

USD 309 NICKERSON - SOUTH HUTCHINSON



2024-2025

**NICKERSON HIGH SCHOOL
COURSE DESCRIPTION HANDBOOK**

Updated April 2024

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NHS GRADUATION REQUIREMENTS 2024-25

To be eligible to graduate from Nickerson High School, a student must satisfactorily complete the listed total units of credit below. Included in this total are various department requirements. 2021-22 is the first year of the 7-period day replacing the block schedule used in previous years.

Total credits needed for graduation: 26

English – 4 credits Science – 3 credits

*English 9 – 1 cr. Biology 1A and Biology 1B – 1 cr. (Sophomore Year)

*English 10 – 1 cr. Physical Science 1A and Physical Science 1B – 1 cr. (Freshman Year)

*English 11 – 1 cr. Chemistry A and Chemistry B – 1 cr.

*English 12 – 1 cr. AP Chemistry A and B – 1 cr.

*Speech – ½ cr. Anatomy & Physiology A and B – 1 cr.

Physics A and Physics B – 1 cr.

Fine Arts – 1 credit Astronomy – ½ cr.

Geology – ½ cr.

Meteorology – ½ cr.

Physical Education – 1 credit Math – 3 Credits

*Health – ½ cr. (Sophomore Year) *Algebra 1A and 1B

Lifetime Sports – ½ cr.) *Algebra 2A and 2B

Weightlifting – ½ cr. *Geometry A and B – 1 cr.

Fitness and Conditioning – ½ cr. *Algebra 2A and 2B – 1 cr.

**Algebra 3 – ½ cr.

**Trigonometry – ½ cr.

**AP Statistics A and B – 1 cr.

AP Calculus A and B – 1 cr.

HCC College Algebra

Social Studies – 3 credits Personal Finance – ½ credit (Starts with class of 2025)

*World Geography (Freshman Year) – ½ cr. Personal Finance A or B

*World History (Soph. Year) – ½ cr. Consumer Economics and Personal Finance

*U.S. History A and B (Junior Year) – 1 cr.

*American Government (Senior Year) – ½ cr.

*Social Science Elective – ½ cr. (Jr./Sr. Year)

(* Required courses

(**) Required Course if Geometry is your first high school class or if Algebra 1 was taken at RVMS

Fine Arts include: Art Exploration, Ceramics, Intro to Drawing, Painting, Graphic Design Fundamentals, Advanced Art, Band, Jazz Band, Chorale, Women's Choir, Madrigals, Forensics, Debate, Beginning Drama, Advanced Drama, 21st Century Journalism, and Digital Media Design.

Questions or Concerns

More detailed information concerning enrollment, procedures and class offerings may be gained by visiting Nickerson High School between 7:30 AM and 3:30 PM school days or by calling 620-422-3226 or 866-422-3226. You are urged to visit, or call should you encounter a problem or have a question.

NON-DISCRIMINATION POLICY

Non-Discrimination Policy: Nickerson High School does not discriminate on the basis of race, color, national origin, sex, disability, or age in its many programs and activities.

The administration of Nickerson High School reserves the right to override prerequisites or other course stipulations. Some examples include:

1. When addressing enrollment needs of transfer students
2. When classroom space does not allow us to add another student
3. When addressing graduation needs of new students
4. When illness or injury requires a change in a student's schedule
5. Whenever the greater good of the student will be met

APPROVED COURSES FOR TESTING OUT

In accordance with Nickerson High School's test-out policy, the following courses have been approved for testing out:

English Department

English 9A and 9B

English 10A and 10B

English 11A and 11B

English 12A and 12B

Math Department

Algebra 1A and 1B

Geometry A and B Health

Algebra 2A and 2B

Science Department

Biology 1A and 1B

Earth/Space Science A and B

Social Science Department

World Geography

World History

U.S. History A and B

American Government

Psychology

Physical Education Department

Health

Note: Requests for testing out of a class must be submitted by April 20 for first semester of the following year and by October 20 for second semester.

EARLY GRADUATION REQUEST

Beginning with the school year 2004-05, Nickerson High School began allowing early graduation.

The student must provide information to the following questions to assist the review team (superintendent, assistant superintendent, principal, vice-principal, and counselor) in making a decision about this request. For tracking purposes only, we are requesting the student to indicate why they are opting for early graduation. This tracking information in no way will affect the team's decision.

1. Student must be on track to graduate to be eligible for early graduation. Class of 2023 and later must have 26 credits to graduate and have met all departmental requirements.
2. Juniors shall submit an early graduation request to principal or counselor by May 15 of the year prior to graduation.
3. The student and parent/guardian must sign the early graduation request.
4. Student must pass all required classes by the end of the first semester or his/her senior year.
5. Student must have all fees paid (lunch, shop, library, enrollment) and returned all textbooks, computer, classroom or athletic equipment and library books.

In addition, all students opting for early graduation would be subject to the following conditions:

- Eligibility for all extracurricular activities would end when the student successfully completed all course work in December of their senior year. Graduates would **not** be allowed to participate in Kansas State High School Athletic Association (KSHSAA) events.
- Students graduating at semester will be allowed to attend Prom, participate in the graduation ceremonies and the scholarship and awards program in May. Participation in these events would be contingent on the student remaining in good standing with the school from the time of early graduation until the time of the event.

KANSAS REGENTS QUALIFIED ADMISSIONS CURRICULUM AND REGENTS' SCHOLARSHIP CURRICULUM

As of the Fall, 2001, **you must meet one** of the following requirements to qualify for admission to any of the six (Fort Hays State, Emporia State, Kansas State, Kansas, Wichita State, and Pittsburg State) Kansas Regents universities:
 * Achieve an ACT composite score of 21 or above; **or** * Rank in the top one-third of your high school's graduating class; **and**
 * Complete the Qualified Admissions curriculum with at least a 2.0 Grade Point Average (GPA) on a 4.0 scale.

One of the ways you can meet university admission requirements is to successfully complete the Qualified Admissions Curriculum as outlined by the Kansas Board of Regents. You must complete the courses with at least a 2.0 GPA on a 4.0 Scale. This is a C average.

Note: 1 unit = 1 year or 2 semesters

English	You must take at least one unit of English for each year of high school.
4 Units	Although you are encouraged to take courses in journalism, speech, drama/theatre, and/or debate in addition to the English requirement, these courses cannot fill any part of the English requirement.
Natural Science	You must take three units chosen from the following courses:
3 Units	* Biology 1A and 1B
	* Biology 2A and 2B
	* Earth/Space Science 1A and 1B
	* Chemistry A and B**
	* Physics A and B**
	** At least one unit must be in chemistry or physics
Math	Students must take one unit of:
3 Units	* Algebra 1A and 1B
	* Geometry A and B
	* Algebra 2A and 2B
	* If you completed any of the required math courses in middle school, it could count toward the Regents Scholars math requirement.
	* Completion of both Applied Math I and II can be substituted for Algebra I only.

Social Sciences	You must complete the following:	
3 Units		
	* One unit of U.S. History A and B	
	* One-half unit of U.S. Government	
	One-half unit selected from:	
	* World History	
	* World Geography	
	* International Relations	
	One unit selected from:	
	* Psychology	
	* Economics	* Current social Issues
	* Civics	* Sociology
	* History	* Geography
		* Anthropology
Units Required for Scholarship Consideration:		
English	No additional units required	
Natural Science	Must take Biology, Chemistry and Physics	
Math	Must take 1 additional unit of advanced math	
Social Science	No additional units required	
Computer Technology	No additional units required	
Foreign Language	2 units required. Must be in one foreign language.	



Qualified Admissions

High School Graduates Academic Year 2022-2023 and After

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

ACCREDITED HIGH SCHOOL

Freshman applicants, under the age of 21, who graduate from an accredited high school, will be guaranteed admission to six state universities by meeting the Qualified Admissions requirements designated by each university, as follows:

ESU, PSU, FHSU, & WSU:

- Cumulative High School GPA 2.25+ or ACT 21+ (SAT 1060)*

K-State:

- Cumulative High School GPA 3.25+ or ACT 21+ (SAT 1060)*

KU:






- Cumulative High School GPA 3.25+
OR Cumulative GPA 2.0+ and ACT 21+ (SAT 1060)*

ALL Institutions Require:

- Cumulative GPA 2.0+ for College Credits earned in High School

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

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

				
English 4 units	Math 4 units 1 unit of each: Algebra I, Geometry, Algebra II 1 unit: Advanced Math See KS Scholars page For Math course list	Social Science 3 units 1 unit U.S. History .5 unit U.S. Gov .5 unit World History 1 unit: Social Science course See KS Scholars Page for Social Science course list	Science 3 units 1 unit of each: Biology, Chemistry, & Physics	Foreign Language 2 units of the same language

KANSAS SCHOLARS Program: More information about the Kansas Scholars Scholarship & Curriculum can be found [here](#) (pdf).

HOMESCHOOL & UNACCREDITED HIGH SCHOOL

Freshman applicants, under the age of 21, who are homeschooled or graduate from an unaccredited high school will be guaranteed admission to the six state universities by achieving an ACT score equivalent to those outlined above, per each university. If you enroll in college courses while in high school, it is also required that you achieve a 2.0 GPA or higher in those courses.

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

This document provides a summary overview of admission requirements at state universities and is not a substitute for or to be used in lieu of the actual detailed admissions requirements, which can be found at: www.kansasregents.org/qualified_admissions_rules_regulations.

NCAA ACADEMIC STANDARDS FOR INITIAL-ELIGIBILITY ACADEMIC STANDARDS

The NCAA Eligibility Center verifies the academic and amateur status of all student-athletes who wish to compete in Division I or II athletics.

College-bound student-athletes who want to practice, compete, and receive athletically related financial aid during their first year at a Division I or II school need to meet the following requirements:

- Graduate from high school.
- Complete a minimum of 16 core courses for Division I or II.
- Earn the minimum required grade-point average in core courses.
- Earn a qualifying test score on either the ACT or SAT.
- Request final amateurism certification from the NCAA Eligibility Center.

For Division I student-athletes, the following must be completed in addition to the above standards:

- Earn at least a 2.3 grade-point average in core courses.
- Meet an increased sliding-scale standard (for example, an SAT score of 820 requires a 2.5 high school core course GPA)
- Successfully complete 10 of the 16 total required core courses before the start of their seventh semester in high school. Seven of the 10 courses must be successfully completed in English, math and science.

Students who earn at least a 2.0 GPA and meet the current sliding-scale standard will be eligible for practice in the first term and athletically related financial aid the entire year, but not competition. Freshmen who are academically successful in the first term will earn the ability to continue to practice for the remainder of the year.

Division III colleges and universities set their own admission standards. The NCAA does not set initial-eligibility requirements in Division III.

For more detail about academic requirements visit the [Eligibility Center](#).

For more details about the Eligibility Center's response to COVID-19, [click here](#).

<https://www.ncaa.org/sports/2013/11/25/academic-standards-for-initial-eligibility.aspx>

CAREER CLUSTERS/PATHWAYS

Career Clusters/Pathways

Beginning in school year 2011-12, we began offering career pathways to prepare students with the knowledge and skills necessary for continued education and, ultimately, a successful career. There are 16 career clusters, and each cluster has career pathways built into it. We offer pathways in the Architecture and Construction, Manufacturing, Human Services, Hospitality and Tourism, and Arts, Audio/Video Technology and Communications clusters. Each pathway is broken down into three levels: 1) Introductory level, 2) Technical level, and 3) Application-level classes. Completers of a pathway are called concentrators. For a student to be a concentrator, at least 2 of the 3 required secondary level credits taken must be a combination of technical and application-level courses. Here is an example of one of our new clusters and the pathway within the cluster:

Construction and Design Pathway Design Strand

Introductory Level

Introduction to Industrial Technology

½ credit Practical Arts Woods ½ credit

Technical Level

Drafting CAD A ½ credit

Drafting CAD B ½ credit

Application Level

Research and Design for Pre-Construction A ½ credit

Research and Design for Pre-Construction B ½ credit



APPROVED PATHWAY:

- Includes a minimum of three secondary-level credits.
- Includes a work-based element.
- Consist of a sequence:
 - Introductory-level course.
 - Technical-level course.
 - Application-level course.
- Supporting documentation includes:
 - Articulation Agreement(s).
 - Certification.
 - Program Improvement Plan.
 - Program of Study.
- Technical-level and Application-level courses receive .5 state weighted funding in an approved CTE pathway.

KANSAS CAREER PATHWAYS | KANSAS CAREER CLUSTER GUIDANCE HANDBOOK 2024-2025

ARCHITECTURE AND CONSTRUCTION CAREER CLUSTER DESIGN

Construction and Design Pathway

CIP CODE 46.0000

INTRODUCTORY LEVEL

Title	Code	Credit
Drafting	21102	0.5
Production Blueprint Reading	21108	0.5
➤ Introduction to Industrial Technology	38001	0.5

TECHNICAL LEVEL

DESIGN STRAND

Title	Code	Credit
◆ Interior Design I	19263	0.5
Architecture Design	21103	1
Drafting/CAD	21107	1
◆ Interior Design II	22212	0.5

CONSTRUCTION STRAND

Title	Code	Credit
Carpentry	17002	1
Woodworking Principles	17007	1
Skilled Mechanical Crafts	17062	0.5

APPLICATION LEVEL

DESIGN STRAND

Title	Code	Credit
Research and Design for Preconstruction	21109	1
Advanced Studies	38050	0.5
Workplace Experience in Architecture and Construction	38100	0.5
Comprehensive Workplace Experience in Architecture and Construction	38110	1
Interior Architectural Design	38212	0.5

CONSTRUCTION STRAND

Title	Code	Credit
# Sheet Metal Technology	13205	0.5
# Research and Design in Building Trades	17005	1
# Remodel and Building Maintenance	17009	0.5
# HVAC Technology	17056	0.5
# Plumbing Technology	17058	0.5
# Pipefitting Technology	17061	1
# Electrical and Security Systems	17113	0.5
# Carpentry II	38002	1
# Furniture and Cabinetry Fabrication	38007	1
# ➤ Advanced Materials Technology	38010	1
Workplace Experience in Architecture and Construction	38100	0.5
Comprehensive Workplace Experience in Architecture and Construction	38110	1

- Required course for construction strand.
- ◆ Requires FACS Licensure.
- # Has prerequisite(s). Courses comprising a sequence are numbered consecutively. See Competency Profile for details.
- Advanced Materials Technology (38010) has prerequisite courses: Woodworking Principles (17007) **AND** Furniture and Cabinetry (38007).



APPROVED PATHWAY:

1. Includes a minimum of three secondary-level credits.
2. Includes a work-based element.
3. Consist of a sequence:
 - Introductory-level course.
 - Technical-level course.
 - Application-level course.
4. Supporting documentation includes:
 - Articulation Agreement(s).
 - Certification.
 - Program Improvement Plan.
 - Program of Study.
5. Technical-level and Application-level courses receive .5 state weighted funding in an approved CTE pathway.

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ARTS, A/V AND COMMUNICATION CAREER CLUSTER PATHWAY

Digital Media Pathway

CIP CODE 09.0702

INTRODUCTORY LEVEL

Title	Code	Credit
Computer Applications	10004/60004	1
Business Essentials	12050	0.5

TECHNICAL LEVEL

Title	Code	Credit
Graphic Design	05162/11154	1
Sports and Entertainment Marketing	12163	0.5
* 21 st Century Journalism	30100	0.5
Graphic Design Fundamentals	30102	0.5
Audio/Video Production Fund	30103	0.5
Digital Media Technology	30104	0.5
Photo Imaging	30105	0.5
Digital Marketing	35162	0.5
Media and Public Relations	43115	0.5

APPLICATION LEVEL

Title	Code	Credit
Video Production	30150	1
Digital Media Design and Production	30151	1
Digital Media Project Management	31091	1

* Required course for pathway approval.



APPROVED PATHWAY:

1. Includes a minimum of three secondary-level credits.
2. Includes a work-based element.
3. Consist of a sequence:
 - Introductory-level course.
 - Technical-level course.
 - Application-level course.
4. Supporting documentation includes:
 - Articulation Agreement(s).
 - Certification.
 - Program Improvement Plan.
 - Program of Study.
5. Technical-level and Application-level courses receive .5 state weighted funding in an approved CTE pathway.

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HUMAN SERVICES CAREER CLUSTER DESIGN

Early Childhood Development and Service Pathway

CIP CODE 19.0709

INTRODUCTORY LEVEL

Title	Code	Credit
Introduction to Family and Consumer Sciences	19251	1
Career and Life Planning	19258	0.5

TECHNICAL LEVEL

Select a strand at the division.

Title	Code	Credit
Leadership Service in Action	19257	0.5

Must teach **ALL** courses in the strand of your choice.

STRAND 1

Title	Code	Credit
* Orientation to Early Childhood Development	19051	1
* Foundations to Early Childhood Development	19052	1

STRAND 2

Title	Code	Credit
* Foundations to Early Childhood Development	19052	1
* Family Studies	19255	0.5
* Human Growth and Development - Early Years	45004	0.5

APPLICATION LEVEL

Title	Code	Credit
Early Childhood Applications	19098	1
# Community Connections	19297	0.5
# Career Connections	19298	0.5

- * Required course for pathway approval.
- # Has a prerequisite of **ONE** credit within Human Services Pathway courses.



APPROVED PATHWAY:

1. Includes a minimum of three secondary-level credits.
2. Includes a work-based element.
3. Consist of a sequence:
 - Introductory-level course.
 - Technical-level course.
 - Application-level course.
4. Supporting documentation includes:
 - Articulation Agreement(s).
 - Certification.
 - Program Improvement Plan.
 - Program of Study.
5. Technical-level and Application-level courses receive .5 state weighted funding in an approved CTE pathway.

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HUMAN SERVICES CAREER CLUSTER DESIGN

Family, Community and Consumer Services Pathway

CIP CODE 19.0799

INTRODUCTORY LEVEL

Title	Code	Credit
Introduction to Family and Consumer Sciences	19251	1
Career and Life Planning	19258	0.5

TECHNICAL LEVEL

Title	Code	Credit
Culinary Essentials	16052	0.5
Nutrition and Wellness	19253	0.5
* Family Studies	19255	0.5
Leadership Service in Action	19257	0.5
Relationships and Personal Development	19260	0.5
● Human Growth and Development - Early Years	45004	0.5
● Lifespan Development	45014	0.5

APPLICATION LEVEL

Title	Code	Credit
# Community Connections	19297	0.5
# Career Connections	19298	0.5

- * Required course for pathway approval.
- # Has a prerequisite of **ONE** credit within Human Services Pathway courses.
- Must choose at least **ONE** of these Technical Level courses for pathway approval.

The Consumer and Personal Finance course (22210) for .5 credit will not be available within Pathways due to the new Financial Literacy graduation requirement.



APPROVED PATHWAY:

1. Includes a minimum of three secondary-level credits.
2. Includes a work-based element.
3. Consist of a sequence:
 - Introductory-level course.
 - Technical-level course.
 - Application-level course.
4. Supporting documentation includes:
 - Articulation Agreement(s).
 - Certification.
 - Program Improvement Plan.
 - Program of Study.
5. Technical-level and Application-level courses receive .5 state weighted funding in an approved CTE pathway.

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HUMAN SERVICES CAREER CLUSTER DESIGN

Fashion, Apparel, Interior Design (FAID) Pathway

CIP CODE 19.0999

INTRODUCTORY LEVEL

Title	Code	Credit
Introduction to Family and Consumer Sciences	19251	1
Career and Life Planning	19258	0.5
Drafting	21102	0.5
Introduction to Drawing	30005	0.5

TECHNICAL LEVEL

Select a strand at the division.

Title	Code	Credit
* Essentials of FAID	30110	0.5
FAID Merchandising and Entrepreneurship	30112	0.5

FASHION AND APPAREL DESIGN (STRAND A)

Title	Code	Credit
* Apparel Production I	19201	0.5
# Apparel Production II	19203	0.5
* Fashion Trends	30111	0.5

INTERIOR DESIGN (STRAND B)

Title	Code	Credit
* Interior Design I	19263	0.5
# Interior Design II	22212	0.5
Architecture Design	21103	1

APPLICATION LEVEL

STRANDS A AND B

Title	Code	Credit
Career Connections	19298	0.5
FAID Studio	30160	1

* Required course for pathway approval per strand.

Only for Interior Design Strand.

Has prerequisite course(s): Courses comprising a sequence are numbered consecutively. See Competency Profile for details.



APPROVED PATHWAY:

1. Includes a minimum of three secondary-level credits.
2. Includes a work-based element.
3. Consist of a sequence:
 - Introductory-level course.
 - Technical-level course.
 - Application-level course.
4. Supporting documentation includes:
 - Articulation Agreement(s).
 - Certification.
 - Program Improvement Plan.
 - Program of Study.
5. Technical-level and Application-level courses receive .5 state weighted funding in an approved CTE pathway.


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ARTS, A/V AND COMMUNICATION CAREER CLUSTER PATHWAY

Graphic Design Pathway

CIP CODE 50.0499

INTRODUCTORY LEVEL

Title	Code	Credit
 Computer Applications	10004/60004	1
Introduction to Drawing and Design	30006	0.5

TECHNICAL LEVEL

Title	Code	Credit
Graphic Design	05162/11154	1
Computer Graphics	10202	1
Principles of Illustration	30101	0.5
* Graphic Design Fundamentals	30102	0.5
Photo Imaging	30105	0.5

APPLICATION LEVEL

Title	Code	Credit
Media Technology - Workplace Experience	10248	1
Graphic Design Project Management	31090	1

 Business Essentials 12050 may be integrated with Computer Applications 10004.

* Required course for pathway approval.



APPROVED PATHWAY:

- Includes a minimum of three secondary-level credits.
- Includes a work-based element.
- Consist of a sequence:
 - Introductory-level course.
 - Technical-level course.
 - Application-level course.
- Supporting documentation includes:
 - Articulation Agreement(s).
 - Certification.
 - Program Improvement Plan.
 - Program of Study.
- Technical-level and Application-level courses receive .5 state weighted funding in an approved CTE pathway.

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HEALTH AND BIO SCIENCES CAREER CLUSTER DESIGN

Health Science Pathway

CIP CODE 51.9999

INTRODUCTORY LEVEL

Title	Code	Credit
* Introduction to Health Care	14000	0.5
Biology	03051	1
Chemistry	03101	1

TECHNICAL LEVEL

Title	Code	Credit
Nutrition and Wellness	19253	0.5
* Anatomy and Physiology	03053	1
📄 EMS First Responder	44050	0.5
Medical Terminology	14154	0.5
Health Information (HIT)	14157	1
AP Biology	03056	1
Health Care Research and Clinical Skills A	14254	0.5
Health Care Research and Clinical Skills B	36254	1

GENERAL HEALTH STRAND (PA, MED)

Title	Code	Credit
Fundamentals of Emergency Services	14055	0.5
Medical Interventions	14105	1

SPORTS MED/REHABILITATION STRAND (ATC, PT, OT)

Title	Code	Credit
📄 Physical Therapy	14060	1
📄 Care of Athletes	14062	0.5
📄 Sports Medicine I	14072	1

ALLIED HEALTH STRAND (Nursing, X-Ray, EMT, Lab Sciences)

Title	Code	Credit
Medical Imaging	14103	0.5
📄 Pharmacology	14253	1
📄 Emergency Medical Tech (EMT)	44060	1

APPLICATION LEVEL

Title	Code	Credit
📄 Certified Medication Aide	36156	0.5
📄 Certified Nursing Assistant	14997	0.5/1
Health Care Work Experience	36992	1
Health Care Work Experience	36993	2

GENERAL HEALTH STRAND (PA, MED)

Title	Code	Credit
📄 Phlebotomy Technician	14104	0.5

SPORTS MED/REHABILITATION STRAND (ATC, PT, OT)

Title	Code	Credit
📄 Sports Medicine II	14073	1

ALLIED HEALTH STRAND (Nursing, X-Ray, EMT, Lab Sciences)

Title	Code	Credit
📄 Phlebotomy Technician	14104	0.5
📄 Home Health Aide	36053	0.5
📄 Dental Assistant	36054	1
📄 Pharmacy Technician	36157	1
📄 # Emergency Medical Tech II (EMT II)	44065	1

* Required course for pathway approval.

Has a prerequisite Emergency Medical Tech (44060).

📄 Courses may require specialized teacher certification and/or offer professional certification.



MANUFACTURING CAREER CLUSTER DESIGN

Manufacturing Pathway

CIP CODE 48.0000

APPROVED PATHWAY:

- Includes a minimum of three secondary-level credits.
- Includes a work-based element.
- Consist of a sequence:
 - Introductory-level course.
 - Technical-level course.
 - Application-level course.
- Supporting documentation includes:
 - Articulation Agreement(s).
 - Certification.
 - Program Improvement Plan.
 - Program of Study.
- Technical-level and Application-level courses receive .5 state weighted funding in an approved CTE pathway.

INTRODUCTORY LEVEL

Title	Code	Credit
Introduction to Welding	13207	0.5
Production Blueprint Reading	21108	0.5
Introduction to Industrial Technology	38001	0.5

TECHNICAL LEVEL

Title	Code	Credit
Agricultural Welding	18404	1
Robotics	21009	1
Welding Processes I	39207	1
Hand and Power Tools	40400	0.5

APPLICATION LEVEL

Title	Code	Credit
Welding Processes II	39208	1
Agricultural Welding II	18407	1
Work Experience in Manufacturing	13348	0.5
Work Experience in Manufacturing - Comprehensive	13998	1

PRODUCTION STRAND

Title	Code	Credit
Production Methods I	13052	1
Machine Tool Technology	13203	1
Computer-Aided Machining (CAM) I	13204	1
Drafting/CAD	21107	1
# Production Print Reading II	39108	0.5

PRODUCTION STRAND

Title	Code	Credit
# Advanced Drafting/CAD	21150	1
# Advanced Materials Technology	38010	1
# Automated Integrated Systems	39010	0.5
# Production Methods II	39052	1
# Computer-Aid Machining (CAM) II	39205	0.5

MAINTENANCE STRAND

Title	Code	Credit
Mechanical Power Transmission Systems	13302	0.5
Foundations of Electronics	21201	1

MAINTENANCE STRAND

Title	Code	Credit
Sheet Metal Technology	13205	0.5
Remodeling and Building Maintenance	17009	0.5
HVAC Technology	17056	0.5
Plumbing Technology	17058	0.5
Electrical and Security Systems	17113	0.5
Digital Electronics	21008	1
# Hydraulics and Pneumatics	39302	0.5

Production strand only.

Has prerequisite course(s): Courses comprising a sequence are numbered consecutively. See Competency Profile for details.

Must take at least **ONE** credit of Technical Level course and Application Level course combined.

May offer either Agricultural Welding I (18404) and Agricultural Welding II (18407) **OR** Welding Processes I (39207) and Welding Processes II (39208), but not both pairs of sequential courses.



APPROVED PATHWAY:

1. Includes a minimum of three secondary-level credits.
2. Includes a work-based element.
3. Consist of a sequence:
 - Introductory-level course.
 - Technical-level course.
 - Application-level course.
4. Supporting documentation includes:
 - Articulation Agreement(s).
 - Certification.
 - Program Improvement Plan.
 - Program of Study.
5. Technical-level and Application-level courses receive .5 state weighted funding in an approved CTE pathway.

KANSAS CAREER PATHWAYS | KANSAS CAREER CLUSTER GUIDANCE HANDBOOK 2024-2025

MARKETING CAREER CLUSTER DESIGN

Marketing Pathway

CIP CODE 52.1402

INTRODUCTORY LEVEL

Title	Code	Credit
*  Business Essentials	12050	0.5

TECHNICAL LEVEL

Title	Code	Credit
 Business Communications	12009	0.5
*  Principles of Marketing	12164	1

APPLICATION LEVEL




Title	Code	Credit
*  Marketing Applications	35300	1

OPTIONAL SUPPORTIVE COURSES

Title	Code	Credit
Graphic Design	05162/11154	1
Web Page Design	10201	1
Computer Graphics	10202	1
Business Management	12052	0.5
Entrepreneurship	12053	0.5
IB Business and Management	12059	1
Accounting	12104	1
Business Economics	12105	0.5
Sports/Entertainment Marketing	12163	0.5
Principles of Advertising	12165	0.5
Advanced Spreadsheet Applications	33110	0.5
Digital Marketing	35162	0.5

OPTIONAL SUPPORTIVE COURSES

Title	Code	Credit
Marketing Management	12166	1
Integrated Marketing Applications	12195	0.5
Marketing Research	12196	1
 Marketing - Workplace Experience	12198	0.5
 Marketing - Workplace Experience	12198	1
Advanced Marketing Workplace Experience	12199	1
Marketing Communications	35168	0.5

- * Required course(s) for pathway approval and used for assessing mastery of knowledge of marketing completers.
-  Course is not required for pathway approval, but strongly recommended by external review committee and Kansas Advisory Committee for Career and Technical Education (KACCTE).
-  School may include both in pathway. Student only takes **ONE** for completer status.
-  Marketing Completer Assessment aligns directly with MBA Research Two - Credit Standard Marketing Program of Study Exam.



APPROVED PATHWAY:

1. Includes a minimum of three secondary-level credits.
2. Includes a work-based element.
3. Consist of a sequence:
 - Introductory-level course.
 - Technical-level course.
 - Application-level course.
4. Supporting documentation includes:
 - Articulation Agreement(s).
 - Certification.
 - Program Improvement Plan.
 - Program of Study.
5. Technical-level and Application-level courses receive .5 state weighted funding in an approved CTE pathway.

KANSAS CAREER PATHWAYS | KANSAS CAREER CLUSTER GUIDANCE HANDBOOK 2023-2024

INFORMATION TECHNOLOGY CAREER CLUSTER DESIGN

Programming and Software Development Pathway

CIP CODE 11.0201

INTRODUCTORY LEVEL

Title	Code	Credit
Computing Systems	10002/60002	1
Computer Applications	10004/60004	1
Introduction to Computer Coding	31001	0.5
Introduction to Physical Computing	31002	0.5

TECHNICAL LEVEL

Title	Code	Credit
Technical Introduction to Computer Science	41010	1
Computer Programming	10152	1
Database Applications	10053	1
Web Page Design	10201	1
Data System/Processing	10054	1
Computer Programming Other Language	10156	1
AP Computer Science Principles	31094	1

APPLICATION LEVEL

Title	Code	Credit
CyberSecurity I	10020	1
# CyberSecurity II	10900	1
AP Computer Science A	10157	1
IB Computing	10159	1
Particular Topics in Computer Programming	10160	1
Work-based Learning in Programming and Software Development	10198	1

Has prerequisite course(s): Courses comprising a sequence are numbered consecutively. See Competency Profile for details.



APPROVED PATHWAY:

1. Includes a minimum of three secondary-level credits.
2. Includes a work-based element.
3. Consist of a sequence:
 - Introductory-level course.
 - Technical-level course.
 - Application-level course.
4. Supporting documentation includes:
 - Articulation Agreement(s).
 - Certification.
 - Program Improvement Plan.
 - Program of Study.
5. Technical-level and Application-level courses receive .5 state weighted funding in an approved CTE pathway.

KANSAS CAREER PATHWAYS | KANSAS CAREER CLUSTER GUIDANCE HANDBOOK 2023-2024
 EDUCATION AND TRAINING CAREER CLUSTER DESIGN

Teaching/Training Pathway

CIP CODE 13.0101

INTRODUCTORY LEVEL

Title	Code	Credit
Introduction to Family and Consumer Sciences	19251	1
Career and Life Planning	19258	0.5

TECHNICAL LEVEL

Title	Code	Credit
* Teaching as a Career	19151	1
Educational Leadership and Training A	19154	0.5
Education Research and Innovation	19155	0.5
* Family Studies	19255	0.5
Teaching Observation	42251	0.5

Must choose at least **ONE** of these technical level courses for pathway approval.

Title	Code	Credit
* * Human Growth and Development - Early Years	45004	0.5
* * Lifespan Development	45014	0.5

APPLICATION LEVEL

Title	Code	Credit
Teaching Internship	19152	1
Educational Leadership and Training B	19198	0.5

- * Required course for pathway approval.
- * Alternate course Orientation to Early Childhood Development (19051) may be allowed with prior approval.



APPROVED PATHWAY:

1. Includes a minimum of three secondary-level credits.
2. Includes a work-based element.
3. Consist of a sequence:
 - Introductory-level course.
 - Technical-level course.
 - Application-level course.
4. Supporting documentation includes:
 - Articulation Agreement(s).
 - Certification.
 - Program Improvement Plan.
 - Program of Study.
5. Technical-level and Application-level courses receive 5 state weighted funding in an approved CTE pathway.

KANSAS CAREER PATHWAYS | KANSAS CAREER CLUSTER GUIDANCE HANDBOOK 2023-2024

INFORMATION TECHNOLOGY CAREER CLUSTER DESIGN

Web and Digital Communications Pathway

CIP CODE 11.1004

INTRODUCTORY LEVEL

Title	Code	Credit
Computing Systems	10002/60002	1
Computer Applications	10004/60004	1

TECHNICAL LEVEL

Title	Code	Credit
Graphic Design	05162/11154	1
Computer Programming	10152	1
Web Page Design	10201	1
Computer Graphics	10202	1
Interactive Media	10203	1
Animation	10210	1
Internet Marketing	12162	1
GIS Technology	21058	1

APPLICATION LEVEL

Title	Code	Credit
IB Information Technology in Global Society	10007	1
Emerging Technologies - Computing	10040	1
Game Design and Authoring for the Web	10165	1
Particular Topics in Media Technology	10204	1
GIS Spatial Applications	21112	1
Web and Digital Communications Project Management	31096	1

COLLEGE CLASS / DUAL CREDIT INFO

All dual credit classes taken to fulfill a required credit at NHS will be listed on the students' transcript and will count toward that student's GPA. Students on an IEP, who enroll in college classes, may be eligible for academic assistance.

Students wanting information regarding these services can contact "Student Services" or the "Dean of Students" at the college of their choice. Students wanting a copy of their current IEP sent to the college should make this request through the counseling office at Nickerson High School.

Hutchinson Community College

College classes taught by Nickerson High School teachers will follow the high school schedule. These classes will begin on the first day of the high school semester and will end when the semester finals are given on the high school schedule.

College classes taught by HutchCC instructors, at Nickerson High School, will follow the college schedule.

Students are responsible for paying HutchCC Tuition fees. 2024-25 fees will be \$99.00 per credit hour for high school students outside of Reno County and \$89.00 for Reno County residents. Most classes we offer at NHS are 3 credit hours (\$267.00).

Select HutchCC classes do not have textbook costs due to HutchCC providing the textbooks through their Free Textbook Program. Those classes include College Algebra, English Composition IA, English Composition II, Public Speaking, and General Psychology.

Students choosing to drop a college class must do so 3 days after the class begins in HutchCC's DragonZone. Sophomores, Juniors, and Seniors are also allowed to take college classes online or in person at other institutions. Students are responsible for all tuition associated with these classes.

Students do not have to be fulfilling a pathway to enroll in these classes; they are open to all sophomores and above.

14997HCC HutchCC CAN (AL131) – ½ unit high school credit

Prerequisite: ACT Reading Score of 14 or Above, or Accuplacer Next Generation Reading Score of 231 or above, or Accuplacer Writing Score of 40 to 120.

Grades: 10-12

Description: Fundamental knowledge of the aging process with emphasis on meeting the physical needs requirements of geriatric residents of health care facilities including ethics, communication, normal and aging body system functions, nutrition, diseases, observation skills, documentation, personal care skills and their adequate performance.

02069 HutchCC COLLEGE ALGEBRA (MA106) – ½ unit high school credit

Grades: 11-12

PREREQUISITE: ACCUPLACER NextGen Math test score of 263 or above OR ACT Math Score of 21 OR a High School Cumulative GPA of 3.5 or better, OR a grade of "C" or better in Intermediate Algebra (MA 105) or equivalent, or a Compass score of 76 or greater.

Description: Topics covered include theory of equations, inequalities, functions, complex numbers, systems of equations, and inequalities, graphing, matrices, and conic sections. A graphing calculator is required.

01103HCC1A HutchCC ENGLISH COMP IA (EN101) – ½ unit high school credit

Prerequisite: “B” or better in English and a “B” or better at the end of 1st Semester or Administrative approval.

Grades: 11-12

Description: PREREQUISITE: Junior or Senior and 20 on the ACT English subtest OR 255 or better on Accuplacer NextGen Writing test, OR a high school cumulative GPA of 3.0 or greater.

EN101 English Composition 1A: Emphasis is placed on practice in writing exploratory paragraphs and themes and using the techniques of research. Selected reading for models and criticism are used.

01103HCC2 HutchCC ENGLISH COMP II (EN102) – ½ unit high school credit

Prerequisite: Junior or Senior and successful completion of English IA with a grade of C or better

Grades: 11-12

Description: HutchCC English Composition II is a semester-long composition course emphasizing the basics of good academic writing including grammar and mechanics, MLA-style research, argumentation and persuasion, and literary analysis. Required essays include an in-class personal opinion essay, and argumentation research essay using the Aristotelian paradigm, a personal reminiscence essay, a short story or poetry analysis essay, and a novel analysis of elements in *The Great Gatsby* by F. Scott Fitzgerald. Cumulative mid-term and final examinations are also part of the graded elements of the course.

04254HCC HutchCC GENERAL PSYCHOLOGY (PS100) – ½ unit high school credit

Grades: 11-12

Description: A survey of the fundamental principles of behavior including physiological, perceptual, historical, methodological, learning, memory, development, motivational, emotional, social and applied perspectives.

01151HCC HutchCC PUBLIC SPEAKING (SH101) – ½ unit credit

Grades: 11-12

Description: Principles and practices in the art of communication that will help the student develop skills in communication and acquire an understanding of oral communication as a vital human relation factor.

Allen Community College

22204HSNACC CHILD HEALTH & SAFETY & NUTRITION – ½ unit of credit

Grades: 10-12

Note: Allen CC, Semester 1 Only

Description: The student will develop an understanding of the basic factors which affect the health, safety, and nutrition of young children. Current state regulations and national standards will be examined.

45004 EARLY CHILDHOOD GROWTH & DEVELOPMENT – ½ unit of credit

Grades: 10-12

Note: Allen CC, Semester 1 Only

Pathway: Technical level class in Family and Community Services Pathway & Early Childhood Development & Service Pathway

Description: This class will teach students the skills that will help them meet the challenges of parenting the next generation. In this class students explore the decisions related to parenthood, parenting styles, the costs of raising children, pregnancy, labor and delivery, child development and discipline. Students will participate in a “mock” parenting activity where they research a career of their choice and determine a gross income for their family. They will determine the costs of pregnancy and childbirth; make consumer decisions about their child’s needs in the first year of life and then set up a budget according to their level of income. The Empathy Belly, the 72-hour Baby-Think-it-Over simulated doll experience and a field trip to the labor and delivery department are all highlights of the class.

19052 Principles of Early Childhood Education (ECE) – ½ unit of credit

Grades: 10-12

Note: Allen CC, Sem. 2 Only

Pathway: Technical level class in Early Childhood Development & Service Pathway

Description: The student will study the history, principles, philosophy and best practices in early education and childcare. The student will be exposed to a variety of early childhood program models as well. The student will be able to apply developmentally appropriate practices and the professional code of ethics in working with young children and their families.

COURSE DESCRIPTIONS AND CREDITS

AUDIO VISUAL COMMUNICATIONS

Audio Visual Communications Courses

<i>Course Title</i>	<i>Credit</i>	<i>Grade</i>	<i>Prerequisite</i>
21st Century Journalism	0.5	9-12	
Audio Video Fundamentals	0.5	9-12	
Audio/Visual Production	0.5	9-12	Audio Video Fundamentals
Publication Production	0.5	9-12	21st Century Journalism
Digital Media Design A and B	1.0	10-12	Digital Med.Tech. & Pub. Production
Digital Media Technology	0.5	10-12	21st Century Journ. & Pub. Production

Audio Visual Communications - Course Descriptions

30100 21st CENTURY JOURNALISM - ½ unit of credit

Grades: 9-12

Pathway: **Technical Level Class in AV Communications Pathway**

Note: This is the first class in what used to be called Yearbook I. This class will be offered in semester 1. ***You must also enroll in Publication Production semester 2.***

Description: 21st Century Journalism promotes the development of the skill set needed today and in the future. Topics include an exploration of the role media and the communications industry has in society, the development of the technical skills related to journalistic writing and interviewing, as well as understanding the ethical and legal issues related to the field.

30103 AUDIO VIDEO FUNDAMENTALS – ½ unit of credit

Grades: 9-12

Pathway: **Technical Level Class in AV Communications Pathway**

Description: Audio Video Production Fundamentals provides a basic understanding of producing video for a variety of uses. Topics include analyzing the pre- production, production and post-production process, as well as exploring the equipment and techniques used to develop a quality audio video product.

11051 AUDIO/VISUAL PRODUCTION – ½ unit of credit

Prerequisite: Audio Video Fundamentals

Grades: 9-12

Description: Audio/Visual Production courses provide students with the knowledge and skills necessary for television, video, film, and/or radio production. Writing scripts, camera operation, use of graphics and other visuals, lighting, audio techniques, editing, production principles, and career opportunities are typical topics covered within production courses. Students are usually required to produce their own program or segment. Additional topics such as broadcast industry regulations, radio/TV operation, power of the medium, photography, transmission technology, and so on may be included.

30151 DIGITAL MEDIA DESIGN A and B – ½ unit of credit each

Prerequisite: Digital Media Technology, Publication Production

Grades: 10-12

Pathway: Application Level Class in AV Communications Pathway

Note: This is year three of what used to be called Yearbook. You must have passed both Digital Media Technology and Publication Production to be enrolled in this class.

Description: Digital Media Design and Production will provide students with the opportunity to apply the fundamental techniques learned in the Digital Media Technology course through the production of a multimedia project for public presentation. Topics include developing a production schedule, working as a team, utilizing composition principles, and embedding audio, video or other content in digital formats.

30104 DIGITAL MEDIA TECHNOLOGY – ½ unit of credit

Prerequisite: 21st Century Journalism & Publication Production

Grades: 10-12

Pathway: Technical Level Class in AV Communications Pathway

Note: This is year two of what used to be called Yearbook. You must have passed both 21st Century Journalism and Publication Production to be enrolled in this class. ***You must also enroll in Publication Production semester 2.***

Description: Digital Media Technology teaches the technical skills needed to work with electronic media. Topics include exploring the use of digital imaging and video today and in the future, a study of the relationship of workflow to project planning and completion and the software, equipment and tools used in the industry.

11104 PUBLICATION PRODUCTION – ½ unit of credit

Grades: 9-12

Note: This is the second semester of what used to be called Yearbook. **If you are enrolling in either 21st Century Journalism or Digital Media Technology, you must also enroll in Publication Production.**

Description: Publication Production courses provide students with the knowledge and skills necessary to produce the school newspaper, yearbook, literary magazine, or other printed publication. Students may gain experience in several components (writing, editing, layout, production, and so on) or may focus on a single aspect while producing the publication.

Human Services (FACS, FAID, ECE, EDU) Courses

<i>Course Title</i>	<i>Credit</i>	<i>Grade</i>	<i>Prerequisite</i>
Career and Life Planning	0.5	9-10	
Ess. of Interior & Textile Design	0.5	9-12	Career and Life Planning
Family Studies	0.5	10-12	Career and Life Planning
Human Growth/Dev. The Early Years	0.5	10-12	Career and Life Planning
Interior & Textile Design A and B	1.0	10-12	Ess. of Int. & Textile Design
Nutrition and Wellness (S1 only)	0.5	10-12	Career and Life Planning
Early Child Growth and Dev (S2 only)	0.5	10-12	Note: Allen CC
Child Health & S&N (S1 only)	0.5	10-12	Note: Allen CC
Principles of ECE (S1 only)	0.5	10-12	Note: Allen CC
Obs & Interacting (S2 only)	0.5	10-12	Note: Allen CC
Career Connections (S2 only)	0.5	11-12	Career and Life Planning
Teaching as a Career A & B	1.0	11-12	Career and Life Planning
Teaching Internship A and B	1.0	11-12	Career and Life Planning

Human Services - Course Descriptions

22207 CAREER AND LIFE PLANNING - ½ unit of credit

Grades: 9-10

Pathway: Introductory level class in Teaching/Training Pathway, Family and Community Services Pathway, Early Childhood Development and Services Pathway, and Fashion, Apparel, Interior Design (FAID) Pathway:

Description: Self-Management courses introduce students to the skills and strategies helpful in becoming more focused, productive individuals. These courses typically emphasize goal setting; decision-making; managing time, energy, and stress; and identifying alternatives and coping strategies. They may also allow students to explore various career and lifestyle choices.

19298 CAREER CONNECTIONS – ½ unit of credit

Prerequisite: Career & Life Planning

Grades: 11-12

Note: Semester 2 Only

Pathway: Application level class in Family and Community Services

Description: Career Connections courses provide human services/family and consumer sciences related work-based learning experiences (paid or unpaid) outside the traditional classroom. Learning goals are set by the student, teacher and employer/adult mentor to create field experiences and/or discussions related to human services/ family and consumer sciences occupational technical skills.

22204HSNACC CHILD HEALTH & SAFETY & NUTRITION – ½ unit of credit

Grades: 10-12

Note: Allen CC, Semester 1 Only

Description: The student will develop an understanding of the basic factors which affect the health, safety and nutrition of young children. Current state regulations and national standards will be examined.

19052 EARLY CHILDHOOD GROWTH & DEVELOPMENT – ½ unit of credit

Grades: 10-12

Note: Allen CC, Semester 2 Only

Pathway: Technical level class in Family and Community Services Pathway & Early Childhood Development & Service Pathway

Description: This class will teach students the skills that will help them meet the challenges of parenting the next generation. In this class students explore the decisions related to parenthood, parenting styles, the costs of raising children, pregnancy, labor and delivery, child development and discipline. Students will participate in a “mock” parenting activity where they research a career of their choice and determine a gross income for their family. They will determine the costs of pregnancy and childbirth; make consumer decisions about their child’s needs in the first year of life and then set up a budget according to their level of income. The Empathy Belly, the 72-hour Baby-Think-it-Over simulated doll experience and a field trip to the labor and delivery department are all highlights of the class.

30110 ESSENTIALS OF INTERIOR AND TEXTILE DESIGN - ½ unit of credit

Prerequisite: Career & Life Planning

Grades: 9-12

Pathway: Technical level class in Fashion, Apparel, Interior Design (FAID) Pathway

Description: This class builds on basic sewing skills. Students will incorporate the elements and principles of design in their projects and design sewing projects that reflect their personality. They will also explore careers within this field and use the newest tools and timesaving techniques in their projects. Students will use the latest software embroidery programs when designing projects using an embroidery machine. Projects included in this class include a polar fleece blanket or quillow (a quilt in a pillow), holiday projects and ornaments, jeans patching and repair, elasticized flannel pants and a personally designed pincushion. The cost of this class ranges from \$30 - \$40.

22208A FAMILY STUDIES - ½ unit of credit

Prerequisite: Career & Life Planning

Grades: 10-12

Pathway: Technical level class in Family & Community Services Pathway

Description: This class is designed to teach students about the importance of strong families, healthy relationships, dating, selecting a life-long mate, marriage, family crisis, divorce and death. This class gives students practical information and life-long skills such as decision making, communication, evaluating alternatives and budgeting that they can apply to their lives now and in the future. Students will make a portfolio for two major projects. They will plan their dream wedding on a budget and then they will participate in a "mock" life with a classmate they are most compatible with. They will then research a career, determine family income, set up a budget according to their "mock" life and make consumer decisions about their wants and needs in setting up a family budget.

45004TEY Human Growth/Dev. The Early Years - ½ unit of credit

Prerequisite: Career & Life Planning

Grades: 10-12

Pathway: Technical level class in Teaching & Training Pathway

Description: This class will teach students the skills that will help them meet the challenges of parenting the next generation. In this class students explore the decisions related parenthood, parenting styles, the costs of raising children, pregnancy, labor and delivery, child development and discipline. Students will participate in a “mock” parenting activity where they research a career of their choice and determine a gross income for their family. They will determine the costs of pregnancy and childbirth; make consumer decisions about their child’s needs in the first year of life and then set up a budget according to their level of income. The Empathy Belly, the 72-hour Baby-Think-it-Over simulated doll experience and a field trip to the labor and delivery department are all highlights of the class.

30160 INTERIOR AND TEXTILE DESIGN STUDIO – ½ unit of credit each

Prerequisite: Essentials of Interior & Textile Design

Grades: 10-12

Pathway: Application level class in Fashion, Apparel, Interior Design (FAID) Pathway

Note: This class may be taken more than once.

Description: This class is designed to be a project class that allows a student to make a quilt or wall hanging of their choice. The students will go on 2 field trips to 3 quilt shops. The class can cost from \$10 to \$60, depending on the type and size of projects they want to make. Donated fabric is an option to keep the cost of the class down. The student will learn about the different kinds of quilts, current popular quilt designs and basic quilting skills. Students will complete samples to learn basic quilting skills (1/4" seams, pressing & rotary cutting), choose a quilt that meets their needs and apply timesaving techniques to their projects. When selecting fabric for their projects, students will apply the principles and elements of design and color theory. This class builds a great foundation for students interested in graphic design, interior design or the fashion field. Students host an annual quilt show to display their quilt(s) and past sewing projects.

008057 NUTRITION AND WELLNESS - ½ unit of credit

Prerequisite: Career & Life Planning

Grades: 10-12

Note: Semester 1 Only

Pathway: Technical level class in Family and Community Services Pathway

Description: Foods class will include detailed discussion about nutrition and the six groups of nutrients, psychological and physiological needs, planning daily food choices using the food guide pyramid plan, weight control and exercise, smoking, drugs, and caffeine. Life cycle decisions including nutrition, consumer buying and storing of food, and environmental concerns will also be discussed. Food skills and food preparation for the groups of nutrients including meal management and table setting will be included in the labs.

22204ACCC Principles of Early Childhood Education (ECE) – ½ unit of credit

Grades: 10-12

Note: Allen CC, Sem. 1 Only

Pathway: Technical level class in Early Childhood Development & Service Pathway

Description: The student will study the history, principles, philosophy and best practices in early education and child care. The student will be exposed to a variety of early childhood program models as well. The student will be able to apply developmentally appropriate practices and the professional code of ethics in working with young children and their families.

22204OIACCC OBSERVING & INTERACTING WITH YOUNG CHILDREN – ½ unit of credit

Grades: 10-12

Note: Allen CC, Semester 2 Only

Pathway: Technical level class in Early Childhood Development & Service Pathway

Description: The student will research and practice the role of observation to assess and monitor the development and learning of and the appropriate techniques for interacting with young children.

19152 TEACHING INTERNSHIP A and B – 1 unit of credit

Grades: 11-12

Pathway: Application level class in the Teaching/Training Pathway

Description: Education – Workplace experience courses provide students with work experience in fields related to education. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

19151 TEACHING AS A CAREER – 1 unit of credit

Prerequisite: Career & Life Planning

Grades: 11-12

Pathway: Technical level class in the Teaching/Training Pathway

Description: Teaching profession courses introduce students to the principles underlying teaching and learning, the responsibilities and duties of teachers, and the techniques of imparting knowledge and information. These courses typically expose students to and train them in classroom management, student behavior, leadership and human relations skills, assessment of student progress, teaching strategies, and various career opportunities in the field of education.

FINE ARTS**Fine Arts****1 Credit of Fine Arts Required for Graduation**

<i>Course Title</i>	<i>Credit</i>	<i>Grade</i>	<i>Prerequisite</i>
Beginning Drama	0.5	9-12	
Advanced Drama	0.5	9-12	
Debate	0.5	9-12	
Forensics	0.5	9-12	
Art Exploration	0.5	9-12	
Intro to Drawing	0.5	9-12	Art Exploration
Graphic Design Fundamentals	0.5	9-12	Art Exploration
Painting	0.5	9-12	Art Exploration
Ceramics	0.5	9-12	Art Exploration
Advanced Art	1.0	9-12	See Description
Drawing	0.5	9-12	Intro to Drawing
Photo Imaging	0.5	9-12	Art Exploration
Concert Choir A and B	1.0	9-12	
Jazz Ensemble A and B	1.0	9-12	Audition & March/Conc/Pep Band
Madrigals A and B	1.0	9-12	See Description
Marching/Concert/Pep Band A and B	1.0	9-12	See Description
Treble Choir A and B	1.0	9-12	See Description
Advanced Music Studies	0.5	10-12	See Description

Fine Arts - Course Descriptions

ART/MEDIA

05170 ADVANCED ART – ½ or 1 unit of credit

Prerequisite: Art Exploration and either Painting, Drawing or Ceramics and Administrative approval

Grades: 9-12

Description: This class is for those wishing to learn more about a particular medium or technique using that medium. The instructor and student will develop an individual course whereby the student will work toward further development of skills using a medium. Examples: becoming better at painting details using watercolors; developing textured acrylic painting; exploring various oxides combined with slip for slip trailing in ceramics; working on carving skills in ceramics; developing sculptures from non-clay materials; developing shading skills of the Masters in graphite; etc.

05154 ART EXPLORATION – ½ unit of credit

Grades: 9-12

Note: This class is a prerequisite to all other art classes

Description: This class focuses on learning the Elements of Art used in creating all works of art. This learning will take place through using and becoming more skilled at various media of the art room. Media will include many of the following; graphite, charcoal, pen and ink, pastels, paint, clay and paper.

05159 CERAMICS – ½ unit of credit

Prerequisite: Art Exploration

Grades: 9-12

Description: This class is for students of varying experience working with clay. Beginning students will learn the basic forming techniques of clay and will create a sculpture made of clay. Toward the end of the semester, they will be introduced to the potter's wheel. Students who have been in Ceramics beyond one semester will work on developing their skill sets in both hand building and wheel thrown pottery.

30005 DRAWING – ½ unit of credit

Prerequisite: Intro to Drawing

Grades: 9-12

Description: Drawing courses cover the same topics as Creative Art—Drawing/Painting, but focus on drawing. In keeping with this attention on two-dimensional work, students typically work with several media (such as pen-and-ink, pencil, chalk, and so on), but some courses may focus on only one medium.

30102 GRAPHIC DESIGN FUNDAMENTALS – ½ unit of credit

Prerequisite: Art Exploration

Grades: 9-12

Pathway: Technical Level class in Visual Arts Pathway

Description: This class is the foundation class for all other Graphic Design classes. Students will learn some of the first graphic design processes including block printing, typography, comic strips, posters and advertisements. Each project is designed to work through a scenario much like an employer would give a graphic design employee. Students will create logos packaging and small animated clips for advertising.

30005 INTRO TO DRAWING – ½ unit of credit

Prerequisite: Art Exploration

Grades: 9-12

Pathway: Introductory level class in Visual Arts Pathway

Description: This class is intended for students wishing to develop their drawing skills. Students will learn how to shade objects realistically, how to create highlights and cast shadows, and various other skills. Subjects will be from various genres; Fantasy/Imaginary, Real Life and from Photographs. Media will include graphite, charcoal, pen and ink, colored pencil, pastel, or scratchboard.

05157 PAINTING – ½ unit of credit

Prerequisite: Art Exploration

Grades: 9-12

Description: This class is intended for students who want to learn more about painting media. Media will include watercolor, acrylic, and possibly oil. Various techniques will be explored to develop necessary skills. Subjects will include landscape, still life, portraits, and non-objective.

05167 PHOTO IMAGING – ½ unit of credit

Prerequisite: Art Exploration

Grades: 10-12

Description: Photography courses expose students to the materials, processes, and artistic techniques of taking artistic photographs. Students learn about the operation of a camera, composition, lighting techniques, depth of field, filters, camera angles, and film development. The course may cover black-and-white photography, color photography, or both. As students advance, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic style. These courses may also cover major photographers, art movements, and styles.

DRAMA

05056 ADVANCED DRAMA – ½ unit of credit

Prerequisite: Beginning Drama

Grades: 9-12

Description: Stagecraft courses are intended to help students develop experience and skill in one or more aspects of theatrical production, but concentrate on stagecraft (such as lighting, costuming, set construction, makeup, stage management, and so on). Initial courses are usually introductory in nature, while more advanced courses concentrate on improving technique, expanding students' exposure to different types of theatrical techniques and traditions and increasing their chances of participating in public productions. These courses may also provide a discussion of career opportunities in the theater.

05053 BEGINNING DRAMA – ½ unit of credit

Grades: 9-12

Description: Students will learn and put into practice basic skills needed to produce a play, including creativity, stage movement, oral interpretation, characterization, role playing, improvisation, and dramatic criticism. Students can learn communication skills, leisure skills, and possible employment skills, while producing a play and fulfilling part of a fine arts requirement.

Students will learn and put into practice basic skills needed to produce a play, including creativity, stage movement, oral interpretation, characterization, role playing, improvisation, and dramatic criticism. Students can learn communication skills, leisure skills, and possible employment skills, while producing a play and fulfilling part of a fine arts requirement.

01153 DEBATE – ½ unit of credit

Grades: 9-12

Note: Interscholastic competition is required, including evening or Saturday tournaments.

Description: Debate is the study of one of the oldest, most valuable forms of speech for the purpose of participation in Interscholastic competition. The course accommodates both novice and experienced debaters. Research techniques, debate theory and practice debates are the core of the course.

01154 FORENSICS – ½ unit of credit

Grades: 9-12

Note: Interscholastic competition is required, including evening or Saturday tournaments.

Description: This course provides students with the opportunity to become more familiar with the events that comprise competitive forensics: interpretation of prose, interpretation of poetry, humorous solo acting, serious solo acting, duet acting, informative speaking, original oration (persuasive speaking), and extemporaneous speaking. The class will focus on the preparation and practice of these 8 acting and speaking events. The course accommodates both novice and experienced forensicators.

MUSIC

05147 ADVANCED MUSIC STUDIES – ½ unit of credit

Grades: 10-12

Description: Music Independent Study courses, often conducted with instructors, professional musicians, or voice coaches as mentors, enable students to explore music-related topics. Independent Study courses may serve as an opportunity for students to expand their expertise in a particular form or style, to explore a topic in greater detail, or to develop more advanced skills.

05110 CONCERT CHOIR A and B – 1 unit of credit

Grades: 9-12

Description: This class provides experience in a variety of choral music ranging from the 16 th century to contemporary. This course offers an opportunity for class members to attain a higher level of proficiency in vocal techniques, sight 55 singing, theory and performances. The choir performs at several concerts during the year plus festivals in the spring. Females may participate concurrently in Girls Ensemble, and males or females may also participate concurrently in Madrigals (audition required). All performances are mandatory. Due to KSHSAA requirements, students must maintain academic eligibility for festivals during the second semester.

05106 JAZZ ENSEMBLE A and B – 1 unit of credit

Prerequisite: Audition & Membership in MARCHING/CONCERT/PEP BAND or Administrative Approval

Grades: 9-12

Note: All performances are mandatory.

Description: Audition is required for membership and the enrollment is limited in instrumental ensemble. The group performs at various concerts, festivals, and school tours throughout the year. The emphasis is on performing in different jazz styles, including swing, Latin, rock, and ballads. Jazz theory and improvisation skills are also developed. Students should be prepared to purchase commonly used jazz accessories, such as mutes, plungers, drumsticks and brushes as needed.

05111 MADRIGALS A and B – 1 unit of credit

Prerequisite: Audition and concurrent enrollment in another music class or instructor approval

Grades: 9-12

Note: All performances are mandatory. Due to KSHSAA requirements, students must maintain academic eligibility for festivals during the second semester.

**NEW students must purchase formal concert attire. Approximate costs are \$100 for girls (plus purchasing black dress shoes) and \$100 for guys (plus purchasing black dress shoes).

Description: Madrigals is a select performing ensemble, whose members are admitted by audition only. Based on auditions, students will only be admitted as needed to support the balance and blend of the ensemble. Performance repertoire includes a wide variety of musical styles, from early music and acapella selections to contemporary and pop styles, including some occasional choreography. Madrigals serves a very public outreach function for USD 309, representing the district and NHS at many community functions, including the Kansas State Fair. Performances also include all music department concerts, festivals, and Commencement.

05101 MARCHING/CONCERT/PEP BAND A and B – 1 unit of credit

Prerequisite: Band the previous year or instructor approval

Grades: 9-12

Note: For all three distinct groups, all performances are mandatory. See Additional requirements listed in bold below for each group.

Description:

MARCHING BAND

This group is responsible for performing at all home football games, various parades and marching festivals throughout the first semester. A summer band camp, prior to the beginning of school, is required. **Students must purchase a lyre and flip folder. Students must be prepared to purchase specific shirts and shoes to wear for all performances. If a student needs black marching shoes, they cost \$45.00.**

CONCERT BAND

This group performs a variety of concert literature at school, league, regional, and state performances. The rehearsals focus on technique, musical expressiveness, sight-reading, theory, and listening skills. This group begins immediately after marching season.

PEP BAND The Pep Band is responsible for performing at home football and basketball games and occasional tournaments and playoffs throughout the football and basketball season. **Students must purchase specific pep band shirts to wear for all performances.**

05110 TREBLE CHOIR A and B – 1 unit of credit

Grades: 9-12

Note: All performances are mandatory. (KSHSAA academic eligibility required for festival performances).

Description: Treble Choir is a female-only choral ensemble that focuses on performing two-part and three-part music for girls' voices. Students may concurrently participate in Concert Choir and/or Madrigals (audition required). Performances include all music department concerts and festivals as scheduled.

FOREIGN LANGUAGE**Foreign Language**

<i>Course Title</i>	<i>Credit</i>	<i>Grade</i>	<i>Prerequisite</i>
Spanish 1A and 1B	1.0	9-12	
Spanish 2A and 2B	1.0	10-12	Spanish 1A and 1B
Spanish 3A and 3B	1.0	11-12	Spanish 2A and 2B

Foreign Language - Course Descriptions**06101 SPANISH 1A and 1B – 1 unit of credit**

Prerequisite: “B” or better in English and a “B” or better at the end of 1st Semester or Administrative approval.

Grades: 9-12

Description: This elementary course introduces the Spanish language and culture. Emphasis is on conversation mixed with basic grammatical understanding, phonetics, elementary writing and reading in Spanish. Videotapes, computer software, CD-ROMs and supplementary reading material provide information. Recommended for those students who have average or above average grades in English. The present tense and an introduction to the preterit tense provide the major study for the first year. Concepts include needs for everyday life.

06102 SPANISH 2A and 2B – 1 unit of credit

Prerequisite: “B” or better in Spanish1B and a “B” or better at the end of 1st Semester or Administrative approval.

Grades: 10-12

Description: Continuation of the Spanish 1 course which reviews and builds on the first year of study. Vocabulary is increased and more verb tenses are introduced. The course builds more freedom of expression and continues to drill on conversational skills. More emphasis is given to the cultural aspects of the language and its people. Students are encouraged to explore multi-media learning through computers, CD-ROM, video, and audiotapes. The preterit tense is studied in depth.

06103 SPANISH 3A and 3B – 1 unit of credit

Prerequisite: “B” or better in Spanish2B and a “B” or better at the end of 1st Semester or Administrative approval.

Grades: 11-12

Description: Advanced study of the language and culture of Spain and Latin America will be stressed. Continued grammar and vocabulary building as well as increased writing and conversational skills will be stressed.

LANGUAGE ARTS

Language Arts

4 Credits of English Required for Graduation

<i>Course Title</i>	<i>Credit</i>	<i>Grade</i>	<i>Prerequisite</i>
<i>Banned Books (S1 only)</i>	.5	9	
<i>Fear Factor (S2 only)</i>	.5	9	
<i>From Pages to Screens</i>	.5	9	
<i>Humanity’s Inhumanity I</i>	.5	9	
<i>Magic for Muggles</i>	.5	9	
<i>Expectation vs Reality I</i>	.5	10	
<i>Humanity’s Inhumanity II (S1 only)</i>	.5	10	
<i>Multicultural Authors</i>	.5	10	
<i>War (S2 only)</i>	.5	10	
<i>Advanced Creative Writing</i>	.5	11-12	<i>Creative Writing</i>
<i>Creative Writing</i>	.5	11-12	
<i>HutchCC Public Speaking</i>	Dual	11-12	
<i>HutchCC English Comp IA</i>	Dual	11-12	<i>ACT Eng Score 20/Accuplacer 255+</i>
<i>HutchCC English Comp II</i>	Dual	11-12	<i>English Comp IA with a C or better</i>
<i>Resilience</i>	.5	11-12	
<i>Speech</i>	.5	11-12	
<i>The Great Outdoors (S1 only)</i>	.5	11-12	
<i>Expectation vs Reality II</i>	.5	11-12	
<i>Technical English (S1 Only)</i>	.5	12	
<i>Brit Lit (S2 Only)</i>	.5	12	

**Based on Fastbridge and CBM testing, freshmen may be enrolled in a mandatory 'Reading Between the Lines' course which will count as their English credit. As a graduation requirement, all students are required to take one semester of Speech or HCC Public Speaking. Students who fail a semester of English will not be allowed to take an Acellus course for credit recovery until the second semester of their sophomore year. Students will instead be enrolled in a second English course with a grade level teacher. Students do not need to take Expectation vs. Reality I or Humanity's Inhumanity I to be able to take Expectation vs. Reality II or Humanity's Inhumanity II as they are all stand-alone courses. However, Creative Writing IS a prerequisite for Advanced Creative Writing.

Language Arts - Course Descriptions

01104B ADVANCED CREATIVE WRITING – ½ unit of credit

Grades:11-12

Prerequisite: Creative Writing

Description: This class takes the basics of Creative Writing and goes one step further. Students will continue to study the craft of writing and largely work on creative nonfiction and multiple genres of fiction. Students must have passed Creative Writing as a prerequisite and be self-motivated.

01065BB BANNED BOOKS – ½ unit of credit

Grades: 9

Note: Offered Semester 1 Only

Description: Let's read books that you're "not supposed to!" This class will center around books that at one point in time/are currently banned. These books are censored for the real and raw topics in our society. But let's have you be the judges and juries. Should these books stay or should they go?

01065BE BRIT LIT – ½ unit of credit

Grades:12

Note: Offered Semester 2 Only

Description: Comedy, history, tragedy, revenge, and love are common themes in all of Shakespeare's work. This class will focus on several of his plays, poems, and a few of his friends' works as well.

01104 CREATIVE WRITING – ½ unit of credit

Grades:11-12

Description: Offered in previous years, this class covers the basics of creative writing. Students will write fiction, poetry, and screenplays. Spoiler alert: poetry does not have to rhyme.

01065EVR EXPECTATION vs REALITY I – ½ unit of credit

Grades: 10

Description: Have you made a really good plan only to have it fail or backfire? If you enjoyed cheering for Katniss in The Hunger Games or watching Thomas in The Maze Runner, this class is for you. In this class, students will read and write about ideas that didn't work out quite as expected.

01065EVR2 EXPECTATION vs REALITY II – ½ unit of credit

Grades: 11-12

Note: Offered Semester 2 Only. Expectation vs. Reality I is NOT a prerequisite to this class.

Description: Have you made a really good plan only to have it fail or backfire? If you enjoyed cheering for Katniss in The Hunger Games or watching Thomas in The Maze Runner, this class is for you. In this class, students will read and write about ideas that didn't work out quite as expected.

01065FF FEAR FACTOR – ½ unit of credit

Grades: 9

Note: Offered Semester 2 Only

Description: Do you like mystery? Adrenaline? Possibly fear? Then this is the class for you! This class will center around literature with mystery and a hint of fear. Do you think you're up for the scare?

01065PS FROM PAGES TO SCREENS – ½ unit of credit

Grades: 9

Description: How many times have you heard "the book is better" after watching a movie? Well now it's your time to decide! This class will center around books that were turned into movies. Is the book actually better?

01103HCC1A HutchCC ENGLISH COMP IA (EN101) – ½ unit credit

Prerequisite: “B” or better in English and a “B” or better at the end of 1st Semester or Administrative approval.

Grades: 9-12

Description: PREREQUISITE: Junior or Senior and 20 on the ACT English subtest OR 255 or better on Accuplacer NextGen Writing test, OR a high school cumulative GPA of 3.0 or greater.

EN101 English Composition 1A: Emphasis is placed on practice in writing exploratory paragraphs and themes and using the techniques of research. Selected reading for models and criticism are used.

01103HCC2 HutchCC ENGLISH COMP II (EN102) – ½ unit high school credit

Prerequisite: Junior or Senior and successful completion of English IA with a grade of C or better “B” or better in English and a “B” or better at the end of 1st Semester or Administrative approval.

Grades: 9-12

Description: HutchCC English Composition II is a semester-long composition course emphasizing the basics of good academic writing including grammar and mechanics, MLA-style research, argumentation and persuasion, and literary analysis. Required essays include an in-class personal opinion essay, and argumentation research essay using the Aristotelian paradigm, a personal reminiscence essay, a short story or poetry analysis essay, and a novel analysis of elements in *The Great Gatsby* by F. Scott Fitzgerald. Cumulative mid-term and final examinations are also part of the graded elements of the course.

01151HCC HutchCC PUBLIC SPEAKING (SH101) – ½ unit credit

Prerequisite: “B” or better in English and a “B” or better at the end of 1st Semester or Administrative approval.

Grades: 11-12

Description: Principles and practices in the art of communication that will help the student develop skills in communication and acquire an understanding of oral communication as a vital human relation factor.

17060AOL HUMANITY’S INHUMANITY I – ½ unit of credit

Grades: 9

Description: Are you interested in the tragedies and traumas of our pastime? Slavery? The Holocaust? This class is centered around literature that shows the inhumanity of those tragedies. Let’s discover humanity’s inhumanity.

01065HI HUMANITY'S INHUMANITY II – ½ unit of credit

Grades:10

Note: Offered Semester 1 only. Humanity's Inhumanity I is NOT a prerequisite to this class.

Description: Are you interested in the tragedies and traumas of our pastime? Slavery? The Holocaust? This class is centered around literature that shows the inhumanity of those tragedies. Let's discover humanity's inhumanity.

01065MM MAGIC FOR MUGGLES – ½ unit of credit

Grades: 9

Description: Has the idea of magic or fantasy always interested you? The idea that anything is possible: magic, alternate realities, mythical creatures? Then this is the class for you! This class will center around the "impossible" and make it possible.

01065M MULTICULTURAL AUTHORS – ½ unit of credit

Grades: 10

Description: This class will focus on literature of various cultures in the U.S., including Hispanic, African-American, Native American, and Asian American authors.

01065R RESILIENCE – ½ unit of credit

Grades: 11-12

Description: Does it give you warm fuzzies to hear about people who didn't give up even when their situation seemed hopeless? Does it give you hope when people rise above? In this class, we will hear about people who made the best of impossible situations and didn't let their circumstances get the best of them.

01151 SPEECH – ½ unit of credit

Required: Yes. This class or HutchCC Public Speaking is required for graduation.

Grades: 11-12

Description: This course covers the basics of public speaking and being able to articulate our thoughts and ideas to others. Students will listen to and analyze the words of many speakers. This class is required to graduate and can be taken as a Junior or Senior.

01065TE TECHNICAL ENGLISH – ½ unit of credit

Grades:12

Note: Offered Semester 1 Only

Description: Will you be needing a Personal statement for scholarships and college applications or needing a Resume for a prospective job? This class will focus on real world writing along with a review of the fundamentals of the English Language.

01065TGO THE GREAT OUTDOORS – ½ unit of credit

Grades: 11-12

Note: Offered Semester 1 Only

Description: Do you enjoy spending time in nature? Do you enjoy learning about survival or hearing about adventures? This class will center around being outdoors and reading and writing about people who held their own against Mother Earth. This is not for those afraid of bugs.

01065W WAR – ½ unit of credit

Grades:10-12

Note: Offered Semester 2 only

Description: Have you ever wondered what daily life was like for those who were prisoners, soldiers, and everyday people during times of war? This class will focus on stories about WWI, WWII, and the Cold War.

MARKETING

Marketing Courses

All Classes are Electives Except Financial Literacy which is Required for Graduation

<i>Course Title</i>	<i>Credit</i>	<i>Grade</i>	<i>Prerequisite</i>
Business Essentials	.5	9-12	None
Cashier/Checker Operations	.5	9-12	None
Financial Literacy	.5	9-12	None
Marketing Applications A & B (Panther Den)	.5	9-12	Cashier/Checker Ops
Media Technology	.5	9-12	None
Principles of Marketing A	.5	9-12	None
Principles of Marketing B	.5	9-12	None
Sports and Entertainment Marketing	.5	9-12	None
Business Communications	.5	10-12	None
Entrepreneurship	.5	10-12	None

Marketing - Course Descriptions

12009 BUSINESS COMMUNICATIONS – ½ unit of credit

Grades: 10-12

Pathway: Technical level class in the Marketing Pathway

Description: Business Communications courses help students to develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communicating nonverbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced through problem-based projects and real world application. Can earn 3 credits at HCC for completion of this class and Marketing Communications.

12050 BUSINESS ESSENTIALS - ½ unit of credit

Grades: 9-12

Pathway: Introductory level class in the Marketing Pathway

Description: This is a core course designed to give students an overview of the business, marketing and finance career cluster occupations. Students will develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in these occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior, acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace. As students learn about different types of business ownership, they will interpret industry laws and regulations to ensure compliance, identify principles of business management, and analyze business practices to determine ethics and social responsibilities.

12201 CASHIER/CHECKER OPERATIONS – ½ unit of credit

Grades: 9-12

Note: This class is a prerequisite for all Panther Den Courses

Description: Cashier/Checker Operations courses provide students with the knowledge and skills to operate a cash register and to handle numerous transactions. Topics typically include cash register procedures; handling cash, credit, checks, food stamps, and other forms of legal tender; human relations; stocking and marking merchandise; and theft prevention. Job search and employability skills are often an integral part of the course.

12053 ENTREPRENEURSHIP - ½ unit of credit

Grades: 10-12

Pathway: Technical level class in the Marketing Pathway

Description: This course will focus on the forms of business organizations, characteristics of a market economy, market identification and research, business plan, function of price, business financials, business management, customer service, global market, government regulations, and business ethics. Students will also analyze and evaluate current entrepreneurial activities through e-commerce. Creation and organization of a hands-on business will give students a real-life experience as an entrepreneur. Internet resources, business software, and other technology, as well as field trips, will be integrated into this class.

22990 FINANCIAL LITERACY – ½ unit of credit

Required: Yes, for Graduation

Grades: 9-12

Description: Financial literacy course provides students with an understanding of the concepts, principles and skills involved in making and applying sound financial decisions. This course emphasizes earning income, spending, saving, investing, managing credit and managing risk.

35300 MARKETING APPLICATIONS A AND B (Panther Den) - ½ unit of credit each

Note: Checker/Cashier Operations must be taken before you can be enrolled in Marketing Applications A & B.

Grades: 9-12

Pathway: Application level class in the Marketing Pathway

Description: Marketing Applications furthers student understanding and skills in the various marketing functions. Students coordinate channel management with other marketing activities, discuss the nature of marketing plans, generate product ideas, coordinate activities in the promotional mix, and demonstrate specialized sales processes and techniques. Economic and financial concepts are also stressed throughout the course. Current technology will be used to acquire information and to complete the projects. Throughout the course, students are presented problem solving situations for which they must apply academic and critical-thinking skills. Formal reflection is an on-going component of the course along with four projects.

11151 MEDIA TECHNOLOGY – ½ unit of credit

Grades: 9-12

Description: Students will explore photography, digital imaging, graphic design, and digital citizenship, while applying the principles of design in a project-based learning environment. Topics will include exploring the use of digital media today and in the future, project planning and completion and understanding the software, equipment, and tools used in the media technology industry.

12164 PRINCIPLES OF MARKETING A and B - ½ unit of credit each

Grades: 9-12

Pathway: Technical level class in the Marketing Pathway

Description: Principles of Marketing courses offer students insight into the processes affecting the flow of goods and services from the producer to the consumer. Course content ranges considerably as general marketing principles such as purchasing, distribution, and sales are covered; however, a major emphasis is often placed on kinds of markets; market identification; product planning, packaging, and pricing; and business management.

12163 SPORTS AND ENTERTAINMENT MARKETING - ½ unit of credit

Grades: 9-12

Pathway: Technical level class in the Marketing Pathway

Description: Sports and Entertainment Marketing courses introduce students to and help them refine marketing and management functions and tasks that can be applied in amateur or professional sports or sporting events, entertainment or entertainment events, and the sales or rental of supplies and equipment.

MATH**Math Courses****3 Credits of Math Required for Graduation**

<i>Course Title</i>	<i>Credit</i>	<i>Grade</i>	<i>Prerequisite</i>
Pre-Algebra A and B	0.5	9	Teacher Recommendation
Algebra 1A and 1B	1.0	9-10	8 gr. math or Pre-Algebra A&B
Geometry A and B	0.5	10	Algebra 1A and 1B
HutchCC College Algebra	0.5	11-12	See Description
HutchCC Plane Trigonometry	0.5	11-12	See Description
Trigonometry	0.5	11-12	Algebra 2A and 2B
Algebra 2A and 2B	1.0	11-12	Geometry A and B
Algebra 3	0.5	11-12	Algebra 2A and 2B
AP Calculus A/B	1.0	12	Algebra 3 and Trig
AP Statistics A/B	0.5	12	Algebra 2A and 2B

Mathematics

If the student passes Algebra 1, Geometry and Algebra 2, then they are eligible to take college level classes for dual credit.

Math - Course Descriptions**02052 ALGEBRA 1A and 1B – 1 unit of credit**

Grades: 9-10

Description: This course is a study in the areas of: variables, function patterns, rational numbers, solving equations and inequalities, relating graphs and functions, solving systems of equations and inequalities, exponents and exponential functions, polynomials and factoring, quadratic equations and functions, radical expressions and equations, rational expressions and functions.

02056 ALGEBRA 2A AND 2B – 1 unit of credit

Prerequisite: GEOMETRY A AND B

Grades: 11-12

Description: This course is a study in the areas of: functions, equations, and graphs, linear systems, matrices, quadratic equations and functions, polynomials and polynomial functions, rational exponents and radical functions, exponential and logarithmic functions, rational function, quadratic relations and conic sections, sequences and series, probability and statistics, periodic functions and trigonometry, trigonometric identities and equations.

02057 ALGEBRA 3 – ½ unit of credit

Grades: 11-12

Prerequisite: ALGEBRA 2A AND 2B

Description: Algebra III courses review and extend algebraic concepts for students who have already taken Algebra II. Course topics include (but are not limited to) operations with rational and irrational expressions, factoring of rational expressions, linear equations and inequalities, quadratic equations, solving systems of linear and quadratic equations, properties of higher degree equations, and operations with rational and irrational exponents. The courses may introduce topics in discrete math, elementary probability and statistics; matrices and determinants; and sequences and series.

02124 AP CALCULUS A AND B – 1 unit of credit

Grades: 11-12

Prerequisite: Algebra 3 and Trigonometry

Description: Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP Calculus AB provides students with an understanding of the concepts of calculus and experience with its methods and applications. These courses introduce calculus and include the following topics: functions, graphs, limits, and continuity; differential calculus (including definition, application, and computation of the derivative; derivative at a point; derivative as a function; and second derivatives); and integral calculus (including definite integrals and anti-differentiation).

02203 AP STATISTICS A and B – 1 unit of credit

Grades: 11-12

Prerequisite: Algebra 2A and 2B

Description: Following the College Board’s suggested curriculum designed to parallel college-level statistics courses, AP Statistics courses introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference.

02072 GEOMETRY A and B – 1 unit of credit

Prerequisite: ALGEBRA 1A AND 1B or placement test

Grades: 10

Description: This course is a study in the areas of: reasoning and proof, parallel and perpendicular lines, congruent triangles, relationship within triangles, quadrilaterals, similarity, right triangles and trigonometry, transformations, area, surface area, volume and circles.

02069 HutchCC COLLEGE ALGEBRA (MA106) – ½ unit of credit

Grades: 11-12

PREREQUISITE: ACCUPLACER NextGen Math test score of 263 or above OR ACT Math Score of 21 OR a High School Cumulative GPA of 3.5 or better, OR a grade of “C” or better in Intermediate Algebra (MA 105) or equivalent, or a Compass score of 76 or greater.

Description: Topics covered include theory of equations, inequalities, functions, complex numbers, systems of equations, and inequalities, graphing, matrices, and conic sections. A graphing calculator is required.

02103HCC HutchCC PLANE TRIGONOMETRY (MA107)– ½ unit of credit

Required: 3 Credits of Math required for Graduation

Grades: 11-12

PREREQUISITE: MA106 College Algebra with a grade of C or higher, or ACT Math Score of 23 to 36.

Description: The six trigonometric functions and their inverses with emphasis on basic formulas and identities, solution of right and oblique triangles.

02053 PRE-ALGEBRA A and B – 1 unit of credit

Grades: 9 (selected by Math Department)

Description: (Designed for those students who struggled with algebraic concepts in the 8th grade. Limited to students identified by math teachers.) This course is a study in the areas of: the relationships between quantities, reasoning with equations, linear and exponential relationships, expressions, equations, systems of equations and inequalities, and functions. Supplemental topics will be added to support the understanding of algebraic concepts.

02103 TRIGONOMETRY – ½ unit of credit

Grades: 11-12

Prerequisite: Algebra 2A and 2B

Description: Trigonometry courses prepare students for eventual work in calculus and typically include the following topics: trigonometric and circular functions; their inverses and graphs; relations among the parts of a triangle; trigonometric identities and equations; solutions of right and oblique triangles; and complex numbers.

NON-DEPARTMENT**Non-Department**

<i>Course Title</i>	<i>Credit</i>	<i>Grade</i>	<i>Prerequisite</i>
Teacher Aide	0.5	11-12	<i>Must be responsible & trustworthy.</i>
Library Aide	0.5	11-12	<i>Must be responsible & trustworthy.</i>

Non-Department - Course Descriptions**22995 TEACHER AIDE – ½ unit of credit**

Required: No. Elective Credit

Prerequisite: 3.25 GPA and/or Administrative Approval

Grades: 11-12

Description: Teacher aides will be assigned to a teacher and will be expected to work for that teacher. Computer skills are helpful but not required. Students must be responsible and trustworthy.

22995 LIBRARY AIDE – ½ unit of credit

Required: No. Elective Credit

Prerequisite: 3.25 GPA and/or Administrative Approval

Grades: 11-12

Description: Library aides will be assigned to the library and will be expected to check out and return books from students, shelve books, help students find books or reference material. Students should know the library policies and material. Students must be responsible and trustworthy.

SCIENCE**Science Classes****3 Credits of Science Required for Graduation**

<i>Course Title</i>	<i>Credit</i>	<i>Grade</i>	<i>Prerequisite</i>
<i>Physical Science</i>	0.5	9-11	None
<i>Biology 1A & 1B</i>	1.0	9-11	None
<i>Intro to Chemistry</i>	0.5	9-11	None
<i>Anatomy & Physiology A & B</i>	1.0	10-12	<i>Biology 1A & 1B</i>
<i>Chemistry A & B</i>	1.0	10-12	<i>Intro to Chem and/or Biology 1A & 1B</i>
<i>Geology</i>	0.5	10-12	None
<i>Meteorology</i>	0.5	10-12	None
<i>Physics A & B</i>	1.0	11-12	<i>Must have passed both Physical Science & Biology with a C or Better and have passed both Algebra & Geometry</i>

Science - Course Descriptions**03053 Anatomy and Physiology A & B – 1 unit of credit****Grades:** 10-12**Prerequisite:** Biology 1A & 1B**Pathway:** Technical Level in Health Science Pathway

Description: Students may be concurrently enrolled in these classes and Earth and Space Science. Sophomores must have passed Biology 1A and 1B with a B or higher. This course covers all the information necessary for a general understanding of the structure and function of the human body. Information will be gained through lectures, research, special projects, and labs, including dissections.

03051 Biology 1A and 1B – 1 unit of credit

Grades: 9-11

Prerequisite: Sophomores and Freshmen who have scored well enough on the 8th-grade placement test. Required for graduation.

Pathway: Introductory Level class in Health Science Pathway

Description: This is a year-long course. A fundamental background will be profiled in the areas of ecology, cellular biology, and genetics. Lecture and laboratory techniques will be used appropriately throughout the year.

03101 Chemistry A & B – 1 unit of credit

Grades: 10-12

Prerequisite: Intro to Chemistry, Sophomores and up

Pathway: Introductory Level class in Health Science Pathway and Biochemistry Pathway

Description: Students may be concurrently enrolled in this class and/or Physics and/or Anatomy and Physiology. This course is organized around the central themes of structure and properties of matter; chemical reactions; nuclear process; conservation of mass and energy transfer. (Note: Chemistry and Physics may be offered in alternating years or at the same time as needed.)

03002 Geology – ½ unit of credit

Grades: 10-12

Description: Course is an introductory study of earth and earth processes. Topics include rocks and minerals, mountain building, and plate tectonics – including earthquakes and volcanoes.

03101I Intro to Chemistry – ½ unit of credit

Grades: 9-11

Description: Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gasses; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations and nuclear reactions are also studied.

03006 Meteorology – ½ unit of credit

Grades: 10-12

Description: Course is an introduction to weather, climate, and atmosphere. Topics covered include formations of storms, what determines climates, and other phenomena.

03159 Physical Science – ½ unit of credit

Required: 3 Credits of Science required for Graduation

Grades: 9-11

Description: Course is an introductory study of physics based on motion and forces. Concepts covered include velocity, acceleration, Newton's three laws focusing on forces and how they affect motion and types of energy.

03151 Physics A and B – 1 unit of credit

Required: 3 Credits of Science required for Graduation

Grades: 11-12

Prerequisite: Algebra 2 or enrolled in Algebra 2

Description: Physics is the study of energy, work, and forces that we observe in our daily lives. Lab work starts early and is done often. The use of computer technology is incorporated into the class. Students will be made aware of the physical laws that are fundamental to all the sciences. Velocity, acceleration, momentum, inertia, energy, and its conservation will be covered.

PHYSICAL EDUCATION/HEALTH

Physical Education/Health

1 Credit of PE/Health Required for Graduation

<i>Course Title</i>	<i>Credit</i>	<i>Grade</i>	<i>Prerequisite</i>
Fitness & Conditioning	0.5	9-12	
Health	0.5	10	
Lifetime Sports	1.0	9-12	
Weight Training	1.0	9-12	

Physical Education/Health - Course Descriptions

08005 FITNESS AND CONDITIONING – ½ unit of credit

Grades: 9-12

Description: Fitness/Conditioning Activities courses emphasize conditioning activities that help develop muscular strength, flexibility, and cardiovascular fitness. This class is primarily for in-season athletes.

08051 HEALTH – ½ unit of credit

Required: Yes for Graduation.

Grades: 10

Description: The purpose of this course is to provide the student an opportunity to acquire the knowledge and skills necessary to make intelligent decisions concerning health, wellness, physical fitness and recreational pursuits. Health class will cover areas of mental health, human sexuality, social health, substance abuse, communicable and non-communicable diseases.

08003 LIFETIME SPORTS – ½ unit of credit

Grades: 9-12

Description: An elective co-ed class that will include a combination of skill work and playing time in a variety of individual and team sports and activities. Activities will include the following: Indoor soccer, pickle ball, badminton, tennis, flag football, basketball, volleyball, capture the flag, team

handball, kick ball. Students are required to have appropriate athletic clothing/shoes for the class. Weightlifting and Physical training will be included in this class.

08009 WEIGHT TRAINING – ½ unit of credit

Grades: 9-12

Description: Students will be exposed to proper lifting and spotting techniques. As well as warm-up and stretching activities to promote improved flexibility. May also participate in agility drills, plyometrics, and cardiovascular fitness. Students are required to have appropriate athletic shoes/clothing.

PRACTICAL ARTS**Practical Arts - Course Descriptions****All Classes are Electives**

<i>Course Title</i>	<i>Credit</i>	<i>Grade</i>	<i>Prerequisite</i>
Carpentry A and B	0.5	9-12	Practical Arts Woods/Skilled Mech. Crafts
Intro. to Industrial Tech.	0.5	8-12	
Introduction to Welding	0.5	9-12	Intro. to Industrial Tech.
Practical Arts Woods	0.5	9-12	
Skilled Mechanical Crafts	0.5	9-12	
Drafting / CAD A	0.5	10-12	Practical Arts Woods/Skilled Mech. Crafts
Drafting / CAD B	0.5	10-12	Drafting / CAD A
Small Gas Engines	0.5	10-12	Intro to Industrial Tech
Building Maintenance	0.5	11-12	Practical Arts Woods/Skilled Mech. Crafts
Furniture & Cabinetry Fab. A	0.5	11-12	Woodworking Principles A and B
Furniture & Cabinetry Fab. B	0.5	11-12	Woodworking Principles A and B
Res. & Design for Pre-Con A	0.5	11-12	Drafting / CAD B
Res. & Design for Pre-Con B	0.5	11-12	Res. & Des. for Pre-Construct. A 1A
Welding Processes 1A	0.5	11-12	Introduction to Welding
Welding Processes 1B	0.5	11-12	Production Welding Processes 1A
Welding Processes 2A	0.5	11-12	Welding Processes 1B
Welding Processes 2B	0.5	11-12	Welding Processes 2A
Woodworking Principles A	0.5	11-12	Carpentry A and B
Woodworking Principles B	0.5	11-12	Carpentry A and B

Practical Arts - Course Descriptions

17009 BUILDING MAINTENANCE – ½ unit of credit

Prerequisite: Carpentry A and B

Grades: 11-12

Description: Building Maintenance courses train students to maintain commercial, industrial, and residential buildings and homes. Instruction is provided in the basic maintenance and repair of plumbing, electrical, and other mechanical systems. Topics covered may include identifying and using hand and power tools safely, installing and repairing floor coverings, walls, and ceilings; installing and repairing doors, windows, screens, and cabinets; applying finishes to prepared surfaces; and repairing roofs, masonry, plumbing, and electrical systems.

17002 CARPENTRY A and B (Woods I and II) - ½ unit of credit each

Prerequisite: Practical Arts - Woods

Grades: 9-12

Pathway: Technical Level course in Construction Pathway

Description: This second class in woods will teach the student in the construction of a drawer and a door for furniture. The project is a nightstand the student will take home. This takes one semester to complete.

21107A DRAFTING / CAD A (Auto CAD I) - ½ unit of credit

Prerequisite: Practical Arts - Woods

Grades: 10-12

Pathway: Technical level course in Construction & Design Pathway

Description: The class is a broad study of information and techniques necessary to provide the student skill, accomplishment, and thorough understanding of mechanical drawing. Various types of drawing including orthographic, auxiliary, sectional, pattern development, revolutions and simple perspectives of practical problems encountered in industry are covered. Students receive an introduction to the basic Auto CAD commands.

21107B DRAFTING / CAD B (Auto CAD II) - ½ unit of credit

Prerequisite: Drafting / CAD A

Grades: 10-12

Pathway: Technical level course in Construction and Design Pathway

Description: An in depth study of solid molding (3d drawing). Independent study of special projects and research new areas of interest.

38007 FURNITURE and CABINERY FABRICATION A and B – ½ unit of credit each

Prerequisite: Woodworking Principles A and B

Grades: 11-12

Note: This class may be taken for credit more than once.

Pathway: Application level course in Construction Pathway

Description: Students will be able to safely use all of the woodworking machines in the shop. They will be able to build a more complex project than in the previous classes. A study of the types of lumber, plywood and the hardware used in woodworking is included. Students will be required to make a cabinet for someone else, usually a teacher in the school. After the completion of the cabinet students may construct an independent project. **Fees for this class are determined by the project selection. Students will be expected to plan and pay for their projects during the first week of class.**

38001 INTRO TO INDUSTRIAL TECH. – ½ unit of credit

Grades: 8-12

Pathway: Introductory level course in Architecture and Construction Pathway

Description: Construction Career Exploration courses expose students to the opportunities available in construction-related trades, such as carpentry, masonry, air conditioning/refrigeration, plumbing, and so on. Students learn about the processes involved in construction projects and may engage in a variety of small projects. These courses emphasize responsibilities, qualifications, work environment, rewards, and career paths within construction-related fields.

13207 INTRODUCTION TO WELDING – ½ Unit of credit

Grades: 9-12

Pathway: Introductory level course in Production Pathway

Description: Welding courses enable students to gain knowledge of the properties, uses, and applications of various metals, skills in various processes used to join and cut metals (such as oxyacetylene, shielded metal, metal inert gas, and tungsten arc processes), and experience in identifying, selecting, and rating appropriate techniques. Welding courses often include instruction in interpreting blueprints or other types of specifications.

21109 RESEARCH & DESIGN FOR PRE-CONSTRUCTION A & B (Advanced Auto CAD A&B) - 1 unit of credit

Prerequisite: Drafting / CAD B

Grades: 11-12

Pathway: Application level course in Construction and Design Pathway

Description: This is a continuation of Auto CAD I. Primary emphasis is placed on architectural drawings. Computer aided drawing, (Auto CAD 2006 and Chief Architect) will be used as much as possible.

17062 SKILLED MECHANICAL CRAFTS -½ unit of credit

Grades: 9-12

Pathway: Technical Level course in Construction Pathway

Description: A course to introduce students to the basic skills necessary for occupations in skilled mechanical crafts (construction, carpentry).

20109SGE SMALL GAS ENGINES -½ unit of credit

Prerequisite: Intro to Industrial Tech.

Grades: 10-12

Pathway: Introductory Level in Construction & Design Pathway & Manufacturing Pathway

Description: Small Vehicle Mechanics courses equip students with the knowledge and skill to repair and maintain engines in small vehicles (e.g., motorcycles, all-terrain vehicles, snowmobiles, and mopeds). Topics include (but are not limited to) maintaining frames and suspension, wheels and brakes, and drive trains; servicing fuel, exhaust, and electrical systems; performing tune-ups; and maintaining and repairing engines. Students may also learn safety on the job, employability skills, and entrepreneurship.

39207 WELDING PROCESSES 1A - ½ unit of credit

Prerequisite: Introduction to Welding

Grades: 10-12

Pathway: Technical level course in Production Pathway

Description: A comprehensive course designed to provide students with knowledge and skills in basic welding theories and terminology, to perform Oxy-fuel and Arc Welding activities in the F & H positions, and to perform Non-destructive testing activities.

39207 WELDING PROCESSES 1B - ½ unit of credit

Prerequisite: Welding Processes 1A

Grades: 10-12

Pathway: Technical level course in Production Pathway

Description: This class is a continuation of Production Welding 1A covering the fundamentals of working with metal.

39208 WELDING PROCESSES 2A - ½ unit of credit

Prerequisite: Welding Processes 1B

Grades: 11-12

Pathway: Application level course in the Production Pathway

Description: An application level course designed to instruct students in the knowledge and skills needed for solving fabrication problems, to weld joints in the V & OH positions, and perform Plasma cutting.

39208 WELDING PROCESSES 2B – ½ unit of credit

Prerequisite: Welding Processes 2A

Grades: 11-12

Pathway: Application level course in the Production Pathway

Description: An application level course designed to instruct students in the knowledge and skills needed for solving fabrication problems, to weld joints in the V & OH positions, and perform Plasma cutting.

17007 WOODWORKING PRINCIPLES A & B (Project Woods A & B)-½ unit of credit each

Prerequisite: Carpentry A and B

Grades: 11-12

Pathway: Technical Level course in Construction Pathway

Description: This is a semester class where the student will identify an independent project they will make. Students will have several notebooks of projects to pick from including things like, but not limited to, a jewelry box, baseball bat, bowl or vase, pen, clothes, hamper, dresser, table, vanity, letter box, outdoor furniture, CD holder, cedar chest and many more. This class may be taken for credit more than once. **Fees for this class are determined by project selection.**

SOCIAL SCIENCE**Social Science Courses****3 Credits of Social Science Required for Graduation**

Course Title	Credit	Grade	Prerequisite
<i>World Geography</i>	.5	9	<i>None</i>
<i>Business Economics</i>	.5	9-12	<i>None</i>
<i>World History A</i>	.5	10	<i>None</i>
<i>World History B</i>	.5	10	<i>None</i>
<i>Psychology</i>	.5	10-12	<i>None</i>
<i>U.S. History A and B</i>	1	11	<i>None</i>
<i>Government Fundamentals</i>	.5	11-12	<i>None</i>
<i>HutchCC General Psychology</i>	.5	11-12	<i>None</i>
<i>American Government</i>	.5	12	<i>None</i>

Social Science - Course Descriptions**04151 AMERICAN GOVERNMENT – ½ unit of credit****Grades:** 12**Description:** This course is a study of the American System of Government. It includes a study of the constitution, the three branches of government, political parties, the election process and the responsibilities of citizens in a democratic society.**12105 BUSINESS ECONOMICS – ½ unit of credit****Grades:** 9-12**Pathway:** **Technical level course in the Marketing Pathway (Accepted by KBOR as Qualified admissions – Social Science)****Description:** Business Economics courses integrate economic principles (such as free market economy, consumerism, and the role of American government within the economic system) with entrepreneurship/business concepts (such as marketing principles, business law, and risk).

43105 GOVERNMENT FUNDAMENTALS – ½ unit of credit

Grades: 11-12

Pathway: Technical level course in the Government and Public Administration Pathway

Description: This course will look at meeting the needs of the U.S. culture through positions within Government and Public Administration. Topics will include the role of government in providing services for the US population, the impact of the US on other nations as well as the impact of other nations on the US, and the professional traits required of those in this field. In addition, it will look at the problem solving and critical thinking processes, and leadership and teamwork practices.

04254HCC HutchCC General Psychology – ½ unit of credit

Grades: 11-12

Description: A survey of the fundamental principles of behavior including physiological, perceptual, historical, methodological, learning, memory, development, motivational, emotional, social and applied perspectives.

04254 PSYCHOLOGY - ½ unit of credit

Grades: 10-12

Description: Psychology is the study of human behavior, the effect of heredity and environment on such behavior and the role of human behavior in emotions, learning, reasoning and intelligence.

04103 U.S. HISTORY A and B – 1 unit of credit

Grades: 11

Description: This is a survey course covering the years 1900 to the present. The courses are organized to give students a chronological history of society in the United States. Topics included are Western expansion, Populism, Progressivism, World Wars I and II, the 1920's, the Cold War years, the 1960's, war in Vietnam, and Modern Times (1980-present).

04001 WORLD GEOGRAPHY – ½ unit of credit

Grades: 9

Description: This course is a survey course of world geography. We will emphasize the six key elements of Geography: The World in Spatial Terms; Places and Regions; Physical Systems; Human Systems; Environment and Society and Uses of Geography. The class will emphasize cultural studies, but will also include map skills.

04053 WORLD HISTORY A – ½ unit of credit

Grades: 10

Description: The World History course covers the time period from around 1300 C.E. through the late 1400s. The course will cover intellectual trends, revolutionary movements, social interactions, political ideologies, economic theories, and geographical impacts. Students will focus on critical events, people, and turning points during these centuries.

04053B WORLD HISTORY B – ½ unit of credit

Grades: 10

Description: The World History course covers the time period from around 1500s to modern day. The course will cover intellectual trends, revolutionary movements, social interactions, political ideologies, economic theories, and geographical impacts. Students will focus on critical events, people, and turning points during these centuries including the Renaissance, imperialism, and twentieth-century issues.