHYSICAL EDUCATION DEPT.

Continued

Sports Performance

Sports Performance is a higher level strength and conditioning class. Students will start by reviewing basic multi-joint movement patterns & quickly progress. Various types of warm ups & cool downs will be learned to increase students' knowledge on how to best prepare their body for activity. Students will then further their understanding of resistance, plyometric, linear and lateral speed training exercises through motor learning with a major emphasis on using proper technique. Lastly, the students will be introduced to basic sports nutrition information and strategies and how it can enhance their overall health and performance.

Requirements: Physical / Medical Clearance on file in CHS Office from Medical Professional after May 1 of previous year.

Prerequisite: 10,11,12, with passing grade in Freshman P.E. or Introduction to Sports Performance.

Continued Enrollment: Must earn a "B" or higher in previous semester of Sports Performance.

Offered: 2021-2022 Credit ½

Zero Hour Advanced Sports Performance

Advanced Sports Performance is a higher level strength and conditioning class that will be held before school from 6:35AM to 7:35AM. Students will start by reviewing basic multi-joint movement patterns & quickly progress. Various types of warm-ups and cool-downs will be learned to increase students' knowledge on how to best prepare their body for activity. Students will then further their understanding of resistance, plyometric, linear and lateral speed training exercises through motor learning with a major emphasis on using proper technique.

Lastly, students will be introduced to basic sports nutrition information and strategies and how it can enhance their overall health and performance.

Prerequisite: 9,10,11,12 (10,11,12 for Fall Semester and 9,10,11,12 for Spring Semester) All students must be approved by Coach Clothier. Must have own means of transportation.

Requirements: Physical / Medical Clearance on file in CHS Office from Medical Professional after May 1 of previous year.

Offered: 2021-2022 Credit ½

SCIENCE DEPARTMENT

Physical Science

This science course is designed to familiarize students with physical science and other related science areas. This is a full year course that will focus on topics such as atomic structure, chemical bonding, Newton's Laws of Motion, types of energy, ecosystems, plate tectonics, parts of our solar system, and layers of the atmosphere. Laboratory activities will be included throughout both semesters. **Satisfies science graduation requirements.** *Physical Science credit.*

Prerequisite: 9

Offered: 2021-2022 Credit 1

Chemistry I

This course is for college bound students to study the basic principles of chemistry. Laboratory experiments and problem solving are stressed. This course emphasizes the study of atomic structure, quantum mechanics, nomenclature, chemical formulas, chemical equations, solutions, the periodic table, and chemical and physical properties of some elements and compounds. **Satisfies science graduation and Regents Qualified Admissions requirements.** *Physical Science credit.*

CTE Pathway: Health Science

Prerequisite: 9, with teacher approval, 10,11,12

Materials: Scientific calculator required

Offered: 2021-2022 Credit 1

Biology I

This course covers the major unifying themes of biology. The structure and function of the cell is covered in detail including the biochemistry of cell processes. Other concepts covered include sexual and asexual reproduction at the cellular and organismal level, the basic laws of inheritance and genetics, and advanced genetic principles and human genetic disorders. This course also explores the concepts of natural selection, biodiversity, and ecosystems. **Satisfies science graduation and Qualified Admissions requirements.** *Life Science credit.*

CTE Pathway: Health Science

Prerequisite: 10 required

Offered: 2021-2022 Credit 1

SCIENCE DEPARTMENT continued

Biology II

This course is an extension of the concepts and processes learned in Biology I. The emphasis will be placed on animal and plant life. The structure and function from single-celled to multi-cellular organisms will be taught.

Satisfies science graduation and Qualified Admissions requirements. *Life Science credit.*

Prerequisite: 11,12, with passing grade in Biology I
Offered: 2021-2022 Credit 1

Human Anatomy and Physiology: The Human Organism

This challenging course focuses on the physiology and anatomy of humans. Any student with a strong interest in science and/or health-related professions should consider this course. Systems of the body will be explored using a project or topic-based approach. We will learn about physiology (and the underlying anatomy) via lectures, discussions, presentations, demonstrations, and labs.

Satisfies science graduation and Qualified Admissions requirements. *Life Science credit.*

CTE Pathway: Health Science

Prerequisite: 11,12 with a "C" or above in Biology I and Chemistry I

Offered: 2021-2022 Credit 1

Chemistry II

This course is an extension of the principles and concepts learned in Chemistry I. Advanced laboratory skills and problem solving are stressed. This course emphasizes the kinetic theory, the study of the four states of matter and their characteristics, energy changes, chemical reactions, solutions, nuclear chemistry, and organic chemistry. **Satisfies science graduation requirement.** *Physical Science credit.*

Prerequisite: 10,11,12, with passing grade in Chemistry I
Materials: Scientific calculator required
Offered: 2021-2022 Credit 1

AP Chemistry

AP Chemistry is an advanced science course (Advanced Placement), designed to cover major topics in chemistry and allow students who complete the course an opportunity to earn college credits upon successful completion of the AP exam at the end of the course. Advanced laboratory skills and problem solving will be stressed within the course. Students will learn basic chemistry topics of nomenclature, stoichiometry, bonding, and others.

During the second semester, the focus of the course will turn to thermochemistry, equilibrium, chemical kinetics, and other advanced topics. **Satisfies science graduation requirement.** *Physical Science credit.*

Prerequisite: 10,11,12, with grade of A or B in Chemistry I and Biology I

Offered: 2021-2022 Credit 1

Exam fee: \$91, reimbursed if student earns a score of "3" or higher

Physics

This is an advanced science class which examines the basic physics concepts which form a foundation for most careers in engineering, technology, and science. Advanced laboratory skills and problem solving are stressed. Students will engage in systematic investigations that will help them understand the universe around them. Students will carry out investigations and collect data with an emphasis being placed upon the study of motion, forces, vectors, energy, momentum, thermodynamics, optics, and simple machines. **Satisfies science graduation and Regents Qualified Admissions requirements.** *Physical Science credit.*

Prerequisite: 11,12, with passing grade in Chemistry I and Algebra II

Materials: Scientific calculator required

Offered: 2021-2022 Credit 1

BCC Certified Nurse Aide

This course will enable the student to learn basic nursing skills and concepts of aging through classroom and clinical experience. The student will follow the guidelines of the Kansas Department of Health and Environment (KDHE), in order to prepare to take the Kansas Certified Nurse Aide examination and work in Kansas Nursing Homes.

CTE Pathway: Health Science

Prerequisite: 10,11, 12, with qualifying scores required in ACT, ASSET or COMPASS

Course Fee: BCC tuition and fees

Offered: 2021-2022 Credit 1

SOCIAL STUDIES DEPARTMENT

World Geography

Geography is the study of where people, places, and things are located and students will learn how these things impact the world and events in everyday life. Students will be studying within the units of world geography the physical, cultural, economic, human impact, social impact, political or government systems, urban vs. rural etc. with map recognition, case studies, and current events. The main goal and objective of the class is for each student to begin to understand the world in which he/she lives, comprehend the ways in which the world's features determine each region's role, and to appreciate the complex dichotomy between places, environments, peoples & their cultures in a worldly perspective. **Satisfies social studies graduation and Regents Qualified Admissions requirements.**

Prerequisite: 9, required

Offered: 2020-2021 Credit 1/2

World History

This course covers the time period from early world history to the Cold War. All areas of the world are included in this study. First semester topics include an introduction to world cultures and religions, the ancient civilizations, the Renaissance and Reformation, the exploration and conquest of Asia and the Americas, the absolute monarchs of Europe, and the American and French Revolutions. Second semester topics include: the Industrial Revolution, Imperialism, World War I, the Russian Revolution, India's independence movement, World War I, and an overview of the Cold War. This course will involve classroom discussion, multimedia presentations, group and individual activities. **Satisfies social studies graduation and Regents Qualified Admissions requirements.**

Prerequisite: 10, required

Offered: 2020-2021 Credit 1

American History

This course begins with a review of early American history and continues to present day. First semester topics include the foundations of our country and government, Civil War Reconstruction, and the late 1800s-early 1900s. Second semester topics include a review of WWI, the Roaring Twenties, the Great Depression, a review of WWII, an emphasis on the Cold War era, and the Civil Rights Movement. This course will involve classroom discussion, multimedia presentations, and group and individual activities. **Satisfies social studies graduation and Regents Qualified Admission requirements.**

Prerequisite: 10, required

Offered: 2020-2021 Credit 1

Prerequisite: 11, required

Offered: 2020-2021 Credit 1

Honors American History

Honors American History includes a review of early American history and continues to present day. First semester topics include the foundations of our country and government, Civil War Reconstruction, and the late 1800s-early 1900s. Second semester topics include a review of WWI, the Roaring Twenties, the Great Depression, a review of WWII, an emphasis on the Cold War era, and the Civil Rights Movement. The pace of this course will progress more quickly and in more depth than a regular American History course, and include more extensive work in reading and writing. Students must earn a "C" in Honors American History during first semester in order to continue in the class second semester. **Satisfies Social Studies graduation requirements and Regents Qualified Admission requirements.**

Prerequisite: 11, "A" or "B" in World History, teacher recommendation

Offered 2020-2021 Credit 1

Prerequisite: 11, A or B in World History, teacher recommendation

Offered 2020-2021 Credit 1

American Government

American Government is a detailed look at the inner workings of our governmental system. We will compare democracy to other types of governments from around the world, review the foundations of our governmental system, take an in-depth look at the construction of the constitution, and the branches of government, interaction between federal, state and local levels of governments, political parties, voting, the electoral process and how the media and interest groups influence our government. Current government issues will also be discussed as they arise during the course of the semester. **Satisfies social studies graduation and Regents Qualified Admissions requirements.**

Prerequisite: 12, required

Offered: 2020-2021 Credit 1/2

Honors Government

Honors Government is a detailed look at the inner workings of our governmental system. We will compare democracy to other types of government from around the world, review the foundations of our government and take an in-depth look at the construction of the constitution, the branches of government, federalism, political parties, voting, the electoral process, and how the media and interest groups influence our government. Current governmental issues will also be discussed as they arise during the course of the semester. The pace of this course will progress more quickly and in more depth than a regular Government course, and include more extensive work in reading and writing. **Satisfies Social Studies graduation requirements and Regents Qualified Admission requirements.**

Prerequisite: 12, "A" or "B" in American History both semesters, teacher recommendation

Offered 2020-2021 Credit 1/2

SOCIAL STUDIES DEPARTMENT

Continued

Honors American Government

Honors American Government is a detailed look at the inner workings of our governmental system. We will compare democracy to other types of government from around the world, review the foundations of our government and take an in-depth look at the construction of the constitution, the branches of government, federalism, political parties, voting, the electoral process, and how the media and interest groups influence our government. Current governmental issues will also be discussed as they arise during the course of the semester. The pace of this course will progress more quickly and in more depth than a regular Government course, and include more extensive work in reading and writing.

Satisfies Social Studies graduation requirements and Regents Qualified Admission requirements.

Prerequisite: 12, "A" or "B" in American History both semesters, teacher recommendation
Offered 2020-2021
Credit 1/2

Intro to Psychology

This semester course is designed to introduce students to the biological and theoretical foundations of psychology. The course will encourage students to develop analytical skills, conduct research, investigate the mind-body connection, analyze concepts of consciousness, evaluate theories of personality, develop an understanding of psychological disorders, evaluate the role and effectiveness of treatments and analyze theories of intelligence. Students will be expected to demonstrate their understanding of psychology through various projects, discussions, tests, and assignments. This class should be considered a class which will better prepare you for college psychology, should you decide to take it.

Prerequisite: 9,10,11,12
Offered: 2021-2022 Credit ½

American History 3/Current Events

This course begins with the Cold War and continues to present day. Topics will include the Cold War, Korean Conflict, rise of communism, U-2 spy plane, the Vietnam War, the Cuban Missile Crisis, the Kennedy assassination, civil rights, the space race, impeachments, and current topics of today. This course will involve classroom discussions, multimedia presentations, Hollywood films, group and individual activities.

Prerequisite: 12
Offered: 2021-2022 Credit ½

Civil Rights Movement

This course will focus on the historical background, goals, strategies, and major events and participants of the Civil Rights Movement.

It will also make connections to the structure of racial inequality, the relationship with other movements among marginalized groups, and the legacy of modern day race relations. Students will explore these issues through readings in primary and secondary sources, viewing films and film clips, participating in class discussion, and completing several short writing assignments.

Prerequisite: 11,12
Offered: 2021-2022 Credit ½

BCC American Federal Government

This course will enable the student to apply knowledge of American politics to individual life and the political system that affects citizens. The student will study federalism, including the Constitution, civil liberties, political socialization, the media, political parties, the branches of government and foreign policy. The student will recognize the concerns of diverse populations, relationships between the federal government and current events and how they impact his/her life.

Prerequisite: 12
Course Fee: BCC tuition and fees
Offered: 2021-2022 Credit ½

BCC General Psychology

This Butler Community College Dual Credit course will enable the student to apply the knowledge they gain about topics including the biological basis of behavior, sensation, learning, cognition, intelligence, motivation, development, personality psychological disorders, and social psychology to their lives. The student will be able to use knowledge of the discipline and the critical thinking skills gained from this course to enhance the quality of life as the student interacts with others.

Prerequisite: 10,11,12, with qualifying scores *required in ACT, ASSET or COMPASS.*
Course Fee: BCC tuition and fees
Offered: 2021-2022 Credit ½

BCC Sociology

This Butler Community College Dual Credit course will enable the student to understand the development, structure, and functioning of human groups and how these groups shape development and way of life. Students will be able to apply the knowledge they gain about topics that include culture, socialization, collective behavior, and institutions overview of the Cold War. This course will involve classroom discussion, multimedia presentations, group and, stratification, inequalities of gender and age, deviance, and social change.

Prerequisite: 10,11,12, with qualifying scores *required in ACT, ASSET or COMPASS.*
Course Fee: BCC tuition and fees
Offered: 2021-2022 Credit ½

WORLD LANGUAGE DEPARTMENT

French I

French I students will learn basic communication skills, including speaking, listening, reading, and writing. Students will explore the Francophone (French-speaking) world and its customs. Listening skills are a must for student success. Students will be expected to study outside of class in order to develop a strong foundation of French. Strong memorization and imaginative skills are required. Students will learn through lecture, films, games, puzzles, hands-on activities, group activities, dialogue, and presentations. An emphasis will be placed on speaking French in the classroom and students will be encouraged to speak French outside the classroom when given the opportunity. Homework will be assigned regularly and both oral and written tests will be used to evaluate the students' progress.

Prerequisite: 9, 10, 11, 12

Offered: 2021-2022 Credit 1

French II

This course is a continuation of French I and will begin with a review of skills acquired in French I. Students will continue to refine their French skill as well as learn new skills. Students will continue to learn about Francophone (French-speaking) areas around the world. The past and near future tenses will be covered in this class. Students will be expected to study outside of class due to the large amount of new material learned. Participation in class is necessary for a passing grade. Students can expect regular home work assignments as well as oral and written evaluations.

Prerequisite: 10, 11, 12, with passing grade in French I

Offered: 2021-2022 Credit 1

French III

French III students will do more activities in the target language. The teacher will speak primarily in French and students will be expected to do the same. Students will receive homework assignments regularly and use in-class activities to practice the French language. Students will be encouraged to use French outside the classroom by completing research tasks and reading short stories. There will be more culture activities, short stories discussed in French and productions of skits and videos in French. Speaking and building complex phrases will be the focus. Written and spoken forms of evaluation will be used in this course. By the end of French III, students will have had all necessary basics of the French language.

Prerequisite: 11,12 passing grade in French II

Offered:2021-2022 Credit 1

Spanish I

Spanish I students will learn basic communication skills, including speaking, listening, reading, and writing. Cultural insights into the Hispanic world will be explored. Listening skills are a must for student success. Strong memorization and imaginative skills are required. Students will learn through lecture, films, games, puzzles, hands-on activities, group activities, dialogue, and presentations. An emphasis will be placed on speaking Spanish in the classroom and students will be encouraged to speak Spanish outside the classroom when given the opportunity. Homework will be assigned regularly and both oral and written tests will be used to evaluate students' progress.

Prerequisite: 9, 10, 11, 12

Offered: 2021-2022 Credit 1

Spanish II

This course is a continuation of Spanish I and will begin with a review of skills acquired in that course. Students will continue to widen, refine and learn new skills concerning the Spanish language. Students will continue to learn and understand more about the various Hispanic cultures. Listening is still a must and students will continue to learn through similar methods and activities used in Spanish I. Students will be expected to continue to speak Spanish at every opportunity. Students can expect regular homework assignments and both oral and written evaluations.

Prerequisite: 10,11,12 with passing grade in Spanish I

Offered: 2021-2022 Credit 1

Spanish III

This course will continue with the study of the Spanish language, culture, and history. Expressing yourself in Spanish is a must, either written or spoken. A variety of activities will be used including short stories and magazine articles that students read to deepen and apply their knowledge of Spanish. Students will have written, spoken, and online quiz evaluations. This course is for the serious and highly motivated student, and for the student who plans to continue studying Spanish after high school.

Prerequisite: 10,11,12 with passing grade in Spanish II

Offered: 2021-2022 Credit 1

WORLD LANGUAGE DEPARTMENT

Spanish IV

This course will continue with the study of Spanish language, culture, and history through a combination of conversational study and presentation, further study of grammar and composition, short stories, and poetry. A variety of activities will be used and students can expect regular homework and both oral and written evaluations. Speaking Spanish will be a requirement in the class. This will be reflected in the daily grade. Students will also have the opportunity to work with elementary children. This course is for the serious and highly motivated student, and for the student who plans to study Spanish after high school.

Prerequisite: 10, 11, 12

Offered: 2021-2022 Credit 1

BCC Spanish IV (Dual Credit)

This course will continue with the study of Spanish language, culture, and history through a combination of conversational study and presentation, further study of grammar and composition, short stories, and poetry. A variety of activities will be used and students can expect regular homework and both oral and written evaluations. Speaking Spanish will be a requirement in the class. This will be reflected in the daily grade. Students will also have the opportunity to work with elementary children. This course is for the serious and highly motivated student, and for the student who plans to study Spanish after high school.

Prerequisite: 10, 11, 12

Offered: 2021-2022 Credit 1

BCCC: FL108 Beginning Spanish 2

Prerequisite: Three years HS Spanish with passing grade; or completion of Spanish 3 with passing grade, HS GPA of 3.0 as a junior or senior; or ACT reading 15 or higher and ACT writing 18 or higher; or Accuplacer placement of 255 on both reading and writing,

Offered: 2021-2022

BCCCCredit: 5 hours, once student completes FL108, they are awarded retroactive credit for FL107 Beginning Spanish 1 as well as their credit for FL108 for a total of **10 credit hours**

SEMINAR

Seminar

Seminar provides time for the students to study, read, Make up tests, and get tutoring from teachers or peers. Seminar is held Monday-Friday. Students will receive daily productivity points based on the following five (5) point system:

2 points for bringing materials to class

2 points for staying on task

1 point for being on time

0 points indicates none of the criteria have been met

Prerequisite: 9, 10, 11, 12, required

SPECIAL EDUCATION DEPARTMENT

Vocational Work Release

This class gets students into the workforce. Students will apply skills to find and maintain a job. Students will be evaluated by their employer and will receive a pass/fail grade upon documentation of a set amount of hours per credit (70 hours of work equals one-half credit). Enrollment in the class will be reviewed each semester.

Prerequisite: 10, 11,12, by placement only

Offered: 2021-2022 Credit 1

Learning Lab Resource

This class is designed to meet the needs of students with disabilities as defined on their individualized educational plans. Classroom assignments will be given as necessary. Students will also explore careers and educational opportunities which meet their individual interests and abilities.

Prerequisite: 10, 11,12, by placement only

Offered: 2021-2022 Credit 1

INDIVIDUAL LEARNING PLAN

At least 1 credit of Fine Arts must be earned during high schools. Choose from Music, Art, Drama, Photography, or Forensics.

Freshman Year	
English I	1
Math	1
Science	1
World Geography	1/2
Freshman P.E./Intro to Sports Perf.	1/2
Health	1/2
Business Communications	1/2

Sophomore Year	
English II	1
Math	1
Science	1
World History	1

Junior Year	
English III	1
Math	1
Science	1
American History	1

Senior Year	
English Elective*	1
American Government	1/2

* 1 English Elective credit can be earned before senior year.