

2012-2013



Sioux City Community Schools

believe... achieve... succeed

**East
High**

**North
High**

**West
High**

Educational Planning Handbook



believe... achieve... succeed

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627 4th Street
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West High School

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SIoux CITY COMMUNITY SCHOOL DISTRICT

MISSION

BELIEVE . . . ACHIEVE . . . SUCCEED

The Sioux City Community School District exists to educate students to *believe* in their talents and skills, *achieve* academic excellence, and *succeed* in reaching their potential.

EXIT LEVEL INTENTIONS

AS A RESULT OF THEIR EDUCATION, ALL GRADUATES WILL BE:

Effective Communicators, who read, write, listen and respond to the messages and ideas of others, who generate ideas and relate information in various contexts, and who demonstrate fluency in written and oral English.

Collaborative Individuals, who use reasonable social, group, and leadership skills to develop and manage interpersonal relationships within a variety of cultural and organizational settings.

Problem Solvers, who identify problems, use strategies, and apply mathematical, logical, critical and creative reasoning to solve problems and make responsible decisions.

Technological Practitioners, who use advanced technologies, including but not limited to the computer, to create, access, integrate and use information in a variety of contexts.

Resourceful/Goal-Oriented Learners, who create a positive vision for themselves and their future, view themselves as lifelong learners, set priorities and achievable goals, create options for themselves, monitor and evaluate their progress.

Quality Workers, who demonstrate a strong work ethic and create and/or appreciate intellectual, artistic, practical and physical services or products which reflect originality and high standards.

Life Managers, who demonstrate the motivation and skills necessary to persevere, make wise decisions, and accept responsibility for actions that contribute to self and society.

INTRODUCTION TO STUDENTS AND PARENTS

Selecting courses for the school year is a process which involves the student, parent, counselor and instructor. Course selection should be based upon future career goals and post-secondary educational plans. Students are encouraged to familiarize themselves with available courses, graduation requirements and the registration process. Challenging courses are available to meet the needs of all students. All courses listed in this course guide may not be offered during any given year. If the course does not meet minimum enrollment requirements, it may be omitted from the schedule. Registration information sessions will be scheduled at each high school to help you plan your high school course of study.

Graduation Requirements

- Language Arts** **8 credits**
2 credits of English I or Honors English I
2 credits of English II or Honors English II
2 credits of English III or Contemporary Literature & Composition or Honors English III
2 credits of Language Arts Support I, II, III, English IV,
AP Literature & Composition, or English Composition I & II
- Math** **6 credits**
2 credits of Math must include Algebra I
4 additional Mathematics electives
- Science** **6 credits**
2 credits of Science must include Biology or Physics
4 additional Science electives
- Social Studies** **6 credits**
2 credits of American History (state required)
2 credits of World History
1 credit of American Government (state required)
1 credit of Economics
- Fine Arts** **2 credits**
These credits must be earned from two different areas: Music, Visual Arts, Dance, Theatre/Drama, or Humanities. Design Strategies and Graphic Design I may be taken as the second credit in Fine Arts if Art I-2D (course 101) has been successfully completed.
- Health, Health Sciences, or Individuals and Families** **1 credit**
The following courses meet this requirement:
Health I (Health)
Health Science I (Health)
Individuals & Families (FACS)
- Physical Education Required Each Semester According to Board Policy 602.11.**
Students must successfully complete (pass and earn credit) for a physical education course during each semester of enrollment during high school. Board Policy 602.11 outlines exceptions and exemptions to this requirement.

Total Credits Required = 44

Capstone Credit

The following courses will be graded on a five-point grading scale:

Calculus I & II	Calculus w/Analytical Geometry	Advanced Calculus
Physics II	Human Biology	All AP Courses

Grade Point Average Calculation

The method of computation for the weighted grade point average will be based on the GPA Plus formula beginning with the freshman class of 2011. (Board Policy AR605.4)

High School Courses Taken During Middle School

High school classes taken during middle school will be counted as high school credit toward graduation but will not be computed into the high school grade point average. (Board Policy AR605.4)

Guideways to Career Exploration

The Importance of Course Selection

The middle and high school years are viewed as a critical time that can determine the student's future. Every spring, thousands of students make very important career choices when they register for next year's classes. Many times these choices are made without much thought for the future, or the student's intentions or aspirations. Each time a student selects a high school subject, he/she opens the door to a career opportunity. The courses selected in school provide the educational foundation to build occupational or career choices.

I Have a Plan Iowa

First launched in August, 2009, [IHaveaPlanIowa](http://www.IHaveaPlanIowa.gov) was established by the Iowa College Student Aid Commission in partnership with the Iowa Department of Education and Iowa Workforce Development to help students transition through middle school, high school, college and beyond, as well as provide tools for adults seeking education and employment opportunities.

Iowa's new statewide community web portal, www.IHaveaPlanIowa.gov provides free access, information and resources for all Iowans seeking assistance with career and college planning, financial aid, college admissions, national, state and local scholarships, free ACT, SAT, and GRE test preparation, as well as Iowa employment opportunities. By providing a community web portal that incorporates resources for students, parents, adult learners, and job seekers, [IHaveaPlanIowa.gov](http://www.IHaveaPlanIowa.gov) encourages individuals to discover their strengths and interests that can lead to fulfilling educational and career opportunities. [IHaveaPlanIowa.gov](http://www.IHaveaPlanIowa.gov) helps individuals reach their educational and career goals by planning for their futures today.

[IHaveaPlanIowa.gov](http://www.IHaveaPlanIowa.gov) includes many useful features that help individuals:

- ◆ Discover their strengths and interests.
- ◆ Match interests, values and skills with education and employment opportunities.
- ◆ Prepare for the ACT, SAT or GRE college entrance tests through free test preparation.
- ◆ Explore programs and majors at Iowa's colleges and universities.
- ◆ Research financial aid and scholarship options.
- ◆ Build resumes and practice for job interviews.
- ◆ Track activities from middle school through high school, college and beyond.

High School Internships are available for juniors and seniors who are interested in participating in career experiences during high school. Students are able to earn academic credit while exploring careers in all Career Pathways. Internship assignments are arranged in conjunction with the school counselor.

Physical Education Exemption

The physical education program is to provide opportunities and resources for students to acquire knowledge, discipline, and skills to develop physical fitness, holistic wellness, and a vigorous, healthy lifestyle. All students physically able shall be required to participate in the program for a minimum of one-eighth unit during each semester they are enrolled except as otherwise provided in this paragraph. A twelfth-grade student may be excused from this requirement by the Principal of the school in which the student is enrolled under one of the following circumstances:

1. The student is enrolled in a cooperative, work-study, or other educational program authorized by the school, which requires the student's absence from the school premises during the school day.
2. The student is enrolled in academic courses not otherwise available.
3. An organized and supervised athletic program which requires at least as much time of participation per week as one-eighth unit of physical education. One-eighth unit per semester equals 900 minutes of physical education per semester for each physically able student enrolled. Only when participation in an organized and supervised athletic program equals 900 minutes during a semester may a senior be excused from physical education for that semester. For purposes of this section, an organized and supervised athletic program is one that is sponsored by the school or school district and employs licensed and appropriately endorsed staff. To qualify as organized and supervised athletic programs, for example, cheerleading squads, dance squads, and show choirs must be supervised by licensed employees or those with coaching endorsements.
4. Students in grades nine through eleven may be excused from the physical education requirement in order to enroll in academic courses not otherwise available to the student, subject to review of the Superintendent's designee. (Board Policy 602.11)
5. Students in grades kindergarten through twelve shall be considered physically able unless otherwise determined by a physician. If a student is diagnosed physically unable to participate in the physical education program, he/she shall submit written documentation signed by the attending physician that he/she is physically unable to participate. This documentation shall include the beginning and ending dates of nonparticipation. This documentation shall be returned to the school counselor and filed in the school nurse's office.

A student shall not be required to meet the requirements of this policy if the student's parent or guardian files a written statement with the school counselor that the requirement conflicts with the student's religious beliefs. This statement shall be filed in the counseling office. To comply with the Healthy Kids Act, the district will form an agreement with the student and his/her family to meet the required minutes per week that students are engaged in physical activity. (Board Policy AR602.11)

Human Growth & Development Exemption

The Sioux City Community School District provides instruction in human growth and development. The topics include a) self-esteem, responsible decision making, and personal responsibility and goal setting; b) interpersonal relationships; c) discouragement of acquired immune deficiency syndrome, premarital adolescent sexual activity; d) family life and parenting skills; e) human sexuality, reproduction, contraception and family planning, prenatal development including awareness of mental retardation and its prevention, childbirth, adoption, available prenatal and postnatal support, and male and female responsibility; f) sex stereotypes; g) behaviors to prevent sexual abuse or sexual harassment; h) sexually transmitted diseases and their causes and prevention; i) substance abuse treatment and prevention; j) suicide prevention; and k) stress management. The human growth and development topics are taught in health classes as well as infused into many subject areas.

Parents are encouraged to examine the textbooks and educational materials, which are used at school. Your school principal will be happy to arrange an appointment so that you have the opportunity to become familiar with the curriculum in any subject area. Parents may have their children excused from the human growth and development classes by completing the Human Growth and Development Non-Participation form, which is available in the principal's office.

GRADUATION REQUIREMENTS FOR SPECIAL EDUCATION STUDENTS

Graduation requirements for special education students will be in accordance with the prescribed course of study as described in their Individualized Education Program (IEP). Prior to the student's graduation, the IEP team shall determine that the graduation requirements have been met. Upon successful completion of the prescribed courses of study, students with disabilities will enjoy the same ceremonial activities as any other student. The District shall issue to special education students the same certificate of diploma as granted to other students.

EARLY GRADUATION

Students may graduate prior to the completion of grade 12 if all course work required for graduation has been fulfilled as stated in Board Policy 605.4. In addition:

- ◇ Students and their parents should review the advantages and disadvantages of early graduation with consideration given to dual enrollment in a post-secondary program during the senior year.
- ◇ Written approval from a parent or guardian is required.
- ◇ Approval must be granted by the counselor and the principal.
- ◇ A student who takes early graduation forfeits his/her eligibility to participate in all school-sponsored or sanctioned activities after the semester that the student leaves school.

FULL-TIME STUDENT

In order to be considered a full-time general education student in the Sioux City Community School District, each student shall schedule a minimum of five academic courses (credits) per semester. Physical education shall not be included as one of the five courses. Courses designated as *Post Secondary Enrollment Option or 28E* may be scheduled as part of the required five academic high school credits defining a full-time student. Students have the right to appeal the full-time student board policy to the Principal and to the Superintendent or his/her designee. (SCCSD Board Policy 684.06)

TRANSFER OF COURSE WORK

Transfer grades from other districts presented on an official transcript will be evaluated by the building principal or his/her designee and assigned appropriate credit based on merit. The student's transcript will be matched to the Sioux City Community School District's graduation requirements.

Home school credits will be accepted through the third year of high school. An official transcript from the accredited home school program must be submitted to the high school principal for evaluation.

Transfer students must successfully complete (pass and earn credit) five credits during the last semester of high school to earn a diploma from a Sioux City Community School District high school.

COLLEGE PREPARATORY CURRICULUM

Students should plan a program that will satisfy their interests and prepare them for further education and employment. Completion of the following program will assist students in meeting the admission requirements at most four-year colleges and universities, including all three Iowa public universities:

Language Arts	8 credits
Math	6 - 8 credits (must include Algebra I, Geometry, & Algebra II)
Science	6 - 8 credits
Social Studies	6 - 8 credits
Foreign Language	4 - 8 credits of the same foreign language for admission (8 credits of the same language may be needed to satisfy the college graduation requirements.)

Some colleges require fine arts and/or technology credits. Check with your post-secondary institution for specific admission requirements.

**High School Course Requirements
Iowa Board of Regents Admission Index**

Subject Area	The University of Northern Iowa	University of Iowa	Iowa State University
English / Language Arts	Four years, including one year of composition; also may include one year of speech, communication, or journalism.	Four years with an emphasis on the analysis and interpretation of literature, composition, and speech.	Four years of English/Language Arts emphasizing writing, speaking, and reading, as well as an understanding and appreciation of literature.
Math	Three years, including the equivalent of algebra, geometry and advanced algebra.	Three years, including two years of algebra and one year of geometry for admission to the College of Liberal Arts and Sciences. Four years, including two years of algebra, one year of geometry and one year of higher mathematics (trigonometry, analysis or calculus), for admission to the College of Engineering.	Three years, including one year each of algebra, geometry, and advanced algebra.
Natural Science	Three years, including courses in general science, biology, chemistry, earth science, or physics; laboratory experience highly recommended	Three years including one year each from any two of the following: biology, chemistry, and physics for admission to the College of Liberal Arts and Sciences. Three years, including at least one year of chemistry and one year of physics, for admission to the College of Engineering.	Three years, including one year each from any two of the following: biology, chemistry, and physics.
Social Science	Three years, including courses in anthropology, economics, geography, government, history, psychology, or sociology.	Three years with U.S. history and world history recommended for admission to the College of Liberal Arts and Sciences. Two years with U.S. history and world history recommended for admission to the College of Engineering.	Two years for admission to the Colleges of Agriculture, Business, Design, Human Sciences and Engineering. Three years for admission to the College of Liberal Arts and Sciences.
Foreign Language	Foreign Language courses are not required for admission. However, two years of a foreign language in high school with a C- or above in the last term will meet the university graduation requirement.	Two years of a single foreign language.	Two years of a single foreign language for admission to the College of Liberal Arts and Sciences and the College of Engineering. Foreign language courses aren't required for admission to the Colleges of Agriculture, Business, Design or Human Sciences.
Other Courses	Two years of additional courses from the required subject areas, foreign languages, or fine arts.	Specific elective courses are not required for admission to the University of Iowa.	Specific elective courses are not required for admission to Iowa State University.

Students from Iowa high Schools planning to begin their studies in Fall 2009 or later must have a Regent Admission Index score of at least 245 and take the minimum number of required high school courses to qualify for automatic admission to Iowa State University, the University of Northern Iowa and the College of Liberal Arts and Sciences at the University of Iowa. Students who achieve a score less than 245 will be considered for admission on an individual basis. The index combines four factors that strongly predict success at regent universities: ACT or SAT test score, high school rank, high school cumulative GPA and the number of completed high school core courses.

Index Formula: $(2 \times \text{ACT composite score}) + (1 \times \text{high school rank}) + (20 \times \text{high school GPA}) + (5 \times \text{number of high school courses completed in the core subject areas}) = \text{Score}$

For more information on your Regent Admission Index visit

www.regents.iowa.gov/RAI/

NCAA Requirements

Many college athletic programs are regulated by the National Collegiate Athletic Association (NCAA), an organization founded in 1906 that has established rules on eligibility, recruiting, and financial aid. The NCAA has three membership divisions: Division I, Division II, and Division III. Colleges and universities are members of a division according to the size and scope of their athletic programs and whether they provide athletic scholarships.

If you are planning to enroll in college and you wish to participate in Division I or Division II athletics as a freshman, you must be certified by the NCAA Initial-Eligibility Clearinghouse. You should apply for certification before graduation if you wish to participate in athletics as a freshman at the post-secondary level. The following information is for students who plan to enroll in any Division I or Division II college or university and participate in the college's athletic programs. NCAA initial eligibility will be evaluated under the rules as described in the following charts.

For more information on NCAA eligibility standards, including GPA, ACT and SAT requirements, call the NCAA Initial-Eligibility Clearinghouse at (877)262-1492 or go to www.ncaaclearinghouse.net.

DIVISION I 16 Core Courses	DIVISION II 14 Core Courses	DIVISION II 16 Core Courses (2013 and After)
4 years of English 3 years of mathematics (Algebra I or higher) 2 years of natural/physical science (1 year of lab if offered by high school) 1 year of additional English, mathematics or natural/physical science 2 years of social science 4 years of additional courses (from any area above, Foreign language or comparative religion/philosophy)	3 years of English 2 years of mathematics (Algebra I or higher) 2 years of natural/physical science (1 year of lab if Offered by the high school) 2 years of additional English, Mathematics or natural/physical science 2 years of social science 3 years of additional courses (from any area above, Foreign language or comparative religion/philosophy)	3 years of English 2 years of mathematics (Algebra I or higher) 2 years of natural/physical science (1 year of lab if offered by high school) 3 years of additional English, mathematics or natural/ physical science 2 years of social science 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy)

PLEASE NOTE: Beginning August 1, 2013, students planning to attend an NCAA Division II institution will be required to complete 16 core courses.

SCHEDULE CHANGES

Schedule changes will normally occur at the beginning of the school year only for the following reasons:
The student completed a course during summer school which is on the student's schedule.
The student must repeat a failed course from a previous year.
There is an error on the student's schedule.

A student who wishes to add a class to his/her schedule for one of the above reasons must do so within the first ten class days of the semester. A student who wishes to drop a class without penalty must do so within the first ten class days of the semester. No class will be dropped to accommodate an added class without the permission of the parent/guardian and the building principal or his/her designee. Students have the right to appeal the drop procedures to the building principal or his/her designee. (SCCSD Board Policy 684.06)

FEE WAIVER NOTIFICATION

Students whose families meet the income guidelines for free and reduced price lunch, the Family Investment Program (FIP), Supplemental Security Income (SSI), transportation assistance under open enrollment, or who are in foster care are eligible to have their student fees waived or partially waived. Students whose families are experiencing a temporary financial difficulty or homelessness may be eligible for a temporary waiver of student fees. Parents or students who believe they may qualify for temporary financial hardship should contact the school bookkeeper/business office for a waiver form. This waiver does not carry over from year to year and must be completed annually.

THE ADVANCED PLACEMENT (AP™) PROGRAM

AP is a program of college-level courses and exams that give high school students the opportunity to receive advanced placement and/or college credit. Students are required to take the AP Exam upon completion of all AP courses in order to earn credits.

COURSE NAME	# HIGH SCHOOL CREDITS	# COLLEGE CREDITS
AP Studio Art	2	3
AP US History	2	3
AP Biology	2	4
AP Chemistry	2	3—6
AP English Literature & Composition	2	3
AP Psychology	2	3
AP Statistics	2	4
AP US Government & Politics	2	3

A minimum score of 3 or 4 on the AP Exam is required to receive college credit. Credit will be accepted as General Education or Elective hours.

POSTSECONDARY ENROLLMENT OPTIONS ACT

The Postsecondary Enrollment Options Act was enacted in 1987 to promote rigorous academic pursuits and to provide a wider variety of options to high school students by enabling them to enroll part time in nonsectarian courses in eligible postsecondary institutions of higher learning in Iowa. Students can earn both high school and postsecondary credit through this program. More information about this program may be obtained by contacting the high school counseling department or the Director of Secondary Education, 712-279-6676.

1. Students must complete an application form that is available in the high school counseling office. The application must be approved by the student's counselor and the Director of Secondary Education. Prior approval is required for each course.
2. Students may not enroll in a postsecondary course when a comparable course is available through the home high school.
3. Summer school postsecondary courses are not included in this program.
4. Transportation will be the responsibility of the student or parent and costs are not reimbursable. Students who drop (after the prescribed time) or fail a postsecondary course must pay all fees themselves. Students who have graduated from high school are not eligible under this act. Receipt of a diploma does not determine when graduation will occur.

DUAL CREDIT

Dual credit refers to successfully completing a course for which the student receives both high school and college credits. This may be a high school course that also carries college credit, or a college course that also carries high school credits, such as those in the Postsecondary Enrollment Options Program. Courses that may be used for dual credit are designated with the notation "Dual Credit Available."

ARTICULATION

Articulation is the process of mutually agreeing upon core competencies and performance levels transferable between institutions and programs for college credit. The purpose of **articulation** is to enable students enrolled in high school courses to transfer to the Community College and receive college credit for the competencies achieved at the high school. Upon course completion, students must check with the instructor to ensure the necessary forms are sent with the high school transcript.

NONDISCRIMINATION POLICY

The Sioux City Community School District is an equal opportunity/affirmative action employer. It is an unfair or discriminatory practice for any educational institution to discriminate on the basis of race, creed, color, sex, sexual orientation, gender identity, national origin, religion, age, disability, socioeconomic status, or veteran status in any program or activity.

Inquiries or grievances regarding compliance of Title VI, Title VII and Title IX of the Civil Rights Act, Section 504 of the Rehabilitation Act, the Americans with Disabilities Act (ADA), Iowa Code sections 216.9 and 19B.11 may be directed to Marilyn Charging, Director of Educational Equity and Student Activities at 627 4th Street, Sioux City, IA 51101, (712) 279-6075.

SIoux CITY COMMUNITY SCHOOL DISTRICT PARENT NOTICE:

SECTION 504 OF THE REHABILITATION ACT OF 1973

Section 504 of the Rehabilitation Act of 1973 prohibits discrimination against persons with a disability in any program receiving federal financial assistance. No discrimination against any person with a disability should knowingly be permitted in any of the programs and practices of the school system.

The Sioux City Community School District has the responsibility under Section 504 to afford access to appropriate educational services to students who are determined to be eligible under Section 504. If the parent or guardian disagrees with the determination made by the professional staff of the school district, he/she has a right to a hearing with an impartial hearing officer.

The Family Educational Rights and Privacy Act (FERPA) also specifies rights related to educational records. This act gives the parent or guardian the right to: 1) inspect or review his/her child's educational records; 2) make copies of these records; 3) receive a list of the individuals having access to those records; 4) ask for an explanation of any item in the records; 5) ask for an amendment to any report on the grounds that it is inaccurate, misleading, or violates the child's rights; and 6) a hearing on the issue if the school refuses to make the amendment.

If there are questions, please feel free to contact the director of educational equity for the Sioux City Community School District, Education Service Center, 627 4th Street.

TALENTED AND GIFTED EDUCATION

In gifted education, a variety of services are offered to meet the diverse needs of students. Programming includes concepts of enrichment, acceleration, guidance, and extended learning experiences. Students are selected for participation based on evidence of need and likelihood of success. Factors that determine what curriculum modifications will best serve the students' educational needs include the students' abilities, interests, and achievements. There are four levels to the selection procedure. Level one is screening or referral. Level two is profile development. Level three is profile assessment and level four is curriculum modifications. Selection instruments include standardized test scores, behavioral inventories, academic inventories and case studies. Parental input is also considered. Neither formal nor informal instruments outweigh one or the other in the selection process. A team approach is used to determine the most appropriate programs/services for students. Students who participated in TAG programming in the middle school are encouraged to continue taking honors and advanced placement courses in high school. Each year the students' personalized education plans are subject to review by the team. Questions that are answered in the review include:

- Are the students meeting the standards and benchmarks?
- Are the current curricular modifications appropriate?

For more information on services provided in gifted education, parents and students are encouraged to visit with their teacher, counselor or principal or call the office of gifted education – 279-6839.

CAREER CLUSTERS & PATHWAYS

CAREER CLUSTER	PATHWAY	WITCC #	SCCSD #	COURSE TITLE	WITCC CREDIT	SCCSD CREDIT	PAGE
Architecture & Construction	Construction	CON-136	9005	Intro to Construction	1	1	
		CON-204	9006	Basic Framing Techniques	4	1	
		CON-209	9007	Intro to Drywall	3	1	
Arts, Audio / Video Technology & Communications	Graphic Design	GRA-252	9657	Dreamweaver	3	1	
		ART-186	9658	Digital Photography	2	1	
Business Management & Administration	Business Information Technology	BUS-102	B600	Intro to Business	3	1	
		MGT-101	B601	Principles of Management	3	1	
Education & Training	Education	EDU-210	8600	Foundations of Education	2	1	
		EDU-120	8601	Communication, Ethics, and Confidentiality	3	1	
Health Science	Therapeutic Services	BIO-169	7600	Human Anatomy & Physiology I	4	1	
		BIO-174	7620	Human Anatomy & Physiology II	4	1	
Information Technology	Network Systems	NET-161	9661	IT Essentials PC Hardware & Software	4	1	
		NET-162	9662	IT Essentials Advanced PC Hardware & Software	3	1	
Law, Public Safety, Corrections & Security	Police Science	CRJ-100	8603	Introduction to Criminal Justice	3	1	
		CRJ-101	8609	Ethics in Criminal Justice	3	1	
Manufacturing	Welding	WEL-120	9623	Fuel Welding & Cutting	2	1	
		WEL-147	9624	ARC Welding	3	1	
		WEL-186	9611	GMAW (Gas-Metal-ARC Welding)	4	1	
		WEL-148	9625	Intermediate ARC Welding	3	1	

COLLEGE CREDIT FOR HIGH SCHOOL COURSES

High School Course Title	High School	College / College Course #	College Course Title	College Credit
Human Biology	1	Briar Cliff University / BIO-102 & BIO-102L	Human Biology Human Biology-Lab	3 1
Physics II	2	Morningside College / PHYS-201 PHYS-202	General Physics I General Physics II	4 4
Human Anatomy & Physiology I & II	2	WITCC / BIO-169 BIO-174	Human Anatomy & Physiology I Human Anatomy & Physiology II	4 4
Western Civilization I	1	WITCC / HIS-110	Western Civilization: Ancient To Early Modern	3
US History Since 1877	1	WITCC / HIS-152	US History Since 1877	3
Foundations of Education	1	WITCC / EDU-210	Foundation of Education	3
Communication, ,Ethics, & Confidentiality	1	WITCC / EDU-120	Communication, ,Ethics, & Confidentiality	2
Intro to Criminal Justice	1	WITCC / CRJ-100	Intro to Criminal Justice	3
Ethics in Criminal Justice	1	WITCC / CRJ-101	Ethics in Criminal Justice	3
English Composition I	1	WITCC / ENG-105	Composition I	3
English Composition II	1	WITCC / ENG-106	Compositions II	3
Calculus I	1	WITCC / MAT-211	Calculus I	6
Calculus II	1	WITCC / MAT-217	Calculus II	5
Digital Photography	1	WITCC / ART-186	Digital Photography	3
Art Appreciation	1	WITCC / ART –101	Art Appreciation	3
Intro to Business	1	WITCC / BUS-102	Intro to Business	3
Principles of Management	1	WITCC / MGT-101	Principles of Management	3

BUSINESS & TECHNOLOGY COURSES

COURSE #	NAME	CREDIT
B004	Financial Literacy	2
B001	Accounting I	2
B020	Accounting II	2
B050	Accounting III	2
B003	Keyboarding I	2
B005	Personal Keyboarding	1
B021	Business Management & Entrepreneurship I	4
B028	Business Management & Entrepreneurship II	4
B006	Business & Personal Law	1
B007	Sales & Marketing	1
B022	Microsoft Office Suite	1
B023	Multimedia Computers In Business	1
B013	Web Design	2
B026	Desktop Publishing	1
I008	Computer and Yearbook Applications	2
B014	Sports & Entertainment Management	1
B015	Video Game Design	1
BUSINESS INFORMATION TECHNOLOGY		2
B600	Introduction to Business	
B601	Principles of Management	

COURSE DESCRIPTIONS

FINANCIAL LITERACY (2 terms)

Course Number: B004

Credit: 2 GPA: Yes

Elective/Required: Elective (Meets Math requirements)

Prerequisite: None

Schools Offering: E, N, W

Grade Level: 9, 10, 11, 12

Course Description: This is a one-year course designed to give all students practical knowledge of the business world and the primary financial decisions consumers make within our economic system. Students will learn the basics of saving, several methods of investing, and mathematically compare these investments for profitability. They will explore different types of credit and discover the dangers of debt. Budgeting, money management, and how to use financial resources appropriately will also be addressed. The students will learn several skills of becoming a wise consumer. Students will use computer programs to enhance learning, including Virtual Business. This course will help equip students with the skills and knowledge needed to make sound financial decisions for life in the 21st Century.

ACCOUNTING I (2 terms)

Course Number: B001

Credit: 2 GPA: Yes Articulation: WITCC

Elective/Required: Elective (meets district Math requirement)

Prerequisite: None

Schools Offering: E, N, W

Grade Level: 9, 10, 11, 12

Course Description: Accounting I is a course designed to teach the recording and analyzing of financial records of a sole proprietorship. It includes, through both manual and computer accounting technology, how to keep financial records, summarizing them for convenient interpretation, and the ability to see what should be done to improve a financial situation. The first-year course develops an understanding of the steps of the accounting cycle for a sole proprietorship. It involves practical application of math skills needed in business, basic adding, subtraction, multiplication (figuring percentages, etc.) and division, as well as formulas and functions for spreadsheet analysis. The course also examines the managerial use of accounting information, explores career choices in the field of accounting, and looks into current business ethics. This course may count toward math graduation requirement but does not meet post secondary math requirements. This is a good prerequisite for the Business Management class.

ACCOUNTING II (2 terms)
Course Number: B020
Credit: 2 **GPA:** Yes **Articulation:** WITCC
Elective/Required: Elective
Prerequisite: Successful completion of Accounting I
Schools Offering: E, N, W
Grade Level: 10, 11, 12
Course Description: Accounting II is an advanced accounting course designed to teach the recording and analyzing of financial records of a corporation. It includes completing the steps of the accounting cycle for a corporation and an in-depth study of the following accounts; various cash accounts, accounts receivable merchandise inventory, and plant asset depreciation. Special emphasis will be placed on developing ways of understanding business information by analyzing and interpreting financial statements, how to summarize them for interpretations, and how to analyze them to be able to give the steps necessary to improve a financial situation. The second year course expands the utilization of computerized accounting for financial records, and continues to stress good business ethics. It continues to emphasize basic math skills, problem-solving skills, and analysis and interpretation of data.

ACCOUNTING III (2 terms)
Course Number: B050
Credit: 2 **GPA:** Yes
Elective/Required: Elective
Prerequisite: Successful completion of Accounting II
Schools Offering: E, N, W
Grade Level: 11, 12
Course Description: The students will work on an independent basis and will build upon the concepts learned in Accounting I and II. It is an excellent way for students who are truly interested in the accounting profession to broaden their knowledge and prepare themselves for future accounting courses. It includes learning accounting procedures for partnerships and not-for-profit organizations, and learning about special accounting systems such as cost, departmental, branch, voucher system and manufacturing accounting.

KEYBOARDING I (2 terms)
Course Number: B003
Credit: 2 **GPA:** Yes
Elective/Required: Elective
Prerequisite: None
Schools Offering: E, N, W
Grade Level: 9, 10, 11, 12
Course Description: Keyboarding I is designed to teach the touch method of keyboard operations on a computer, including formatting (arrangement, placement, and spacing) of documents such as letters, memos, envelopes, reports, tables, flyers, desktop publishing items, labels, mail-merge and other communication forms. Contents introduced and learned in one cycle are reviewed and reinforced in the latter cycles. The course includes document processing, using a self-contained program that checks student work and uses MS Office software for the word processing functions. The skills involved include: Job task planning, page setup adjustments, language skills, detecting and correcting errors, and proofreading and evaluating final copy for acceptability. The course is designed for personal enrichment and/or to assist in preparing students for the modern workplace, as well as college preparation.

PERSONAL KEYBOARDING (1 Term)
Course Number: B005
Credit: 1 **GPA:** Yes
Elective/Required: Elective
Prerequisite: None
Schools Offering: E, N, W
Grade Level: 9, 10, 11, 12
Course Description: Personal Keyboarding is a one-semester course designed to begin with document formatting for those who already have the touch keyboarding skill, and having tested to begin with the document word processing. It includes formatting (arrangement, placement, and spacing) of documents, such as letters, envelopes, reports, tables, flyers, desktop publishing items, labels, mail-merge, and other communication forms. Contents introduced and learned in one cycle are reviewed and reinforced in the latter cycles.

The course includes document processing, using a self-contained program that checks student work and gives immediate feedback on errors and formatting. The skills involved include: job task planning, page setup adjustments, language skills, detecting and correcting errors, and proofreading and evaluating final copy for acceptability. The course is designed for personal enrichment and/or to assist in preparing students for the modern workplace, as well as college preparation.

BUSINESS MANAGEMENT & ENTREPRENEURSHIP I
Course Number: B021 (2 terms)
Credit: 4 **GPA:** Yes
Elective/Required: Elective
Prerequisite: Successful completion (at least a C or above) of at least two of the following classes: Accounting, Sales/Marketing, Business and Personal Law or by special permission of the Business Management teacher. An application process is required to be admitted to the Business Management program.

- ◆ Job application form completed with teacher and/or work references
- ◆ Interview with Business Management teacher, Activities Director and the previous years Business Management staff
- ◆ References checked (required in all business employment)
- ◆ Attendance history (excessive unexcused absences or tardiness will result in not being enrolled in the program)
- ◆ Discipline history (excessive school referrals and any criminal record will result in not being enrolled in the program)
- ◆ Academic history (cumulative GPA must be at least 2.5)

Schools Offering: E, N, W
Grade Level: 10, 11, 12
Course Description: This full year course is designed to give students four credits of modern business in-class experience. Two credits are classroom work and the other two are working the student store before school and at events throughout the year, learning the various management skills, including operations management, financial/accounting management, inventory control management, and promotional/marketing, management. Students learn the skills by performing various jobs within the school store, such as creating advertisements, stocking, pricing, accounting, auditing, public relations, etc. Course focus: skills in management, team building and problem-solving, communications, sales and marketing, filing and business record control, composition and formatting business correspondence/business forms. Students will use cash registers and word processing software, database, spreadsheet, and desktop publishing.

BUSINESS MANAGEMENT & ENTREPRENEURSHIP II**Course Number:** B028 (2 terms)**Credit:** 4 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** Successful completion of Business Management & Entrepreneurship I**Schools Offering:** E, N, W**Grade Level:** 11, 12

Course Description: This full year course is designed to build on the initial skills and experience obtained in Business Management I Entrepreneurship I. Credits are earned in the classroom and by managing the student store before school and at events throughout the year. The course focus: Skills in retail business management and problem-solving, communications, sales and marketing, bookkeeping and accounting processes, filing and business record control, composition and formatting business correspondence/business forms. Students will use cash registers and word processing software, database, spreadsheet, and desktop publishing.

BUSINESS AND PERSONAL LAW (1 term)**Course Number:** B006**Credit:** 1 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** None**Schools Offering:** E, N, W**Grade Level:** 9, 10, 11, 12

Course Description: This program gives background information in the law as it relates to the average individual and problems they may encounter with the law, other persons suing them, and their consumer rights. It is also related to the business aspect regarding contract, criminal, and tort law. This is helpful to anyone for personal use, but also for background knowledge if you intend a career involving the law from court reporters to paralegal, lawyers, legal secretary or law enforcement personnel.

SALES & MARKETING (1 term)**Course Number:** B007**Credit:** 1 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** None**Schools Offering:** E, N, W**Grade Level:** 9, 10, 11, 12

Course Description: Students will learn sales and marketing strategies used in the business world. This class incorporates advertising techniques and their effect on sales and uses PowerPoint software on computers to make presentations on business products or services. Projects are a big part of the course. This is good for someone wanting a career in sales, marketing, or general business and it is a good prerequisite for the Business Management class.

MICROSOFT OFFICE SUITE (1 term)**Course Number:** B022**Credit:** 1 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** None**Schools Offering:** E, N, W**Grade Level:** 9, 10, 11, 12**Course Description:**

Students will learn how to work through a Windows environment to access and utilize Microsoft Office Suite. Introductory and advanced features are taught in Microsoft Word, Microsoft Excel spreadsheet application, PowerPoint presentation software and an introduction to Access database. They will obtain skills used in the business world.

MULTIMEDIA COMPUTERS IN BUSINESS (1 term)**Course Number:** B023**Credit:** 1 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** Microsoft Office Suite recommended**Schools Offering:** E, N, W**Grade Level:** 10, 11, 12

Course Description: This course is designed to give training in advanced technology. It will expose students to the latest technology used in business including the use of scanners, Internet, digital cameras, and development of Internet home pages. These will be valuable tools used to create multimedia presentations. The use of Adobe software is also a new part of this course, including Dreamweaver for web page design, and introduces Photoshop and Flash software.

WEB DESIGN (2 terms)**Course Number:** B013**Credit:** 2 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** Microsoft Office Suite, Desktop Publishing, and/or Multimedia recommended**Schools Offering:** N, W**Grade Level:** 10, 11, 12

Course Description: Web Design in Business is a two credit course designed to introduce and assist the student in learning web page management. The student will create and manage webpage articles for the school website and learn to use computer programs found in Microsoft Office 2007 and Adobe Design Premium CS3. The students will use a variety of technology including scanners, Internet, and digital cameras. These tools and programs will be necessary for the creation and manipulation of web pages.

DESKTOP PUBLISHING (1 term)**Course Number:** B026**Credit:** 1 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** Microsoft Office Suite recommended**Schools Offering:** E, N, W**Grade Level:** 10, 11, 12

Course Description: Desktop Publishing is a one-credit course designed to assist the student in learning to use the Adobe InDesign software program for desktop publishing. Desktop publishing software programs permit the student to manipulate types and graphic images on the screen of the computer to produce professional-quality documents. The student will learn how to produce a document, place and integrate text with graphics on a page, and move, change size, edit, format and print text and graphics. The student will prepare newsletters, brochures, business cards, flyers, advertisements, reports, as well as newspaper and magazine articles and other creative design projects.

COMPUTER AND YEARBOOK APPLICATIONS

Course Number: 1008 (2 terms)

Credit: 2 **GPA:** Yes

Elective/Required: Elective

Schools Offering Course: E, N, W

Grade Level: 10, 11, 12

Course Description: The yearbook staff produces the school yearbook. Some of the skills involved in this course are layout and design using various computer programs, photography, sales techniques, advertising and marketing, interviewing, as well as problem solving, and teamwork. Differentiated instruction provides a classroom structure that supports time, choice, response, and goal-setting. Students will sell advertisements to area businesses, help promote the sale of the yearbooks, and assist in the student tribute sales. Additionally, yearbook staff members will take pictures as assigned by the advisor/teacher and the editors.

Yearbook staff members will assist during the annual picture day and during distribution of the yearbooks. Excellent attendance and meeting all deadlines is a requirement. Availability to transportation to go to various school events and for selling advertisements is necessary for the course. Teamwork, a positive, helpful attitude and hard work are also required to be successful in this course.

SPORTS & ENTERTAINMENT MANAGEMENT

Course Number: B014 (1 term)

Credit: 1 **GPA:** Yes

Elective/Required: Elective

Prerequisite: None

Schools Offering Course: E, N, W

Grade Level: 9, 10, 11, 12

Course Description: Sports & Entertainment Management is a comprehensive course that covers many aspects of the sports and entertainment field. Some of the areas discussed in this course include: The history and evolution of Sports & Entertainment Management (SEM), creating a brand/licensing, sponsorships, promotions, endorsements, ticket sales, communications, and careers in the SEM field. Projects are a large part of this course.

VIDEO GAME DESIGN FOUNDATIONS (1 term)

Course Number: B015

Credit: 1 **GPA:** Yes

Elective/Required: Elective

Prerequisite: Microsoft Office Suite, Multimedia, and/or Desktop Publishing

Schools Offering Course: E, N, W

Grade Level: 10, 11, 12

Course Description: Video Game Design Foundations will provide students with a detailed description of the field of video game design. Students will participate in a simulated video game design team to experience video game design including creation, business applications, and the technological components required to launch a new video game system. Students will gain insight into a growing technological society and provide a solid foundation for success in the future world of technology.

BUSINESS INFORMATION TECHNOLOGY (2 terms)

Credit: 2 **GPA:** Yes

Elective/Required: Elective

Schools Offering Course: E, N, W

Grade Level: 11, 12

Course Description: Business Information Technology consists of the following courses:

Course Number: B600 Introduction to Business—This course provides a broad overview of business including internal and external functions. Topics include economics, marketing, entrepreneurship, and management as well as related domestic and international business issues. (WITCC: BUS-102, Intro to Business)

Course Number: B601 Principles of Management—This course introduces students to the role of planning, organizing, staffing, directing, and controlling in formal and informal organizations of all sizes. This course presents theoretical bases and real world examples of implementation. (WITCC: MGT-101, Principles of Management)

FAMILY AND CONSUMER SCIENCES (FCS) COURSES

COURSE #	NAME	CREDIT
4000	Individuals & Families	1
4005	Clothing & Seminar I	1
4025	Clothing & Seminar II	1
4006	Fundamentals of Food I	1
4007	Culinary Arts	1
4008	Global Foods	1
4009	Food Science Technology	2
4010	Exploring Childhood - Class & Field	2
4012	Exploring Parenting	1
4013	Hospitality & Food Industry	4
4014	Design Strategies I	1
4034	Design Strategies II	1

COURSE DESCRIPTIONS

INDIVIDUALS AND FAMILIES (1 term)

Course Number: 4000 **GPA:** Yes
Credit: 1 (Meets Health graduation requirement)
Elective/Required: Either
Prerequisite: None
Schools Offering the Course: E, N, W
Grade Level: 9-12

Course Description: This course explores the influences of society on individuals and families. It is designed to assist students to be self-sufficient in all areas of health; including Cardio Pulmonary Resuscitation (CPR), career and life-management, time and financial management, and the development of personal and professional relationships. This class will also examine the decision-making process, communication, problem solving skills, and team building skills as effective tools in managing the roles of work together with individual and family needs.

CLOTHING SEMINAR I (1 term)

Course Number: 4005 **GPA:** Yes
Credit: 1
Elective/Required: Elective
Prerequisite: None
Schools Offering the Course: E, N, W
Grade Level: 9-12

Course Description: This course will allow students to experience clothing from fabric to fashions to retail stores. Students will examine their own wardrobes as they study textiles, clothing purchases, and care of today's fashions. They will learn basic alterations and construct items of clothing for themselves or another person.

CLOTHING SEMINAR II (1 term)

Course Number: 4025
Credit: 1 **GPA:** Yes
Elective/Required: Elective
Prerequisite: Clothing Seminar I
Schools Offering: E, N, W
Grade Level: 9—12

Course Description: Having completed Clothing Seminar I, students will apply advanced techniques, as well as assist first year students. Students will research fibers and complete advanced samples. The elements and principles of design will be applied to the creation of an accessory or garment. A career in the textile and apparel field will be researched and presented to the class.

FUNDAMENTALS OF FOOD (1 term)

Course Number: 4006
Credit: 1 **GPA:** Yes
Elective/Required: Elective
Prerequisite: None
Schools Offering the Course: E, N, W
Grade Level: 9-12

Course Description: This is a basic course in food preparation and nutrition. Foods will be prepared from each of the pyramid food groups with emphasis on healthy food choices and quality products. Students will develop skills of food preparation, including principles for sanitation, safety, product standards, table/ meal service and conservation.

CULINARY ARTS (1 term)

Course Number: 4007
Credit: 1 **GPA:** Yes
Elective/Required: Elective
Prerequisite: None
Schools Offering the Course: E, N, W
Grade Level: 9-12

Course Description: In this course, healthy, appealing, and quick food preparation techniques are taught to help students meet today's busy lifestyles. Advanced skills are emphasized for a culinary career or gourmet cooking. Students will compare foods using convenience products with those conventionally prepared. Students will develop skills in making breads, pastas, cakes, meats, pastries, and garnishes as they prepare, serve and evaluate meals.

GLOBAL FOODS (1 term)

Course Number: 4008
Credit: 1 **GPA:** Yes
Elective/Required: Elective
Prerequisite: None
Schools Offering the Course: E, N, W
Grade Level: 9-12

Course Description: This course integrates geographical perspectives with cultural traditions/foods as it provides students with experiences to help them understand diversity within today's mobile society. Students will study and prepare foods typical of the 6 main regions of the United States and various foreign countries as they apply principles of food preparation relative to specific cultures. They will apply computer skills to research and prepare a newspaper and/or travel brochure for a region/country of their choosing. Students also investigate career options.

FOOD SCIENCE TECHNOLOGY (2 terms)

Course Number: 4009 **GPA:** Yes
Credit: 2 (will meet Science graduation requirements)
Elective/Required: Elective
Prerequisite: None
Schools Offering the Course: E, N, W
Grade Level: 10-12

Course Description: This course will use basic principles of biology and chemistry as the vehicle to investigate concepts of nutrition, food preparation and food processing. It will emphasize hands on laboratory experiences to teach concepts as physical and chemical changes, pH, digestive enzymes, chemical composition of foods, etc. The class is a dual credit class taught by science certified FACS staff or a team of FACS and science staff members.

EXPLORING CHILDHOOD: Class & Field (1 term)

Course Number: Class - 4010 Field - 4011
Credits: 2 **GPA:** Yes **Articulation:** WITCC
Elective/Required: Elective
Prerequisite: None
Schools Offering the Course: E, N, W
Grade Level: 11-12

Course Description: The Exploring Childhood class is designed to help students develop skills in working with young children through hands-on experiences at the preschool and elementary levels. Students participate at the field site/preschool twice a week for a **2-hour block of time**. Students are responsible for providing their own transportation to and from field sites. Skills necessary for working with children, planning and presenting activities, nutrition, and age appropriate discipline/ guidance methods are taught in this course.

EXPLORING PARENTING (1 term)

Course Number: 4012
Credit: 1 **GPA:** Yes **Articulation:** WITCC
Elective/Required: Elective
Prerequisite: None
Schools Offering the Course: E, N, W
Grade Level: 10-12

Course Description: Parenting: it's a choice! This course presents the skills, demands, challenges, and responsibilities of those entering parenthood. It explores the decision-making process and adjustments of parenthood. Emphasis is placed on problem solving, healthy relationships, realities of childcare, balancing work, family, and individual needs, the cost of being a family, healthy pregnancy, and the birthing process. It also explores the physical, social, emotional and intellectual development that occurs from infancy through adolescence, including nutrition, medical and other resources that would foster a safe and nurturing environment.

HOSPITALITY AND FOOD INDUSTRIES (2 terms)

Course Number: 4013
Credit: 4 **GPA:** Yes
Elective/Required: Elective
Prerequisite: one year of a Foods class or teacher approval
Schools Offering the Course: E, N, W
Grade Level: 11, 12

Course Description: This course provides an overview of the hospitality and food industries as it prepares students for entry level (or above) jobs in the food industry OR post-secondary culinary training. Students will learn advanced quantity food preparation techniques, various forms of meal service, production management, and customer relations as they operate a restaurant. In addition, students will job shadow and participate in field trips to local food operations.

DESIGN STRATEGIES I (1 term),

Course Number: 4014 **GPA:** Yes
Credits: 1 (will meet Visual Fine Arts requirement)
Elective/Required: Elective
Prerequisite: None
Schools Offering the Course: E, N, W
Grade Level: 10-12

Course Description: This course combines concepts common to both fashion and interior design in a totally new approach. Principles and elements of design common to fashion, interior, and architecture are studied in this course. Using computer technology, students will create fashions using the Snap Fashion CAD program as well as Chief Architect CAD program to explore interior design and architecture. Students will gain experience with technology, enjoy field trips, and complete group and individual projects.

DESIGN STRATEGIES II (1 term)

Course Number: 4034 **GPA:** Yes
Credit: 1 (will meet Visual Fine Arts requirement)
Elective/Required: Elective
Prerequisite: Design Strategies I
Schools Offering the Course: E, N, W
Grade Level: 10-12

Course Description: Having completed Design Strategies I, students will continue to further research concepts common to both fashion and interior design. The continuation of Chief Architect CAD, Snap Fashion CAD, as well as advance web research will be applied to student projects. Students will explore career opportunities by job shadowing, internships, or interviewing professionals in the design area.

FINE ARTS COURSES

Total of two credits are required from two different areas –
Select from **Music, Visual Arts, Dance, Dramatic Arts**
or **Humanities**

COURSE #	NAME	CREDIT
MUSIC		
2006	Harmony I	1
2023	Harmony II	1
2024	Concert Choir	1
2019/2007	Mixed Choir	1/2
2025	Chamber Choir	1
2010	Freshman Chorus	1
2029	Jazz Choir	1
2030	Varsity Choir	1
2300/2301	Accelerated Strings	2/1
2026	Varsity Band	1
2011	Freshman Band	1
2014/2013	Orchestra	1/2
2027	Jazz Band	.5
2028	Jazz Improvisation	1
2031	Percussion	1
2017	History of American Popular Music	1

COURSE #	NAME	CREDIT
VISUAL		
2000	Art I—2 Dimensional	1
2001	Art I—3 Dimensional	1
2020	Art II—2 Dimensional	2
2040	Art III—2 Dimensional	2
2060	Art IV—2 Dimensional	2
2021	Art II—3 Dimensional	2
2041	Art III—3 Dimensional	2
2061	Art IV—3 Dimensional	2
2022	Photography Art	1
2004	Independent Study	1-2
2441	AP Studio Art: Drawing	2
2640	Art Appreciation	1
GRAPHIC DESIGN I		2
9601	Photoshop	
9602	InDesign I	
9603	Mac OS	
GRAPHIC DESIGN II		2
9657	Dreamweaver	
9658	Digital Photography	

COURSE #	NAME	CREDIT
DANCE		
6005	Introduction to Dance	1
DRAMATIC ARTS		
1006	Play Production	1
1007	Drama	1
HUMANITIES		
1005	Humanities	1

COURSE DESCRIPTIONS

MUSIC

HARMONY I (1 term)
Course Number: 2006
Credit: 1 GPA: Yes
Elective/Required: Elective
Prerequisite: Teacher recommendation
Schools Offering Course: E, N, W
Grades: 11, 12
Course Description: This course is a study of the “inner workings” of music and how it is written. The course content includes construction of scales, intervals, chord formation, chord inversions, writing of melodies and harmonization, as well as dictation and ear training. This course is recommended for the student who may be considering a music major in college.

HARMONY II (1 term)
Course Number: 2023
Credit: 1 GPA: Yes
Elective/Required: Elective
Prerequisite: Harmony I
Schools Offering Course: E, N, W
Grades: 11, 12
Course Description: This course is a continuation of Harmony I. It will be offered only when there is sufficient demand. This course is recommended for the student who may be considering a music major in college.

CONCERT CHOIR (2 terms)
Course Number: 2024
Credit: 2 GPA: Yes
Elective/Required: Elective
Prerequisite: Audition
Schools Offering Course: E, N, W
Grades: 10, 11, 12
Course Description: A performing organization with its members chosen through audition for part reading ability, tone, and maturity. Choir meets daily. It offers challenging vocal music literature and represents the school in public concerts and school performances. Students must have the musical maturity to perform complex literature.

MIXED CHOIR (2 terms)**Course Number:** 2007**Credit:** 2 at E & N **GPA: Yes****Course Number:** 2019**Credit:** 1 at W **GPA: Yes****Elective/Required:** Elective**Prerequisite:** None**Schools Offering Course:** E, N, W**Grades:** 10, 11, 12

Course Description: Choral ensemble available for singers between Concert Choir and Freshman Chorus. This ensemble focuses on part singing; significant literature performed by large groups and improved rehearsal responsiveness.

CHAMBER CHOIR (2 terms)**Course Number:** 2025**Credit:** 2 **GPA: Yes****Elective/Required:** Elective**Prerequisite:** Audition only**Schools Offering Course:** E, N, W**Grades:** 10, 11, 12

Course Description: A performing organization with members chosen through audition only. Choir meets everyday. This choral ensemble focuses on choral works that challenge the advanced musician. Students must have the musical maturity to perform this more complex repertoire. Students will be expected to rehearse outside the school day, as well as during the class time.

FRESHMAN CHORUS (2 terms)**Course Number:** 2010**Credit:** 2 **GPA: Yes****Elective/Required:** Elective**Prerequisite:** none**Schools Offering Course:** E, N, W**Grades:** 9

Course Description: A performance ensemble available to freshmen interested in singing. Students will be heard individually for placement in the proper section. This class meets daily and offers students an opportunity to try a performance group.

JAZZ CHOIR (2 terms)**Course Number:** 2029**Credit:** 2 **GPA: Yes****Elective/Required:** Elective**Prerequisite:** Enrolled in Concert or Chamber Choir, Audition**Schools Offering Course:** W**Grades:** 10, 11, 12

Course Description: Jazz choir meets daily. Music reading, listening, and improvisation skills as well as appreciation of jazz music is attained through the study and performance of a wide variety of jazz styles. Course topics include Jazz History as an American Art Form, Improvisation, Jazz Interpretation and Styles, Jazz Music Vocabulary.

VARSITY CHOIR (2 terms)**Course Number:** 2030**Credit:** 2 **GPA: Yes****Elective/Required:** Elective**Prerequisite:** West High - Audition**Schools Offering Course:** W**Grades:** 10, 11, 12

Course Description: A performance ensemble available to sophomore through seniors interested in performing higher level literature. Students will be heard individually for placement in the proper section. This class meets daily. This ensemble focuses on part singing; literature performed by large groups, and improved rehearsal responsiveness.

ACCELERATED STRINGS (2 terms)**Course Number:** 2300**Credit:** 2 **GPA: Yes****Elective/Required:** Elective**Prerequisite:** TAG Identified**Schools Offering Course:** E, N, W**Grades:** 9, 10, 11, 12

Course Description: Students identified as musically talented and gifted on a stringed instrument using test scores, teacher referral and interview may participate in accelerated string instruction. Students may engage in master classes, special instruction, field trips and other accelerated learning experiences. Students must be enrolled and participate in school orchestra to be considered for the program. **This class meets daily.**

ACCELERATED STRINGS (2 terms)**Course Number:** 2301**Credit:** 1 **GPA: Yes****Elective/Required:** Elective**Prerequisite:** TAG Identified**Schools Offering Course:** E, N, W**Grades:** 9, 10, 11, 12

Course Description: Students identified as musically talented and gifted on a stringed instrument using test scores, teacher referral and interview may participate in accelerated string instruction. Students may engage in master classes, special instruction, field trips and other accelerated learning experiences. Students must be enrolled and participate in school orchestra to be considered for the program. **This class meets every other day.**

VARSITY BAND (2 terms)**Course Number:** 2026**Credit:** 2 **GPA: Yes****Elective/Required:** Elective**Prerequisite:** Must have playing knowledge of a band instrument.**Schools Offering Course:** E, N, W**Grades:** 10, 11, 12

Course Description: Band meets daily. In the fall emphasis is placed on marching band formations for half-time shows at football games and marching band competitions, and music suitable to present these shows. During marching season the ensemble meets before school. There is a Marching Band Camp in August. After the marching season concert band repertoire is rehearsed; pep bands, small ensembles, and soloists are scheduled for instruction and performances. The ensemble emphasizes the study of quality wind and percussion instrumental literature of various styles and historical periods, as well as continued technical development and the refinement of musical skills. **This class meets daily.**

FRESHMAN BAND (2 terms)
Course Number: 2011
Credit: 2 **GPA:** Yes
Elective/Required: Elective
Prerequisite: Must have playing knowledge of a band instrument.
Schools Offering Course: E, N, W
Grade: 9
Course Descriptions: Meets daily. This unit is organized as an independent band for purpose of developing more skills in instrumental music. During marching season the ensemble meets before school. There is a Marching Band Camp in August. After the marching season, concert band repertoire is rehearsed. Pep bands, small ensembles, and soloists are scheduled for instruction and performances. Emphasis is on building technical performance and music appreciation skills as preparation for Varsity Band.

ORCHESTRA (2 terms)
Course Number: 2014
Credit: 1 (.5 per term) **GPA:** Yes
Elective/Required: Elective
Prerequisite: Must have playing knowledge of stringed, wind, or percussion instrument
Schools Offering Course: E, W
Grades: 9, 10, 11, 12
Course Description: This ensemble meets as an early bird at WHS and during the day at EHS and NHS. All string, wind and percussion students are eligible to register. This ensemble emphasizes the study of quality orchestral literature, continued technical development, and the refinement of musical skills. **This class meets every other day.**

ORCHESTRA (2 terms)
Course Number: 2013
Credit: 2 (1 per term) **GPA:** Yes
Elective/Required: Elective
Prerequisite: Must have playing knowledge of stringed, wind, or percussion instrument
Schools Offering Course: N
Grades: 9, 10, 11, 12
Course Description: This ensemble meets as an early bird at WHS and during the day at EHS and NHS. All string, wind and percussion students are eligible to register. This ensemble emphasizes the study of quality orchestral literature, continued technical development, and the refinement of musical skills. **This class meets daily.**

JAZZ BAND (1 term)
Course Number: 2027
Credit: 1 **GPA:** Yes
Elective/Required: Elective
Prerequisite: Enrolled in Band or Orchestra, Audition
Schools Offering Course: E, N, W
Grades: 9, 10, 11, 12
Course Description: Jazz Band is open to all brass, percussion and saxophone students, as well as those with an interest in jazz piano, guitar and bass. Music reading, playing, listening, and improvisation skills, as well as appreciation of jazz music are attained through the study and performance of a wide variety of jazz styles. Course topics include Jazz History as an American Art Form, Improvisation, Jazz Interpretation and Styles, and Jazz Music Vocabulary. Jazz Band meets as an early bird or late bird depending on the site, with a minimum of five 1 1/2-hour sessions.

JAZZ IMPROVISATION (1 term)
Course Number: 2028
Credit: 1 **GPA:** Yes
Elective/Required: Elective
Prerequisite: Must be a member of Varsity, Freshman, or Jazz Band and/or Jazz choir or permission of teacher
Schools Offering Course: E, N, W
Grades: 11, 12
Course Descriptions: Jazz Improvisation will include an intense study of jazz to include, the study of composers, compositions, and history of jazz. Students will study the styles of various eras and examine components of jazz to include improvisation, chord structure, performance practice, and individual styles of jazz greats.

PERCUSSION (2 terms)
Course Number: 2031
Credit: 2 **GPA:** Yes
Elective/Required: Elective
Prerequisite: Must have knowledge of percussion instruments
Schools Offering Course: E, N, W
Grades: 9, 10, 11, 12
Course Description: The purpose of the Percussion Ensemble is to offer students a well-rounded approach to learning percussion instruments in order to develop general musicianship. Students will have the opportunity to develop their skills in all areas of percussion including mallets, pitched and non-pitched percussion and auxiliary instruments. During marching season, the ensemble meets before school. After marching season, the ensemble concentrates on repertoire for Percussion, as well as music for the Varsity Band and Freshman Band. **This course meets daily.**

HISTORY OF AMERICAN POPULAR MUSIC (1 term)
Course Number: 2017
Credit: 1 **GPA:** Yes
Elective/Required: Elective
Prerequisite: None
Schools Offering Course: E, N, W
Grades: 10, 11, 12
Course Description: This course explores the evolution of popular music styles from the 19th century to the present and how they interact with broader themes in American history. Musical forms covered will include ragtime, blues, Broadway, musicals, early jazz, swing, Appalachian folk music, country, bluegrass, rhythm & blues, doo-wop, and all styles of rock and roll from the 1950's to metal, punk, alternative, and hip-hop. Students will be introduced to these through reading, in-class demonstrations, videos, and extensive listening.

VISUAL ARTS

ART I 3 Dimensional (1 term)
Course Number: 2001
Credit: 1 **GPA:** Yes
Elective/Required: Elective
Prerequisite: none
Schools Offering Course: E, N, W
Grade Level: 9, 10, 11, 12
Course Description: This one semester course is a hands-on introduction to sculpture, pottery, and other media. The course explores the process of the development of a 2 dimensional idea to a three dimensional form.

ART I 2 Dimensional (1 term)
Course Number: 2000
Credit: 1 **GPA:** Yes
Elective/Required: Elective
Prerequisite: none
Schools Offering Course: E, N, W
Grade Level: 9, 10, 11, 12
Course Description: This one semester course is a hands-on introduction to a selection of the following: Drawing, painting, and design. Graphics and Design will be integrated throughout the curriculum.

ART II 2 Dimensional (2 terms)
Course Number: 2020
Credit: 2 **GPA:** Yes
Elective/Required: Elective
Prerequisite: Must successfully complete Art I-2 Dimensional
Schools Offering Course: E, N, W
Grade Level: 10, 11, 12
Course Description: A wide variety of media and subject matter will be studied from a selection of the following areas; drawing, painting, and design. Art History and computer graphics will be integrated throughout the course. Students focus on the design elements and principles and concentrate on projects dealing with the problem-solving process and manipulation through research and creativity. They will refine ideas from thumbnail sketches through to the final project.

ART III 2 Dimensional (2 terms)
Course Number: 2040
Credit: 2 **GPA:** Yes
Elective/Required: Elective
Prerequisite: Must successfully complete Art II-2 Dimensional
Schools Offering Course: E, N, W
Grade Level: 11, 12
Course Description: Commercial art techniques and career exploration are introduced in this course. Advanced fine art experiences in some of the areas of drawing, painting and are explored, utilizing modern technologies including computer-based applications. Students will concentrate on building a portfolio to enter the work force or college.

ART IV 2 Dimensional (2 terms)
Course Number: 2060
Credit: 2 **GPA:** Yes
Elective/Required: Elective
Prerequisite: Must successfully complete Art III-2 dimensional
Schools Offering Course: E, N, W
Grade Level: 12
Course Description: In this course students may specialize in any of the fine art areas. Students are encouraged to use initiative, creativity, imagination, and experimentation in their work with modern technology on individual and specific art problems and assignments. Students will concentrate on building a portfolio to enter the work force or college.

ART II 3 Dimensional (2 terms)
Course Number: 2021
Credit: 2 **GPA:** Yes
Elective/Required: Elective
Prerequisite: Must successfully complete Art I-3 dimensional
Schools Offering Course: E, N, W
Grade Level: 10, 11, 12
Course Description: A full year of 3 dimensional art dealing with experiences in ceramics, sculpture, printmaking and other media. The emphasis in this course is on skillful and creative use of available materials. Students are expected to use problem-solving techniques and the creative process.

ART III 3 Dimensional (2 terms)
Course Number: 2041
Credit: 2 **GPA:** Yes
Elective/Required: Elective
Prerequisite: Must successfully complete Art II-3 dimensional
Schools Offering Course: E, N, W
Grade Level: 11, 12
Course Description: This course is a continuation of Art II 3 Dimensional (#2021), with new experiences in a variety of materials, including technological experiences. Students are expected to use problem-solving techniques and the creative process.

ART IV 3 Dimensional (2 terms)
Course Number: 2061
Credit: 2 **GPA:** Yes
Elective/Required: Elective
Prerequisite: Must successfully complete Art III-3 dimensional
Schools Offering Course: E, N, W
Grade Level: 12
Course Description: A 3-D art course in which students may specialize in their areas of greatest interest and use initiative, creativity and experimentation to work on special projects and assignments. Students are expected to use problem-solving techniques and the creative process.

PHOTOGRAPHY ART (1 term)
Course Number: 2022
Credit: 1 **GPA:** Yes
Elective/Required: Elective
Prerequisite: Required completion of Art I-2 Dimensional
Schools Offering Course: E, N, W
Grade Level: 10 with Art Instructor approval, 11, 12
Course Description: This is a one-semester course dealing with photography, film and digital as an art form. Basic camera usage and darkroom experiences are a part of this course. Emphasis will be on the principles and elements of design in photography incorporating the computer and other technology to reproduce and alter student images. Students should be self-motivated and have the ability to work independently.

INDEPENDENT STUDY (1 term)
Course Number: 2004
Credit: 1 (per semester) **GPA:** Yes
Elective/Required: Elective
Prerequisite: successful completion of at least one credit in Art I and approval of instructor
Schools Offering Course: E, N, W
Grade Level: 11, 12
Course Description: Advanced, independent work beyond normal course offering. Work is planned and contracted for the student by student and instructor.

AP STUDIO ART: DRAWING (2 terms)
Course Number: 2441
Credit: 2 **GPA:** Yes **Weighted**
Elective/Required: Elective
Prerequisite: Must successfully complete Art II-2 Dimensional and/or have Visual Art Teacher Approval
Schools Offering Course: E, N, W
Grade Level: 11, 12
Course Description: Students will develop mastery of concept, composition, and execution of their personal ideas and themes. Through direct teacher instruction, emphasis will be placed on the production of a volume of quality pieces of art work. Students must develop a comprehensive portfolio that addresses: Breadth, Concentration and Quality. This portfolio must be completed by the exam date. AP Studio Art—Drawing will prepare the student for the AP Exam.

ART APPRECIATION (1 term)
Course Number: 2640 **GPA:** Yes
Credit: 1 **Meets Fine Arts Requirement; Dual Credit: WITCC**
Elective/Required: Elective
Prerequisite: None
Schools Offering Course: W
Grade Level: 11, 12
Course Description: Art Appreciation explores the creative process emphasizing art as a visual form of communication. This course presents useful criteria for evaluation and enjoyment of art through the development of visual vocabulary

GRAPHIC DESIGN I (2 terms)
Credit: 2 (Meets Fine Arts graduation requirement)
GPA: Yes **Dual Credit w/WITCC**
Elective/Required: Elective
Prerequisite: None
Schools Offering Course: E, N, W
Grade Level: 10, 11, 12
Course Description: Graphic Design I consists of the following courses:

Course Number: 9601 Photoshop I—This course is an introduction to the Adobe Photoshop software package. This course is the first in a series focusing on the software used to manipulate images used for digital and printed media. Topics include introduction to the software interface, tools, palettes, selections, layers, basic retouching techniques, basic realistic editing techniques, and introduction to collage and importing images from scanners and digital cameras. (WITCC: GRA-143, Photoshop)

Course Number: 9602 InDesign I—This course is an introduction to the Adobe InDesign software, used to create page layouts used in print/web design and publishing. It will include a study of the software interface, typography, and combination of text with digital images to create professional layouts. (WITCC: GRA-136, InDesign I)

Course Number: 9603 Mac OS—Introduction to the Apple Macintosh operating system. Topics covered will include Mac OS interface, logging in as a user, customizing your workspace, connecting to a server, creating, naming and saving folders, burning CDs, introduction to iLife, and identifying hardware. (WITCC: GRA-100, Mac OS)

GRAPHIC DESIGN II (2 terms)
Credit: 2 (Meets Fine Arts graduation requirement)
GPA: Yes **Dual Credit w/WITCC**
Elective/Required: Elective
Prerequisite: None
Schools Offering Course: E, N, W
Grade Level: 10, 11, 12
Course Description: Graphic Design II consists of the following courses:

Course Number: 9657 Dreamweaver —This course introduces the student to the Macromedia® Dreamweaver software package. Topics include planning a web site, defining a root folder, adding links, forms, text, frames and graphics to a web page. Students will create a basic web site and upload it to a server. (WITCC: GRA-252, Dreamweaver)

Course Number: 9658 Digital Photography—This course introduces students to the digital camera. Students study and practice the varied artistic applications of digital images as enhanced with computer software. A digital camera is required. (WITCC: ART-186, Digital Photography)

DRAMATIC ARTS

PLAY PRODUCTION (1 term)

Course Number: 1006

Credit: 1 **GPA:** Yes

Elective/Required: Fine Arts Elective

Prerequisite: None

Schools Offering Course: E, N, W

Grade Level: 9, 10, 11, 12

Course Description: Play production focuses on the detailed aspects of preparing and executing a successful production. Tasks include, but are not limited to, exploring the theatre process, various genres, and opposing criticisms. Students will experience multiple theatrical techniques such as costuming, set design and construction, lighting and sound, directing, acting, and play promotion.

DRAMA (1 term)

Course Number: 1007

Credit: 1 **GPA:** Yes

Elective/Required: Fine Arts Elective

Prerequisite: None

Schools Offering Course: E, N, W

Grade Level: 9, 10, 11, 12

Course Description: Dramatics is a course open to students who are interested in a beginning class in the performing arts. Emphasis is on the fundamentals of acting, which will include various types of dramatic literature, history of theatre, and performance, as well as the basics of technical theatre. Improvisation, mime, and acting are the primary performance elements.

DANCE

INTRODUCTION TO DANCE (1 term)

Course Number: 6005

Credit: 1 **GPA:** Yes

Elective/Required: Elective (Meets graduation requirement for Physical Education or Fine Arts)

Prerequisite: none

Schools Offering Course: E, N, W

Grades: 9, 10, 11, 12

Course Description: This course will include a written, hands-on, and visual approach to the historical development and cultural characteristics of dance. Students will experience basic technique and movements. Students will be empowered to make choices, practice social responsibility, meet challenges and develop positive behaviors. Students will gain flexibility and fitness that leads to wellness activity for a lifetime. *This class meets daily. And cannot be repeated.*

HUMANITIES

HUMANITIES (1 term)

Course Number: 1005

Credit: 1 **GPA:** Yes

Elective/Required: Fine Arts Elective

Prerequisite: None

Schools Offering Course: E, N, W

Grade Level: 11, 12

Course Description: Humanities presents a chronological examination of the great ideas of man in the arts, music, literature, film, and philosophy of various cultures. This course specializes in philosophies of various cultures and relates these studies to students' lives.

FOREIGN LANGUAGE COURSES

COURSE#	NAME	CREDIT
301 I	Spanish I	2
303 I	Spanish II	2
305 I	Spanish III	2
307 I	Spanish IV	2
309 I	Spanish V	2

COURSE DESCRIPTIONS

SPANISH I

(2 terms)

Course Number: 301 I

Credit: 2 GPA: Yes

Elective/Required: Elective

Prerequisite: None

Schools Offering Course: E, N, W

Grade Level: 9, 10, 11, 12

Course Description: First year Spanish uses a conversational approach to introduce the Spanish-speaking world. The main objective of the course is to develop the student's skills in listening comprehension, speaking, reading, and writing. Emphasis is placed on learning vocabulary and structure, which is useful in describing situations in his/her everyday life. Class is conducted so that each student uses Spanish orally through pair and group work and also in reading and writing. Successful completion of Spanish I would enable the student to carry on simple conversations and to read and write Spanish within reasonable limits. Videos and recordings are used to expose students to native speakers of the language and to cultural aspects of the Spanish-speaking world..

SPANISH II

(2 terms)

Course Number: 303 I

Credit: 2 GPA: Yes

Elective/Required: Elective

Prerequisite: Successful Completion of Spanish I

Schools Offering Course: E, N, W

Grade Level: 9, 10, 11, 12

Course Description: Spanish II is a continuation of Spanish I. Its goal is to maintain and improve the skills acquired in first year Spanish with a continued emphasis on listening comprehension, speaking, reading, and writing. Conversational skills are expanded through additional study of structures and vocabulary. By the end of the second year, the student should be able to express him/herself on a simple level about a wide variety of topics. Videos and recordings continue to be used to expose students to native speakers of the language and to cultural aspects of the

SPANISH III

(2 terms)

Course Number: 305 I

Credit: 2 GPA: Yes

Elective/Required: Elective

Prerequisite: Successful Completion of Spanish II

Schools Offering Course: E, N, W

Grade Level: 10, 11, 12

Course Description: Students in Spanish III learn advanced conversational techniques and build upon the basic knowledge gained in Spanish I and Spanish II. Fluency and knowledge of Spanish-speaking countries continues to develop. There is an emphasis on the ability to sustain conversations and interact socially in Spanish. Class is conducted in Spanish as often as feasible. Reading and writing play an increasingly larger role in the third year. Culture and pronunciation are explored and modeled through film and other media.

SPANISH IV

(2 terms)

Course Number: 307 I

Credit: 2 GPA: Yes

Elective/Required: Elective

Prerequisite: Successful Completion of Spanish III

Schools Offering Course: E, N, W

Grade Level: 11, 12

Course Description: Spanish IV provides a review and extension of material previously studied. Students learn to improve both written and verbal communication. The course is designed to enhance the students' enjoyment of and ability to use Spanish. The course includes such units as film, literature, art, history, travel, civilization, and daily living. The class is conducted as much as possible in Spanish.

SPANISH V

(2 terms)

Course Number: 309 I

Credit: 2 GPA: Yes

Elective/Required: Elective

Prerequisite: Successful Completion of Spanish IV

Schools Offering Course: E, N, W

Grade Level: 12

Course Description: Spanish V continues to develop a student's ability to listen, speak, read and write in Spanish. The Spanish language continues to be used as a vehicle for the study of film, literature, art, history, travel, civilization, and daily living. Spanish is used in class extensively.

HEALTH COURSES

COURSE #	NAME	CREDIT
7003	Health I	1
7024	Health II	1
4000	Individuals and Families	1
7631	Health Careers & Teams	1.5
HEALTH SCIENCE I		3
7601	Medical Terminology	
7602	Issues in Health & Society	
HEALTH SCIENCE II		
	CNA/Advanced CNA—	3
7603	Nurse Aide Theory	
7604	Nurse Aide Clinical	
7605	Advanced Nurse Aide	
	Pharmacy Tech—	3
7606	Intro to Pharmacy Tech	
7609	Pharmacology for Pharmacy Technician	
7610	Pharmacy Practicum	
ANATOMY & PHYSIOLOGY		2
7600	Human Anatomy & Physiology I	
7620	Human Anatomy & Physiology II	

HEALTH II (1 term)
Course Number: 7024
Credit: 1 **GPA:** Yes
Elective/Required: Elective
Prerequisite: Health I or Individuals & Families
Schools Offering Course: E, N, W
Grade Level: 9, 10, 11, 12
Course Description: This course is designed for more individualized student as well as exploration of careers and occupations in the Health fields and community health. Life-long nutrition and fitness, exploration into infectious and chronic diseases, and mental health awareness are all included in this course. A review of CPR and advanced First Aid will be a key part of the course.

INDIVIDUALS AND FAMILIES (1 term)
Course Number: 4000 **GPA:** Yes
Credit: 1 (Meets Health graduation requirement)
Elective/Required: Either
Prerequisite: None
Schools Offering the Course: E, N, W
Grade Level: 9, 10, 11, 12
Course Description: This course explores the influences of society on individuals and families. It is designed to assist students to be self-sufficient in all areas of health; including Cardio Pulmonary Resuscitation (CPR), career and life-management, time and financial management, and the development of personal and professional relationships. This class will also examine the decision-making process, communication, problem solving skills, and team building skills as effective tools in managing the roles of work together with individual and family needs.

HEALTH CAREERS AND TEAMS (1 term)
Course Number: 7631
Credit: 1.5 **GPA:** Yes **Dual Credit w/WITCC**
Elective / Required: Elective
Prerequisite:
Schools: E, N, W

Taught at Educational Service Center

Grade Level: 10
Course Description: This course is a one semester course designed to provide information on career options for individuals who are interested in pursuing a career in the healthcare industry. It includes the study of team dynamics and communication techniques necessary to work and succeed in the healthcare field. Students are given opportunities for career exploration through research and projects utilizing the internet and library databases. Students will tour several hospital departments and have an opportunity to hear from healthcare professionals about career options. It also provides instruction in browsing the internet, using email, and other computer literacy tools necessary for taking online courses and for careers in the healthcare industry. (WITCC - #HSC-109, Health Careers & Teams)

COURSE DESCRIPTIONS

HEALTH I (1 term)
Course number: 7003 **GPA:** Yes
Credit: 1 (Meets Health graduation requirement)
Elective/Required: Required
Prerequisite: none
Schools Offering Course: E, N, W
Grade Level: 9, 10, 11, 12
Course Description: This course is designed to investigate the physical, mental, and emotional aspects of individual and group health. Social aspects such as smoking, drugs, alcohol, diseases, and medical self-help are included in this course. The administering of Cardio Pulmonary Resuscitation (CPR) is an integral part of the course.

HEALTH SCIENCE I (2 terms)
Credit: 3 **GPA:** Yes **Dual Credit w/WITCC**
Elective/Required: Elective (Meets Health graduation requirement)

Prerequisite: Students must submit application for admission to program. Contact Counselor for application process.

Schools Offering Course: E, N, W (2 hour time block)
Taught at Educational Service Center

Grade Level: 11, 12

Course Description: Health Science I consists of the following courses:

Course Number: 7601 Medical Terminology—The first semester course focuses on medical terminology using an anatomical body system approach. A basic understanding of medical terminology is fundamental to all persons working within the healthcare profession. Correct pronunciation and spelling are necessary when communicating patient care among other professionals of the health care team. This course presents medical terminology as the language of medicine. Students learn spelling pronunciation and usage, with emphasis on word analysis and construction of definitions. A case study approach focusing on the body systems will assist students to master medical terminology. Students will have an opportunity to complete an interactive patient medical history project. (WITCC - #HSC-114, Medical Terminology)

Course Number: 7602 Issues in Health & Society—The second semester course presents an overview of current health issues, concepts, and theories related to health. This course provides both an overview of areas of conflict in health as well as ways of looking at the conflicts. The purpose of this course is to introduce a number of contemporary topics in order to illustrate how controversies are viewed from a healthcare perspective. (WITCC: HSC-111 Issues in Health and Society)

HEALTH SCIENCE II – Certified CNA/Advanced CNA (2 terms)
Credit: 3 **GPA:** Yes **Dual Credit w/WITCC**

Elective/Required: Elective

Prerequisite: Health Science I

Schools Offering Course: E, N, W (2 hour time block)
Taught at Educational Service Center

Grade Level: 12

Course Description: Certified CAN/Advanced CAN consists of the following courses:

Course Number: 7603 Nurse Aide Theory (Semester 1): This course is designed to provide the student with the fundamentals of patient care in the health care environment. Students will focus on meeting human needs, safety measures, infection control, and physical care. Students will expand their knowledge of tasks, assessments, and observations of patients in the health care environment. Students will develop technical skills specific to complex needs of the patients. (WITCC: HSC-173, Nurse Aide Theory)

Course Number: 7604 Nurse Aide Clinical—Thirty hours of clinical work is required and will be done outside of the normal class time. Students must submit to a criminal and abuse background check and be cleared before starting the clinical experience. Students must have a physical and submit health screening paperwork and be cleared for clinical. In addition, students may need to consent for drug testing. (WITCC: HSC-174, Nurse Aide Clinical)

Course Number: 7605 Advanced Nurse Aide (Semester 2) - This course is designed as unit of instruction to be given in conjunction with or following the approved 75 hour Nurse Aide Course. The 75 hour Nurse Aide Course meets the OBRA (Nursing Home Reform) requirements for nurse aides who work in long term care. In the advanced course, additional material provides the students with content emphasizing the knowledge, attitude and skills necessary for providing patient care in the acute setting. Advanced Nurse Aides have those advanced skills necessary to work in the acute care setting. Hospital based nursing assistants are vital in providing patient care to acutely ill patients. *Pre-requisite: Successful completion of the 75 hour Nurse Aide Course, HSC-173 & HSC-174.* (WITCC - #HSC-178)

HEALTH SCIENCE II – PHARMACY TECH (2 terms)
Credit: 3 **GPA:** Yes **Dual Credit w/WITCC**

Elective/Required: Elective

Prerequisite: Health Science I and High School Algebra with a "C" grade or higher

Schools Offering Course: E, N, W

Taught at Educational Service Center

Grade Level: 12

Course Description: Pharmacy Tech consists of the following courses:

Course Number: 7606 Introduction to Pharmacy Technician—students will gain basic knowledge about community and institutions pharmacy practice. Topics include: Orientation to Technician duties, Medical Terminology, Introduction to Institutional Pharmacy Practice, Introduction to Community/Ambulatory Pharmacy Practice and Pharmacy Calculation. Students should have basic reading comprehension skills and high school algebra. (WITCC: PHR-105)

Course Number: 7609 Pharmacology for Pharmacy Technician—This course is designed to introduce the student to basic concepts of pharmacology as well as biological factors affecting the actions of drugs for each pharmacological classification. (WITCC: PHR-120)

Course Number: 7610 Pharmacy Technician Practicum—Student will have the opportunity to learn the clinical skills required to function as a Pharmacy Technician. Students will also have the opportunity to demonstrate clinical applications of skills and to assume the role of the Pharmacy Technician in the institutional and/or retail pharmacy setting under the direct supervision of pharmacist. (WITCC: PHR-947)

ANATOMY & PHYSIOLOGY (2 terms)
Credit: 2 **GPA:** Yes **Dual credit w/WITCC**
Required/Elective: Elective
Prerequisite:
Schools Offering Course: E, N, W
Grade Level: 11, 12
Course Description: Therapeutic Services consists of the following courses:

Course Number: 7600 Human Anatomy and Physiology I (Semester 1) This course is a combination of lecture and lab work. It explores the relationship between structure, function and homeostasis in the human body. It covers the skeletal, muscular, integumentary and nervous systems, as well as cytology and histology. (WITCC: BIO-169)

Course Number: 7620 Human Anatomy and Physiology II (Semester 2) This combination of lecture and lab work is a continuation of Anatomy & Physiology I. The topics studied include the structure and function of the cardiovascular, lymphatic, endocrine, respiratory, digestive, urinary, and reproductive systems. (WITCC: BIO-174)

INDUSTRIAL TECHNOLOGY AND ENGINEERING COURSES

COURSE#	NAME	CREDIT
9000	Industrial Arts Technology	2
9040	Intro to CAD/Machine Draft	2
9022	Power Mechanics	2
9655	Intro to Engineering Design-PLTW	2
9028	Engineering Design & Development-PLTW	2
9029	Civil Engineering & Architecture-PLTW	2
9656	Principles of Engineering-PLTW	2
9660	Digital Electronics-PLTW	2
9023	Metals Technology I	2
9042	Metals Technology II	2
9024	Basic Electrical Theory	2
9004	Woodworking	2
9653V2	Vocational Auto Technician– 2 periods	3
9653V4	Vocational Auto Technician– 4 periods	6
9654V2	Auto Body Repair–2 periods	3
9654V4	Auto Body Repair-4 periods	6
9025V2	Auto Body II– 2 periods	3
9025V4	Auto Body II-4 periods	6
9026	Physics & Technological Processes	2
GRAPHIC DESIGN I		2
9601	Photoshop	
9602	InDesign I	
9603	Mas OS	
GRAPHIC DESIGN II		2
9657	Dreamweaver	
9658	Digital Photography	
CONSTRUCTION ACADEMY I		4
9610	Intro to Construction	
9647	Basic Framing Techniques	
9612	Intro to Drywall	
WELDING ACADEMY		3
9623	Oxy Fuel Welding & Cutting	
9624	Intro to ARC Welding	
9611	Gas Metal Arc Welding (GMAW)	
9625	Intermediate ARC Welding	

COURSE #	NAME	CREDIT
	NEWTWORK SYSTEMS	2
9661	IT Essentials PC Hardware and Software	
9662	IT Essentials Advanced PC Hardware and Software	

COURSE DESCRIPTIONS

INDUSTRIAL ARTS TECHNOLOGY (2 terms)

Course Number: 9000

Credit: 2 GPA: Yes

Elective/Required: Elective

Prerequisite: None

Schools Offering Course: E, N, W

Grade Level: 9, 10, 11

Course Description: This course is designed to provide the student with basic instruction in four (4) areas of industrial education: construction, metals/welding, power mechanics and basic electronics.

INTRO TO CAD/MACHINE DRAFT (2 terms)

Course Number: 9040

Credit: 2 GPA: Yes Articulation: WITCC

Elective/Required: Elective

Prerequisite: None

Schools Offering Course: E, N, W

Grade Level: 11, 12

Course Description: This course is for students who have special interests and an aptitude in drafting. Because the standards of workmanship required are equal to those of industry, students are expected to develop careful and precise work habits. Technical vocabulary and related mathematical processes are made an integral part of this course. Effective planning, graphical expression and functional designs required for careers related to engineering are developed in the course.

POWER MECHANICS (2 terms)

Course Number: 9022

Credit: 2 GPA: Yes Articulation: WITCC

Elective/Required: Elective

Prerequisite: Industrial Arts Technology Recommended

Schools Offering Course: E, N, W

Grade Level: 10, 11, 12

Course Description: This is a one-year course designed to give the student practical knowledge and skills in maintenance and service of small gas and automotive type engines. Career opportunities will be investigated in small gas and automotive engine repair. Troubleshooting and assembling of small gas and automotive engines will be practiced in the lab.

INTRODUCTION TO ENGINEERING DESIGN –PLTW

Course Number: 9655 (2 terms)
Credit: 2 **GPA: Yes** **Dual credit w/WITCC**
Elective/Required: Elective
Prerequisite: Algebra or currently enrolled in Algebra
Schools Offering Course: E, N, W
Grade Level: 9, 10

Course Description: This course introduces students to the engineering design process and to graphical communication by means of sketches and computer aided drafting (CAD) techniques. Content is presented in the context of real life design projects. Topics covered include problem formulation, brainstorming, conceptual design, elementary technical and economic analysis, drawing layouts, projections, steel, concrete, mechanical, road, geotechnical, schematic and pictorial drawings.
(WITCC: EGT-400)

ENGINEERING DESIGN AND DEVELOPMENT—PLTW

Course Number: 9028 (2 terms)
Credit: 2 **GPA: Yes**
Elective: Elective
Prerequisite: Introduction to Engineering Design Principles of Engineering, and Digital Electronics or consent of instructor
Schools Offering Course: E, N, W
Grade Level: 11, 12

Course Description: This is the capstone course for Project Lead The Way. This is an engineering research course in which students work in teams to research, design, and construct a solution to an open-ended engineering problem. Students apply principles developed in the three preceding courses and are guided by a community mentor. They must present progress reports, submit a final written report and defend their solutions to a panel of outside reviewers at the end of the school year.

CIVIL ENGINEERING AND ARCHITECTURE—PLTW

Course Number: 9029 (2 terms)
Credit: 2 **GPA: Yes**
Elective: Elective
Prerequisite: Introduction to Engineering Design or Principles of Engineering; Geometry
Schools Offering Course: E, N, W
Grade Level: 10, 11, 12

Course Description: This is a Project Lead The Way course. This course provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other. Students use state of the art software to solve real world problems and communicate solutions to hands-on projects and activities.

PRINCIPLES OF ENGINEERING - PLTW (2 terms)

Course Number: 9656
Credit: 2 **GPA: Yes** **Dual credit w/WITCC**
Elective/Required: Elective
Prerequisite: Geometry or currently enrolled in Geometry
Schools Offering Course: E, N, W
Grade Level: 10, 11, 12

Course Description: This course helps students to understand the field of engineering / engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change.
(WITCC: EGT-410)

DIGITAL ELECTRONICS—PLTW (2 terms)

Course Number: 9660
Credit: 2 **GPA: Yes** **Dual Credit w/WITCC**
Elective/Required: Elective
Prerequisite: Principles of Engineering or Introduction to Engineering Design
Schools Offering Course: E, N, W
Grade Level: 10, 11, 12

Course Description: Students use computer simulation to learn about the logic of electronics as they design, test, and actually construct circuits and devices.

METALS TECHNOLOGY I (2 terms)

Course Number: 9023
Credit: 2 **GPA: Yes** **Articulation: WITCC**
Elective/Required: Elective
Prerequisite: Industrial Arts Technology recommended
Schools Offering Course: E, N, W
Grade Level: 10, 11, 12

Course Description: This course includes study of the three cold metals areas; machine shop, sheet metal, and bench metal plus two hot metals areas; welding and foundry/heat treating. The student has an opportunity to develop their abilities in metal working as well as understanding their relationship to our technical society. Activities will include various student-designed projects, which will reflect on one, or more of the major areas of study listed above. Cost to the student will depend on the projects completed.

METALS TECHNOLOGY II (2 terms)

Course Number: 9042
Credit: 2 **GPA: Yes**
Elective/Required: Elective
Prerequisite: Metals Technology I
Schools Offering Course: E, N, W
Grade Level: 11, 12

Course Description: A continuation of Metals Technology I by broadening the knowledge and skills the student already has developed. The course includes more in depth study of welding, foundry, machine shop, sheet metal, and bench metal. Building projects of student design using all areas of the lab is part of the course. Cost to the student will depend on the projects completed.

BASIC ELECTRICAL THEORY (2 terms)

Course Number: 9024
Credit: 2 **GPA: Yes** **Articulation: WITCC**
Meets Science Graduation Requirement
Elective/Required: Elective
Prerequisite: Industrial Arts Technology recommended
Schools Offering Course: E, N, W
Grade Level: 10, 11, 12

Course Description: This course will introduce the student to the most common electronic components: resistors, capacitors, transformers, diodes, and transistors. Use of test equipment such as VOM meters, oscilloscopes and other testing equipment will be covered, along with ohms law, series and parallel circuit concepts will be explored. Building a project is part of the course. This course may be used to satisfy two (2) credits in science towards graduation requirements! Cost to the student will depend on projects completed.

WOODWORKING (2 terms)**Course Number:** 9004**Credit:** 2 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** None**Schools Offering Course:** E, N, W**Grade Level:** 10, 11, 12

Course Description: This course includes use of power wood-working machines, table saw, radial arm saw, band saw, jointer, surface, sander (s), lathe, and others. Different kinds of woods, wood products, best uses of wood and the selection/application of wood finishes are studied. The operations listed are incorporated into the construction of worthwhile take home projects. This course is recommended for entry into the higher-level vocational carpentry.

VOCATIONAL AUTO TECHNICIAN (2 terms)**Course Number:** 9653V2**Credit:** 3 **GPA:** Yes **Dual Credit w/WITCC****Course Number:** 9653V4**Credit:** 6**Elective/Required:** Elective**Prerequisite:** Power Mechanics recommended.**Schools Offering Course:** E, N, W**Taught at Harry Hopkins Center****Grade Level:** 11, 12

Course Description: This class is designed to advance student knowledge and ability for automotive repair. Students will be encouraged to repair their own vehicles and those of others. Areas of study will include engine rebuilding, brakes, suspension systems, on board computer trouble shooting, and transmission/drive line repairs. This is a very "hands on" class facilitated in a modern auto setup. This class is a shared program with Western Iowa Tech Community College. (WITCC: AUT-164)

AUTO BODY REPAIR (2 terms)**Course Number:** 9654V2**Credit:** 3 **GPA:** Yes **Dual Credit w/WITCC****Course Number:** 9654V4**Credit:** 6**Elective/Required:** Elective**Prerequisite:** None**Schools Offering Course:** E, N, W**Taught at Harry Hopkins Center****Grade Level:** 11, 12

Course Description: This course is intended to introduce students to the basic ideas and operations of auto body repair. It includes metal straightening, welding, and painting through the use of hand and tool operations using modern equipment. To participant in the class, the student must furnish their own safety glasses, earplugs and several dusk masks. The cost of student furnished supplies will be approximately \$25.00. After the first nine weeks every student must bring in a project to work on for the rest of the year. This could mean working on several smaller projects or one large project. The students must furnish a wrecked fender that a body shop will donate to you for the program. (WITCC: CRR-102)

AUTO BODY II (2 terms)**Course Number:** 9025V2**Credit:** 3 **GPA:** Yes**Course Number:** 9025V4**Credit:** 6 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** Auto Body Repair**Schools Offering Course:** E, N, W**Taught at Harry Hopkins Center****Grade Level:** 12

Course Description: Auto Body II is an advanced study in Auto Body Repair. New material will be covered by the building on Auto Body I foundations. This new material will include plastic repair, body and structural alignment, electrical, custom painting, mechanical component repair, estimating and career opportunities. This class is designed for the student that is thinking of going to a post secondary education institution to gain job entry-level skills.

To participate in the class, the student must furnish their own safety glasses, earplugs and several dusk masks. The cost of student furnished supplies will be approximately \$25.00

Every student must bring in a project to work on. This could mean working on several smaller projects or one large project. (WITCC: CRR-202, CRR-504)

PHYSICS & TECHNOLOGICAL PROCESSES (2 terms)**Course Number:** 9026**GPA:** Yes**Credit:** 2 **Meets Science or Math graduation requirement****Elective/Required:** Elective**Prerequisite:** Pre-Algebra or higher-level math**Schools Offering Course:** E, N, W**Grade Level:** 10, 11, 12

Course Description: This course teaches basic physics concepts in the context of how they relate to four (4) energy systems (mechanical, fluid, electrical, and thermal). This course gives students a broad understanding of physics principles in an investigative laboratory program. Students planning 2 or 4 year college programs or those entering technology training will find this course will help them prepare for the high technology of the future. *This course may be used to satisfy two (2) credits in science or math toward graduation requirements.* This course meets the requirements for college admission.

GRAPHIC DESIGN I (2 terms)

Credit: 2 (Meets Fine Arts graduation requirement)
GPA: Yes **Dual Credit w/WITCC**

Elective/Required: Elective

Prerequisite: None

Schools Offering Course: E, N, W

Grade Level: 10, 11, 12

Course Description: Graphic Design I consists of the following courses:

Course Number: 9601 Photoshop I—This course is an introduction to the Adobe Photoshop software package. This course is the first in a series focusing on the software used to manipulate images used for digital and printed media. Topics include introduction to the software interface, tools, palettes, selections, layers, basic retouching techniques, basic realistic editing techniques, and introduction to collage and importing images from scanners and digital cameras. (WITCC: GRA-143, Photoshop)

Course Number: 9602 InDesign I—This course is an introduction to the Adobe InDesign software, used to create page layouts used in print/web design and publishing. It will include a study of the software interface, typography, and combination of text with digital images to create professional layouts. (WITCC: GRA-136, InDesign I)

Course Number: 9603 Mac OS—Introduction to the Apple Macintosh operating system. Topics covered will include Mac OS interface, logging in as a user, customizing your workspace, connecting to a server, creating, naming and saving folders, burning CDs, introduction to iLife, and identifying hardware. (WITCC: GRA-100, Mac OS)

GRAPHIC DESIGN II (2 terms)

GPA: Yes **Dual Credit: WITCC**

Credit: 2 Meets Fine Arts requirement

Elective/Required: Elective

Prerequisite: None

Schools Offering Course: E, N, W

Grade Level: 10, 11, 12

Course Description: Graphic Design II consists of the following courses:

Course Number: 9657 Dreamweaver I—This course introduces the student to the Macromedia® Dreamweaver software package. Topics include planning a web site, defining a root folder, adding links, forms, text, frames and graphics to a web page. Students will create a basic web site and upload it to a server. (WITCC: GRA-252)

Course Number: 9658 Digital Photography—This course introduces students to the digital camera. Students study and practice the varied artistic applications of digital images as enhanced with computer software. A digital camera is required. (WITCC: ART-186)

CONSTRUCTION ACADEMY (2 terms)

Credit: 3 **GPA:** Yes **Articulated w/WITCC**

Elective/Required: Elective

Prerequisite: Woodworking

Schools Offering Course: E, N, W

Grade Level: 10, 11, 12

Course Description: This course combines lecture and lab work in the following subject areas:

Course Number: 9005 Introduction to Construction Shop—an introduction into Carpentry or Construction classes. The content covers personal safety, tool safety, tool maintenance, and hand and power tool identification and proper use. (WITCC: CON-136)

Course Number: 9006 Basic Framing Techniques—a background in woods, fasteners and materials, and introduces blueprint reading. This class will include hands-on experience in the framing of exterior and interior walls, doors and window openings, and interior walls. Beginning rafter construction and roof framing and finishing are also covered. (WITCC: CON-204)

Course Number: 9007 Introduction to Drywall—introduces the basics of hanging and taping drywall and its uses in residential construction. This course will also provide the necessary knowledge and skills to insulate a structure. (WITCC: CON-209)

WELDING ACADEMY (2 Terms)**Credit:** 4 **GPA:** Yes **Dual credit w/WITCC****Elective/Required:** Elective**Prerequisite:** Industrial Arts Technology**Schools Offering:** E, N, W**Grade Level:** 11, 12**Course Description:** Welding Academy consists of the following courses:

Course Number: 9623 Oxy Fuel Welding & Cutting—This course is a combined lecture and lab course. It presents basic fundamentals, the operation of equipment, and safety practices. Includes fusion welding and brazing on light gauge metals, cutting on heavy and light gauge metals, and welding of small diameter pipe. (WITCC: WEL-120)

Course Number: 9624 Introduction to ARC Welding—This is a combined lecture and lab course designed for students to prepare for the AWS Certification. Students will study safety, heat settings, polarity, and the proper selection of electrodes in the arc welding process. This course covers welding on carbon steel plate using visual and destructive methods of determining weld quality to AWS Standards. (WITCC: WEL-147)

Course Number: 9611 Gas Metal ARC Welding (GMAW) - This course consists of both lecture and lab and presents the Gas Metal Arc welding (MIG) process used extensively by industry. Hands-on applications, metal transfer concepts, GMAW equipment, welding procedures, out of position welding, and safety are emphasized. (WITCC: WEL-186)

Course Number: 9625 Intermediate ARC Welding— This is the second of two courses designed for students to prepare for the AWS certification. It is a combined lecture and lab course. Students safety, heat settings, polarity, penetration welding, horizontal and vertical welding, and the proper selection of electrodes in the arc welding process. Welding on carbon steel plate using visual and destructive methods of determining weld quality to AWS Standards is covered. (WITCC: WEL-148)

NETWORK SYSTEMS (2 terms)**Credit:** 2 **GPA:** Yes**Elective/Required:** Elective **Dual Credit w/WITCC****Prerequisite:** None**Schools Offering:** E, N, W**Grade Level:** 11, 12**Course Description:** Network Systems consists of the following courses:

Course Number: 9661 IT Essentials I: PC Hardware & Software—This is a combined lecture and lab course covering the fundamentals of computer technology, networking, security and communication skills. It is designed for students seeking career-orientated, entry-level hardware and software positions and prepares students for the Comptia A+ certification exams. (WITCC: NET-161)

Course Number: 9662 IT Essentials: Advanced PC Hardware & Software—This course covers advanced computer hardware and software concepts and builds on the fundamental skills covered in IT Essentials I with more comprehensive labs and troubleshooting scenarios. It is a combined lecture and lab course designed for students seeking career-orientated, entry-level hardware and software positions and prepares students for the Comptia A+ certification exams. (WITCC: NET-162)

LANGUAGE ARTS COURSES

COURSE #	NAME	CREDIT
1000	English I	2
1200	Honors English I	2
1020	English II	2
1220	Honors English II	2
1040	English III	2
1240	Honors English III	2
1042	Contemp. Lit & Comp	2
1060	English IV	2
1461	AP English Lit & Comp	2
1017	Fusion Reading	2
1001	Lang. Arts Support I	2
1021	Lang. Arts Support II	2
1041	Lang. Arts Support III	2
1003	Advanced Speech	1
1004	Debate	1
1005	Humanities (See <i>Fine Arts</i>)	1
1022	Mass Communications	2
1655	English Composition I	1
1656	English Composition II	1

COURSE DESCRIPTIONS

ENGLISH I (2 terms)
Course Number: 1000
Credit: 2 GPA: Yes
Elective/Required: Required
Prerequisite: None
Schools Offering Course: E, N, W
Grade Level: 9
Course Description: Students in English I explore the ways that audience, purpose, and context shape oral communication, written communication, and media and technology. While emphasis is placed on communicating for purposes of personal expression, students also engage in meaningful communication for expository, persuasive, and literary purposes. Students will also use some technical writing and research skills. Writing instruction will include process and structure based on fiction and nonfiction.

HONORS ENGLISH I (2 terms)
Course Number: 1200
Credit: 2 GPA: Yes
Elective/Required: Meets English I Graduation Requirement
Prerequisite: None
Schools Offering Course: E, N, W
Grade Level: 9
Course Description: Students in Honors English I will have challenging opportunities to explore the ways that audience, purpose, and context shape oral and written communication and media/technology. The Honors English I course, while meeting the same standards as English I, will be demonstrably more challenging and provide multiple occasions for students to take greater responsibility for their learning. Honors courses are distinguished by a differences in the quality of the work expected rather than merely by the quantity of the work required. While emphasis is placed on communicating for purposes of personal expression, students also engage in meaningful communication for expository, persuasive, and critical purposes.

For students not previously TAG identified, counselors/teachers may initiate the referral process and the TAG Department will complete a case study to determine placement.

ENGLISH II (2 terms)
Course Number: 1020
Credit: 2 GPA: Yes
Elective/Required: Required
Prerequisite: English I
Schools Offering Course: E, N, W
Grade Level: 10
Course Description: Students in English II read, discuss, and write about both classical and contemporary world literature through which students will identify cultural significance. They will examine pieces of literature in a cultural context to appreciate the diversity and complexity of world issues and to connect global ideas to their own experiences. Students will continue to explore language for expressive, informative, and critical purposes, although emphasis will be placed on informative texts. Writing instruction will emphasize research skills.

HONORS ENGLISH II (2 terms)**Course Number:** 1220**Credit:** 2 **GPA:** Yes**Elective/Required:** Meets English II graduation requirement**Prerequisite:** Honors English I**Schools Offering Course:** E, N, W**Grade Level:** 10

Course Description: Students in Honors English II read, discuss, and write about both classical and contemporary world literature. Prominent British literature selections chosen for college preparation will be emphasized second semester. Students will examine pieces of literature in a cultural context to appreciate the diversity and complexity of world issues and to connect global ideas to their own experiences. Students give several speeches/presentations throughout the year as well as participate in analytical discussion. The Honors English II course is demonstrably more challenging and provides multiple occasions for students to take greater responsibility for their learning. Honors courses are distinguished by differences in the quality of the work expected rather than merely by the quantity of the work required. Students will continue to explore language for expressive, informative, critical, argumentative/persuasive and literary purposes. Emphasis will be placed on informative contexts.

For students not previously TAG identified, counselors/teachers may initiate the referral process and the TAG Department will complete a case study to determine placement.

ENGLISH III (2 terms)**Course Number:** 1040**Credit:** 2 **GPA:** Yes**Elective/Required:** Required**Prerequisite:** English II**Schools Offering Course:** E, N, W**Grade Level:** 11

Course Description: Students in English III analyze United States literature as it reflects social perspective and historical significance by continuing to use language for expressive, informative, persuasive, and literary purposes. The emphasis in English III is critical analysis of fiction and nonfiction texts through reading, writing, speaking, listening, and using media.

HONORS ENGLISH III (2 terms)**Course Number:** 1240**Credit:** 2 **GPA:** Yes**Elective/Required:** Meets English III graduation requirement**Prerequisite:** Honors English II**Schools Offering Course:** E, N, W**Grade Level:** 11

Course Description: Students in Honors English III analyze United States literature as it reflects social perspective and historical significance. By researching the diversity of the American experience and examining relationships between the past and present, students will interpret and evaluate representative texts to deepen understanding of literature of the United States. Honors English III is demonstrably more challenging and provides multiple occasions for students to take greater responsibility for their learning. Honors courses are distinguished by a difference in the quality of the work expected rather than merely by the quantity of the work required. The emphasis in Honors English III is critical analysis of texts through reading, writing, speaking, listening, and using media. Students will also explore language for expressive, informative, and persuasive purposes.

CONTEMPORARY LITERATURE & COMPOSITION**Course Number:** 1042

(2 terms)

Credit: 2 **GPA:** Yes**Elective/Required:** Meets English III graduation requirement**Prerequisite:** Lang. Arts Support I and/or Lang. Arts Support II**Schools Offering Course:** E, N, W**Grade Level:** 11

Course Description: Student in contemporary Literature and Composition will continue to explore expressive, informative, persuasive, and critical texts through contemporary literature that equips students to become life-long learners. The emphasis is critical analysis of fiction and nonfiction texts through reading, writing, speaking, listening, and using media.

ENGLISH IV (2 terms)**Course Number:** 1060**Credit:** 2 **GPA:** Yes**Elective/Required:** Required**Prerequisite:** English III**Schools Offering Course:** E, N, W**Grade Level:** 12

Course Description: Students in English IV will integrate all the language arts skills gained throughout their education. The curriculum both affirms these skills and equips the students to be life-long learners. Students continue to explore expressive, informative, argumentative, and critical contexts through contemporary literature. The emphasis in English IV is on argumentation by developing a position of advocacy through reading, writing, speaking, listening,, and using media.

AP ENGLISH LITERATURE AND COMPOSITION**Course Number:** 1461

(2 terms)

Credit: 2 **GPA:** Yes **Weighted****Elective/Required:** Meets English IV requirement**Prerequisite:** English III with teacher recommendation**Schools Offering Course:** E, N, W**Grade Level:** 12

Course Description: AP English Literature and Composition immerses students in novels, plays, poems, and short stories from various periods. Students will read and write daily, using a variety of multimedia and interactive activities, interpretive writing assignments, and class discussions to assess and improve their skills and knowledge. The curriculum places special emphasis on reading comprehension, structural and critical analysis of written works, literary vocabulary, and recognizing and understanding literary devices. AP English Literature and Composition prepares students for the AP Exam. The content aligns to the scope and sequence specified by the College Board and to widely used textbooks.

FUSION READING (2 terms)**Course Number:** 1017**Credit:** 2 **GPA:** Yes**Elective/Required:** Elective**Schools Offering Course:** E, N, W**Grade Level:** 9 (10 with teacher recommendation)

Course Description: This course is designed to meet daily. Fusion Reading is a highly structured course designed to teach a variety of high-leverage reading strategies. A major goal is to increase student motivation, engagement, and reading outcomes.

LANGUAGE ARTS SUPPORT I (2 terms)**Course Number:** 1001**Credit:** 2 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** Identified**Schools Offering Course:** E, N, W**Grade Level:** 9

Course Description: This course provides instruction in basic language skills, integrating reading, writing, speaking, and listening while placing emphasis on individual student progress. Emphasis is placed on reading a wide range of self-selected fiction and nonfiction, as well as vocabulary, fluency, and comprehension strategies. Students are engaged in small group learning or individual instruction with the teacher. Students will be actively involved in book choice, goal-setting and self-monitoring as they accelerate the level at which they read. Students are identified by reading proficiency levels on ITBS. This course provides identified students with an opportunity to read more efficiently in order to progress at a steady rate through high school. Two semesters of Language Arts Support may meet English IV graduation requirements.

LANGUAGE ARTS SUPPORT II (2 terms)**Course Number:** 1021**Credit:** 2 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** Identified**Schools Offering Course:** E, N, W**Grade Level:** 10

Course Description: This class focuses on modeled, effective reading and writing strategies taught through explicit instruction. Instruction integrates reading, writing, speaking and listening. Pre-assessment and differentiated instruction provides a classroom structure that supports time, choice, response, and goal-setting. Students work to improve their reading and writing skills, develop cognitive comprehension and vocabulary strategies, recognize text structures, increase fluency, and conference about independent reading. Students are identified by reading proficiency levels on ITED. The strategies learned in this class will help the student to master the basic skills of the English II curriculum. Two semesters of Language Arts Support may meet English IV graduation requirements.

LANGUAGE ARTS SUPPORT III (2 terms)**Course Number:** 1041**Credit:** 2 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** Identified**Schools Offering Course:** E, N, W**Grade Level:** 11

Course Description: This class focuses on modeled, effective reading and writing strategies taught through explicit instruction. Instruction integrates reading, writing, speaking and listening. Pre-assessment and differentiated instruction provides a classroom structure that supports time, choice, response, and goal-setting. Students work to improve their reading and writing skills, develop cognitive comprehension and vocabulary strategies, recognize text structures, increase fluency, and conference about independent reading. Students are identified by reading proficiency levels on ITED. The strategies learned in this class will help the student to master the basic skills of the English III curriculum. Two semesters of Language Arts Support may meet English IV graduation requirements.

ADVANCED SPEECH (1 term)**Course Number:** 1003**Credit:** 1 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** None**Schools Offering Course:** E, N, W**Grade Level:** 11, 12

Course Description: Following the guidelines of the Iowa High School Speech Association, students will practice and develop individual and large group communication skills. The course will provide opportunities for students to research, write, present, and critique original speeches and presentations for various audiences. Students will be encouraged to participate in extracurricular competitive IHSSA contests. Students will complete the course with an increased self-confidence in public speaking, and verbal communication skills.

DEBATE (1 term)**Course Number:** 1004**Credit:** 1 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** None**Schools Offering Course:** E, N, W**Grade Level:** 9, 10, 11, 12

Course Description: This course teaches techniques of research and debate through both writing and speaking. Logic and reasoning, research and analysis, organization of thought and supporting materials, argumentative style and skill, and effective presentation of one's voice and body are developed. Participation in competition is required.

MASS COMMUNICATIONS (2 terms)**Course Number:** 1022**Credit:** 2 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** English I**Schools Offering Course:** E, N, W**Grade Level:** 10, 11, 12

Course Description: This course gives students an opportunity to explore and research both print and non-print media. The class examines the history of journalism, journalism and law, newspapers, advertising, and television and films. In addition, students will focus on propaganda techniques and their effects on consumers. Students will learn specialized writing skills in researching, organizing, and writing in a persuasive or technical style on given topics.

ENGLISH COMPOSITION I (1st Semester)

Course Number: 1655

Credit: 1 **GPA:** Yes **Dual Credit w/WITCC**
Meets English IV, Semester 1 requirement

Elective/Required: Elective

Prerequisite: English III

Grade Level: 12

Schools Offering Course: E, N, W

Course Description: This course is an exploration of writing as a process with attention to audience, purpose, and patterns of exposition. Students will write a variety of essays, including times essays. The course will also deepen the students' understanding of MLA form, grammatical errors often made in college writing, and reading for understanding. (WITCC: ENG-105)

ENGLISH COMPOSITION II (2nd Semester)

Course Number: 1656

Credit: 1 **GPA:** Yes **Dual Credit w/WITCC**
Meets English IV, Semester 2 requirement

Elective/Required: Elective

Prerequisite: English Composition I

Grade Level: 12

Schools Offering Course: E, N, W

Course Description: This course is a continuation of English Composition I, with an emphasis on developing more complex and sophisticated forms of expression. Students will use higher level thinking skills to focus on persuasive writing, including a research paper. (WITCC: ENG-106)

MATHEMATICS COURSES

COURSE #	NAME	CREDIT
5001	Pre-Algebra	2
5005	Algebra I A	2
5006	Algebra I B	2
5004	Algebra I	2
5020	Geometry	2
5220	Honors Geometry	2
5040	Algebra II	2
5240	Honors Algebra II	2
5009	Pre-Calculus	2
5010	Calculus w/Analytical Geometry	1
5668	Calculus I	1
5021	Advanced Calculus	1
5694	Calculus II	1
5400	AP Statistics	2

ALGEBRA IA (2 terms)
Course Number: 5005 **GPA:** Yes
Credit: 2 Meets Algebra I, Semester 1 requirement
Elective/Required: Required if not taking Algebra I
Prerequisite: None
Schools Offering Course: E, N, W
Grade Level: 9, 10, 11
Course Description: This course is designed to teach the fundamental concepts of Algebra in depth over a two-year period. It will cover the same topics as Algebra I only at a slower pace. It is intended to increase opportunities for practice and development of all the Algebra I topics.

ALGEBRA IB (2 terms)
Course Number: 5006 **GPA:** Yes
Credit: 2 Meets Algebra I, Semester 2 requirement
Elective/Required: Required if not taking Algebra I
Prerequisite: Algebra IA or Algebra I Semester I
Schools Offering Course: E, N, W
Grade Level: 9, 10, 11, 12
Course Description: This course is designed to teach the fundamental concepts of Algebra in depth over a two-year period. It will cover the same topics as Algebra I only at a slower pace. It is intended to increase opportunities for practice and development of all the Algebra I topics.

ALGEBRA I (2 terms)
Course Number: 5004 **GPA:** Yes
Credit: 2
Elective/Required: Required
Prerequisite: None
Schools Offering Course: E, N, W
Grade Level: 9, 10, 11, 12
Course Description: This course is designed to teach the fundamental algebraic concepts in depth. The course introduces many new abstract concepts that are vital for future math and science applications. Topics covered include integers, linear and quadratic equations, systems, graphing, and polynomials. There are many every-day applications that will keep the students challenged and engaged.

GEOMETRY (2 terms)
Course Number: 5020 **GPA:** Yes
Credit: 2
Elective/Required: Elective
Prerequisite: Algebra I
Schools Offering Course: E, N, W
Grade Level: 9, 10, 11, 12
Course Description: This course is designed to teach the concepts of Euclidean Geometry in conjunction with the application of Algebra I topics. Inductive and deductive reasoning are employed while both plane and solid geometry are studied.

COURSE DESCRIPTIONS

PRE-ALGEBRA (2 terms)
Course Number: 5001
Credit: 2 **GPA:** Yes
Elective/Required: Elective
Prerequisite: None
Schools Offering Course: E, N, W
Grade Level: 9, 10
Course Description: This course is a transition from mathematics to algebra. The purpose is to pave the way for a progressive mastery of more difficult and complex skills as a prerequisite for understanding algebraic concepts in an informal way and to build a foundation for a formal study of Algebra. Topics include language of Algebra, integers, problem solving, factors, functions, rationales, equations, inequalities, proportions, percentages, statistics and probability.

HONORS GEOMETRY (2 terms)
Course Number: 5220
Credit: 2 **GPA: Yes**
Elective/Required: Elective
Prerequisite: This course is only offered to 9th grade students who have received a grade of B or higher in Algebra I.
School Offering Course: E, N, W
Grade Level: 9
Course Description: Honors Geometry is a rigorous course that applies many concepts introduced in Algebra I geared towards advanced math placement students that are college bound. This course will exceed the general Geometry curriculum both in depth and breadth. The course also includes examination of proofs and classical constructions.

ALGEBRA II (2 terms)
Course Number: 5040
Credit: 2 **GPA: Yes**
Elective/Required: Elective
Prerequisite: Geometry
Schools Offering Course: E, N, W
Grade Level: 9, 10, 11, 12
Course Description: This course introduces many new concepts, builds on those introduced in Algebra I, and is geared for the college bound student. An understanding of linear, quadratic, exponential, and square root functions is emphasized. Other topics include linear programming, matrices, complex numbers, rational expressions, and conic sections.

HONORS ALGEBRA II (2 terms)
Course Number: 5240
Credit: 2 **GPA: Yes**
Elective/Required: Elective
Prerequisite: This course is only offered to 9th and 10th grade students who have received a grade of B or higher in Algebra I and Geometry.
Schools Offering: E, N, W
Grade Level: 9, 10
Course Description: Honors Algebra II is a rigorous course that continues the concepts introduced in Algebra I and introduces many new concepts geared towards advanced math placement students who are college bound. This course will exceed the general Algebra II curriculum both in depth and the pace in which the material is covered. Topics covered in addition to the Algebra II course include probability and statistics, sequences and series, trigonometry, recursion, induction, and technology applications are also applied.

PRE-CALCULUS (2 terms)
Course Number: 5009
Credit: 2 **GPA: Yes**
Elective/Required: Elective
Prerequisite: Geometry, and Algebra II
Schools Offering Course: E, N, W
Grade Level: 10, 11, 12
Course Description: This course is a college preparatory course that includes topics in trigonometric functions, inverses, and equations. Topics also include right triangle trigonometry, law of sines and cosines, trigonometric identities, and applications. Other topics taught include polar coordinates, complex numbers, conic sections, exponential and logarithmic functions, binomial theorem, and arithmetic and geometric sequences and series.

CALCULUS w/ANALYTICAL GEOMETRY (Semester 1)
Course Number: 5010
Credit: 1 **GPA: Yes** **Weighted**
Elective/Required: Elective
Prerequisite: Pre-Calculus
Schools Offering Course: E, N, W
Grade Level: 11, 12
Course Description: This course introduces the basics of limits, differential and integral calculus, and their applications. Topics include the slope of a curve, the rate of change of a function, properties of limits, derivatives of algebraic and trigonometric functions, extrema, the Mean Value Theorem, integration, area and volume

CALCULUS I (Semester 2)
Course Number: 5668 **Weighted**
Credit: 1 **GPA: Yes** **Dual Credit w/WITCC**
Elective/Required: Elective
Prerequisite: Calculus w/Analytic Geometry
Schools Offering Course: E, N, W
Grade Level: 11, 12
Course Description: This course is a review of analytic geometry and functions; a study of limits, continuity, differentiation, and integration. There is an emphasis on theory, applications, and computer use throughout the course. (WITCC: MAT-211)

ADVANCED CALCULUS (Semester 1)
Course Number: 5021
Credit: 1 **GPA: Yes** **Weighted**
Elective/Required: Elective
Prerequisite: Calculus I
Schools Offering: E, N, W
Grade Level: 11, 12
Course Description: This course is a continuation of Calculus I. The course deals with techniques of integration, series, analytic geometry, vectors and quadric surface. Techniques of integration will cover integration by parts, trigonometric integral and substitutions, integrating rational functions by partial fractions, using tables of integrals and improper integrals. Infinite series will include Taylor, Maclaurin, Alternating and power series, convergence, comparison, ratio and root tests.

CALCULUS II (Semester 2)
Course Number: 5694 **Weighted**
Credit: 1 **GPA: Yes** **Dual Credit w/WITCC**
Elective/Required: Elective
Prerequisite: Advanced Calculus
Schools Offering: E, N, W
Grade Level: 11, 12
Course Description: Calculus II is a continued study of integration along with a study of transcendental functions, numerical methods, indeterminate form, improper integration sequences and series, conics, and polar coordinates. There is an emphasis on theory, applications, and computer use throughout the course. (WITCC: MAT-217)

AP STATISTICS

(2 terms)

Course Number: 5400**Credit:** 2

GPA: Yes

Weighted**Elective/Required:** Elective**Prerequisite:** Algebra II**Schools Offering:** E, N, W**Grade Level:** 11, 12

Course Description: The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring Data: Describing patterns and departures from patterns.
2. Sampling and Experimentation: Planning and conducting a study.
3. Anticipating Patterns: Exploring random phenomena using probability and simulation.
4. Statistical Inference: Estimating population parameters and testing hypotheses.

AP Statistics prepares students for the AP Exam.

PHYSICAL EDUCATION COURSES

COURSE #	NAME	CREDIT
6000	PE Semester 1	.5
6001	PE Semester 2	.5
6008	Strength & Conditioning I Semester 1	.5
6009	Strength & Conditioning I Semester 2	.5
6006	Total Well Being Semester 1	1
6007	Total Well Being Semester 2	1
6004	Lifeguard Training	1
6005	Introduction to Dance	1

COURSE DESCRIPTIONS

PHYSICAL EDUCATION (Semester 1)

Course Number: 6000

Credit: 0.5

GPA: No

Elective/Required: Elective (Meets Physical Education graduation requirement)

Prerequisite: None

Schools Offering Course: E, N, W

Grade Level: 9, 10, 11, 12

Course Description: Students enrolled in Physical Education will experience a diverse educational program that allows students to experiment in and enjoy physical activity with a goal to become more fit and to obtain healthy lifetime fitness habits. This course includes basic and advanced skills, understanding and appreciation of rules, strategy, movement, and healthy living. Units of instruction include: Aerobics, archery, soccer, volleyball, table tennis, badminton, basketball, softball, pickleball, cross country skiing, snow shoeing, weight training, recreational games, and health topics. All students will be assessed using the Fitnessgram/Activitygram. *This course is graded on a Pass/Fail basis. A Pass is required for graduation.*

PHYSICAL EDUCATION (Semester 2)

Course Number: 6001

Credit: 0.5

GPA: No

Elective/Required: Elective (Meets Physical Education graduation requirement)

Prerequisite: None

Schools Offering Course: E, N, W

Grade Level: 9, 10, 11, 12

Course Description: Students enrolled in Physical Education will experience a diverse educational program that allows students to experiment in and enjoy physical activity with a goal to become more fit and to obtain healthy lifetime fitness habits. This course includes basic and advanced skills, understanding and appreciation of rules, strategy, movement, and healthy living. Units of instruction include: Aerobics, archery, soccer, volleyball, table tennis, badminton, basketball, softball, pickleball, cross country skiing, snow shoeing, weight training, recreational games, and health topics. All students will be assessed using the Fitnessgram/Activitygram. *This course is graded on a Pass/Fail basis. A Pass is required for graduation.*

STRENGTH AND CONDITIONING (Semester 1)
Course Number: 6008 (Meets PE graduation requirement)
Credit: 0.5 **GPA:** Yes
Elective/Required: Elective
Prerequisite: None
Schools Offering Course: E, N
Grade Level: 9, 10, 11, 12

Course Description: This course is designed for students with little or no prior weight room experience. Students will be introduced to the benefits of strength training and its contributions to overall health. Strength and conditioning will provide students an overview of the skills, development, and training principles of a strength and conditioning regiment. The course will focus on proper lifting techniques, safety procedures, training intensity, injury prevention, nutrition, conditioning, and fitness programming. All students will be assessed using the Fitnessgram/Activitygram. *This class meets every other day.*

STRENGTH AND CONDITIONING (Semester 2)
Course Number: 6009 (Meets PE graduation requirement)
Credit: 0.5 **GPA:** Yes
Elective/Required: Elective
Prerequisite: None
Schools Offering Course: E, N
Grade Level: 9, 10, 11, 12

Course Description: This course is designed for students with little or no prior weight room experience. Students will be introduced to the benefits of strength training and its contributions to overall health. Strength and conditioning will provide students an overview of the skills, development, and training principles of a strength and conditioning regiment. The course will focus on proper lifting techniques, safety procedures, training intensity, injury prevention, nutrition, conditioning, and fitness programming. All students will be assessed using the Fitnessgram/Activitygram. *This class meets every other day.*

TOTAL WELL BEING (Semester 1)
Course Number: 6006 (Meets PE graduation requirement)
Credit: 1 **GPA:** Yes
Elective/Required: Elective
Prerequisite: None
Schools Offering Course: E, N, W
Grade Level: 9, 10, 11, 12

Course Description: This course is designed for those students who have a previous experience in strength training. In this course, students will be developing individualized conditioning programs for lifetime fitness. Students will also engage in activities that benefit cardiovascular endurance, agility, speed, quickness, plyometrics, flexibility development, and health and wellness related issues that affect their individual development. This class offers a higher level of intensity for those students who want to improve their overall fitness level. All students will be assessed using the Fitnessgram/Activitygram. *This class meets daily.*

TOTAL WELL BEING (Semester 2)
Course Number: 6007 (Meets PE graduation requirement)
Credit: 1 **GPA:** Yes
Elective/Required: Elective
Prerequisite: None
Schools Offering Course: E, N, W
Grade Level: 9, 10, 11, 12

Course Description: This course is designed for those students who have a previous experience in strength training. In this course, students will be developing individualized conditioning programs for lifetime fitness. Students will also engage in activities that benefit cardiovascular endurance, agility, speed, quickness, plyometrics, flexibility development, and health and wellness related issues that affect their individual development. This class offers a higher level of intensity for those students who want to improve their overall fitness level. All students will be assessed using the Fitnessgram/Activitygram. *This class meets daily.*

LIFEGUARD TRAINING (1 term)
Course Number: 6004- daily
Credit: 1 **Pass/Not Pass Grading**
Elective/Required: Elective (Meets PE graduation requirement)
Prerequisite: Student must be 15 years of age before the completion of this course. Pre-course skills pretest is required.
Schools Offering Course: E, N, W
Grade Level: 9, 10, 11, 12

Course Description: This course provides entry level lifeguard candidates with the skills and knowledge to prevent, recognize and respond to emergencies and to provide care for injuries and sudden illnesses until advanced medical personnel arrive and take over. Upon completion of the necessary skills and written tests, the candidate will obtain certification enabling them to be employed as a lifeguard. Fee: To Be Determined (Red Cross texts and materials)

DANCE

INTRODUCTION TO DANCE (1 term)
Course Number: 6005
Credit: 1 **GPA:** Yes
Elective/Required: Elective (Meets graduation requirement for Physical Education or Fine Arts)
Prerequisite: None
Schools Offering Course: E, N, W
Grade Level: 9, 10, 11, 12

Course Description: This course will include a written, hands-on, and visual approach to the historical development and cultural characteristics of dance. Students will experience basic technique and movements. Students will be empowered to make choices, practice social responsibility, meet challenges and develop positive behaviors. Students will gain flexibility and fitness that leads to wellness activity for a lifetime. *This class meets daily. (Cannot be repeated)*

SCIENCE COURSES

COURSE #	NAME	CREDIT
7001	Earth Science	2
7008	Origins of Science	2
7000	Biology I	2
7020	Biology II Laboratory	2
7021	Field Biology	2
7022	Biotechnology	1
7420	AP Biology	2
7220	Honors Biology	2
7023	Chemistry	2
7223	Honors Chemistry	2
7423	AP Chemistry	2
9026	Physics & Technological Processes	2
7040	Physics I	2
7641	Physics II	2
7K01	Human Biology	1
ANATOMY & PHYSIOLOGY		2
7600	Human Anatomy & Physiology I	
7620	Human Anatomy & Physiology II	
4009	Food Science Technology	2
9024	Basic Electrical Theory	2

ORIGINS OF SCIENCE (2 terms)

Course Number: 7008

Credit: 2 GPA: Yes

Elective/Required: Elective

Prerequisite: None

Schools offering course: E, N, W

Grade level: 9, 10, 11, 12

Course description: Integrated science is designed to develop scientific and technological literacy through a variety of activities that emphasize problem solving, critical thinking skills and teamwork. The core areas – Chemistry, Physics, Biology and Earth – are all covered in this hands-on approach to Science. This course is recommended for most freshmen to give a basic overview of core sciences. Laboratory work is emphasized as an important part of Integrated Science.

BIOLOGY I (2 terms)

Course number: 7000

Credit: 2 GPA: Yes

Elective/Required: Required

Prerequisite: none

Schools offering course: E, N, W

Grade level: 9, 10, 11, 12

Course Description: This course includes the study of living organisms - plants and animals. It develops an understanding of structure, function, and ecological principles in the living world. Laboratory work is emphasized with outside activities as an important part of biological science. In the first semester the units of study include environmental studies, molecular biology, reproduction, cellular biology, heredity and genetics. Second semester consists of the study of plants, animals, bacteria, protozoa, and fungi.

BIOLOGY II LABORATORY (2 terms)

Course Number: 7020

Credit: 2 GPA: Yes

Elective/Required: Elective

Prerequisite: Biology I (Minimum C Grade or Teacher Permission)

Schools Offering Course: E, N, W

Grade Level: 10, 11, 12

Course description: Biology II laboratory expands on the concepts and principals presented in Biology I. The course is laboratory oriented and the material covered is college preparatory in nature with special emphasis on careers in the medical field. The first semester emphasizes the molecular, cellular, and hereditary bases of life. The second semester covers human anatomy and physiology.

COURSE DESCRIPTIONS

EARTH SCIENCE

(2 terms)

Course number: 7001

Credit: 2 GPA: Yes

Elective/Required: Elective

Prerequisite: none

Schools offering course: E, N, W

Grade level: 10, 11, 12

Course description: Earth Science is a laboratory-oriented course, which can be used to satisfy the science requirement for many colleges. Students will investigate the various aspects of the earth. Areas of study include the study of rocks and minerals, earthquakes, glaciers, atmosphere, geologic time, weather, oceans and astronomy.

FIELD BIOLOGY

(2 terms)

Course Number: 7021**Credit:** 2

GPA: Yes

Elective/Required: Elective**Prerequisite:** Biology I (minimum C grade or teacher permission)**Schools Offering Course:** E, N, W**Grade Level:** 10, 11, 12

Course Description: Field Biology consists of the identification and study of common organisms found on the school campus and various ecosystems common to the Iowa region. Indoor and outdoor hands-on laboratory activities are performed to show how organisms adapt to live within their habitats. Understanding how each organism is unique and how it fits into its habitat is essential to understanding the fascinating world existing at our doorstep. Laboratory work will include specimen collection techniques, use of taxonomic keys, use of soil and water quality analysis equipment, and ecological field methods. This experience will include Hunter Safety Education, Winter Survival, Taxidermy, and the effects of man on the environment.

BIOTECHNOLOGY

(1 term)

Course Number: 7022**Credit:** 1

GPA: Yes

Elective/Required: Elective**Prerequisite:** Biology I (minimum C grade or teacher permission)**Schools Offering Course:** E, N, W**Grade Level:** 10, 11, 12

Course Description: This course is lab oriented and is designed to provide accurate information about the field of biotechnology. Biotechnology is the study and manipulation of living things or their component molecules, cells, tissues, or organs. Biotechnology is an expansive field that includes many modern techniques that involve DNA, such as recombinant DNA technology, polymerase chain reaction and cloning. The newly coined term "Biotechnology" has been used since the 1970's to reflect the application of exciting new technologies to the research and development of products from plant and animal cells.

AP BIOLOGY

(2 terms)

Course Number: 7420**Credit:** 2

GPA: Yes

Weighted

Elective/Required: Elective**Prerequisite:** Biology I or Honors Biology I and Chemistry I or Honors Chemistry I**Schools Offering Course:** E, N, W**Grade Level:** 11, 12

Course Description: AP Biology is designed to be taken by students after the successful completion of a first course in high school biology and a high school chemistry course. This course will provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. **AP Biology prepares students for the AP Exam which students will be required to take at the end of the course. The content aligns to the scope and sequence specified by the College Board and to widely used textbooks.**

HONORS BIOLOGY

(2 terms)

Course Number: 7220**Credit:** 2

GPA: Yes

Elective/Required: Elective**Prerequisite:** Suggested - Teacher and counselor recommendation**Schools Offering Course:** E, N, W**Grade Level:** 9, 10, 11, 12,

Course Description: Honors Biology is an advanced level Biology course designed for the advanced level student and is a recommended prerequisite for AP Biology and AP Chemistry. This course will exceed the general Biology course both in depth and the pace in which the material is covered. The course sequence is cells, genetics, evolution, history of life, classification, microbiology, protists, fungi, plants, animals and ecology.

CHEMISTRY

(2 terms)

Course Number: 7023**Credit:** 2

GPA: Yes

Elective/Required: Elective**Prerequisite:** Algebra I with minimum C grade or teacher permission**Schools Offering Course:** E, N, W**Grade Level:** 10, 11, 12

Course Description: Chemical aspects of matter and energy are studied through discussion and laboratory experiments. Laboratory observations and measurements lead to the development of chemical principles. Some descriptive and historical chemistry is included. A course in Chemistry is recommended by many colleges and universities as one of the lab courses students should take in their high school careers.

HONORS CHEMISTRY

(2 terms)

Course Number: 7223**Credit:** 2

GPA: Yes

Elective/Required: Elective**Prerequisite:** Suggested - Teacher and counselor recommendation**Schools Offering Course:** E, N, W**Grade Level:** 10, 11, 12

Course Description: Honors Chemistry is an advanced level chemistry course that exceeds the standard high school chemistry course both in the depth and in the pace at which the material is covered. This course is designed for the advanced student. A course in Chemistry is recommended by many colleges and universities as one of the lab courses students should take in their high school careers.

AP CHEMISTRY (2 terms)**Course Number:** 7423**Credit:** 2 **GPA:** Yes **Weighted****Elective/ Required:** Elective**Prerequisite:** Chemistry or Honors Chemistry**Schools Offering Course:** E, N, W**Grade Level:** 11, 12

Course Description: Advanced Placement Chemistry provides an orderly development of the fundamental concepts and principles of chemistry with an emphasis on inquiry and critical thinking skills including: Problem solving, mathematical reasoning, and experimental investigations. Topics of study include: Structure of matter, states of matter, chemical kinetics, thermochemistry and thermodynamics, and descriptive chemistry. A strong emphasis is placed on chemical equilibrium, acids and bases, and chemical reactions. Laboratory work is an integral component of this course. Technology including graphing calculators, probeware, graphing and data analysis software, and chemistry apparatus is used throughout this course.

The College Board deems this to be a second year chemistry course, and the equivalent of a yearlong introductory, college level general chemistry course. The course requires a working knowledge of chemistry, and second-year algebra. The breadth, pace, and depth of material covered exceeds the standard high school chemistry course, as does the college-level textbook, laboratory work and time and effort required of students. **AP Chemistry prepares students for the AP Exam.**

PHYSICS & TECHNOLOGICAL PROCESSES (2 terms)**Course Number:** 9026 **GPA:** Yes**Credit:** 2 (Meets Science or Math graduation requirement)**Elective/ Required:** Elective**Prerequisite:** Pre-Algebra or Higher Level Math**Schools Offering Course:** E, N, W**Grade Level:** 10, 11, 12

Course Description: This course teaches basic physics concepts in the context of how they relate to four (4) energy systems (mechanical, fluid, electrical and thermal). The purpose of the course is to give students a broad understanding of physics principles in an investigative laboratory program. Students planning two (2) and/or four (4) year college programs or those entering technology training, will find this course helpful in preparing them for high technology of the future. This course may be used to satisfy two (2) credits in science OR math towards graduation requirements.

PHYSICS I (2 terms)**Course Number:** 7040**Credit:** 2 **GPA:** Yes**Elective/ Required:** Elective**Prerequisite:** Algebra I**Schools Offering Course:** E, N, W**Grades:** 11, 12

Course Description: Physics is an investigative laboratory program in the study of physical changes and how these changes affect matter and energy. The course emphasizes the study of motion, heat, vectors, magnetism sound, light, electricity, and atomic structure. The purpose of this course is to give students a broad understanding of problem solving, to develop basic proficiencies in lab skills and techniques, and to stimulate further study. The nature of the laws of physics will be covered through reading, class discussion, mathematical analysis, teacher explanation and laboratory experiences.

PHYSICS II (2 terms)**Course Number:** 7K03**GPA:** Yes**Credit:** 2 **Weighted** Dual Credit w/ Morningside College**Elective/ Required:** Elective**Prerequisite:** Physics I**Schools Offering Course:** E, N, W**Grade Level:** 12

Course Description: This course is the same as physics 201 and physics 202 offered at Morningside College. Students will receive 8 hours of college algebraic physics credit from Morningside College upon successful completion of the course if desired by the student. A portfolio of student work must be kept and submitted. A final exam from Morningside College must be taken to receive college credit at the end of the course. Students need to have a strong mathematical background and a good work ethic for Physics II. This course will cover the topics of mechanics, energy, sound, optics, electricity, and magnetism with emphasis on development of problem solving abilities. (M'side: PHYS-201, PHYS-202)

HUMAN BIOLOGY (1 term)**Course Number:** 7K01 **Weighted****Credit:** 1 **GPA:** Yes **Dual Credit w/ Briar Cliff University****Elective/Required:** Elective**Prerequisite:** Biology & Biology Lab II recommended but not required**Schools Offering Course:** E, N, W**Grade Level:** 11, 12

Course Description: This course is lab oriented and is designed to provide accurate information about the structure and function of the human body and to provide background information for students interested in pursuing post high school information in a health related career. Selected health professionals from the community will present programs exploring their career specialties. Students rotate through different areas of health occupations according to interest. Staff professionals are responsible for providing students with meaningful experiences within their departments. This experience may involve tours of the facilities, job shadowing, hands on training in certain skills, and incorporating academic enrichment in the sciences. (BCU: BIOL-102)

ANATOMY & PHYSIOLOGY (2 terms)**Credit:** 2 **GPA:** Yes **Dual credit w/WITCC****Required/Elective:** Elective**Prerequisite:****Schools Offering Course:** E, N, W**Grade Level:** 11, 12

Course Description: Therapeutic Services consists of the following courses:

Course Number: 7600 Human Anatomy and Physiology I (Semester 1) This course is a combination of lecture and lab work. It explores the relationship between structure, function and homeostasis in the human body. It covers the skeletal, muscular, integumentary and nervous systems, as well as cytology and histology. (WITCC: BIO-169)

Course Number: 7620 Human Anatomy and Physiology II (Semester 2) This combination of lecture and lab work is a continuation of Anatomy & Physiology I. The topics studied include the structure and function of the cardiovascular, lymphatic, endocrine, respiratory, digestive, urinary, and reproductive systems. (WITCC: BIO-174)

FOOD SCIENCE TECHNOLOGY (2 terms)

Course Number: 4009

Credit: 2 **GPA:** Yes

Elective/Required: Elective

Prerequisite: None

Schools Offering Course: E, N, W

Grade Level: 10, 11, 12

Course Description: This course uses basic principles of Biology and Chemistry as the vehicles to investigate concepts of nutrition, food preparation and food processing. It emphasizes hands on laboratory experiences to teach concepts as physical and chemical changes, pH, digestive enzymes, chemical composition of foods, etc.

BASIC ELECTRICAL THEORY (2 terms)

Course Number: 9024 **Articulation:** WITCC

Credit: 2 **GPA:** Yes

Elective/Required: Elective (Meets Science grad. requirement)

Prerequisite: Industrial Arts Technology recommended

Schools Offering Course: E, N, W

Grade Level: 10, 11, 12

Course Description: This course will introduce the student to the most common electronic components: resistors, capacitors, transformers, diodes, and transistors. Use of test equipment such as VOM meters, oscilloscopes, and other testing equipment will be covered. Building a project is part of the course.

SOCIAL STUDIES COURSES

COURSE #	NAME	CREDIT
8000	American History	2
8001	World History	2
8002	American Government	1
8003	Economics	1
8420	AP U.S. Government & Politics	2
8020	Sociology	1
8021	Psychology	1
8421	AP Psychology	2
8422	AP American History	2
8004	World Cultures	1
8620	Western Civilization I	1
8623	U.S. History Since 1877	1
EDUCATION		2
8600	Communication, Ethics, & Confidentiality	
8601	Foundations of Education	
POLICE SCIENCE		2
8603	Introduction to Criminal Justice	
8609	Ethics in Criminal Justice	

COURSE DESCRIPTIONS

AMERICAN HISTORY (2 terms)

Course Number: 8000

Credit: 2 GPA: Yes

Elective/Required: Required

Prerequisite: None

Schools Offering Course: E, N, W

Grade Level: 11

Course Description: This year long survey course is a chronological study of our American History beginning with early Native American history through the contemporary era. Study of American History will enable the student to understand the impact and interrelationships of events, contributions and accomplishments of notable people throughout history, trends, issues and problems faced by men and women in the creation of our nation and evolution into a modern nation.

WORLD HISTORY (2 terms)

Course Number: 8001

Credit: 2 GPA: Yes

Elective/Required: Required

Prerequisite: None

Schools Offering Course: E, N, W

Grade Level: 10

Course Description: This year long course is a chronological world survey of the contributions, accomplishments and problems of men and women from early civilizations to the world today. The course begins with the early civilizations and moves to the Empires of the Ancient World and Regional Civilization, Early Modern Times, Enlightenment and Revolution, Industrializing and a New Global Age, to the World Wars and Revolutions. World History concludes with examination of the world today. The major emphasis of the course is to show how the past impacts on today's world and how people throughout time face similar issues and situations.

AMERICAN GOVERNMENT (1 term)

Course Number: 8002

Credit: 1 GPA: Yes

Elective/Required: Required

Prerequisite: None

Schools Offering Course: E, N, W

Grade Level: 11, 12 (10 by permission)

Course Description: This course provides a detailed study of the American governmental systems at the national, state and local levels and includes an examination of the election process, political parties, citizen participation, the legal system, and civil rights.

ECONOMICS (1 term)**Course Number:** 8003**Credit:** 1 **GPA:** Yes**Elective/Required:** Required**Prerequisite:** None**Schools Offering Course:** E, N, W**Grade Level:** 11, 12 (10 by permission)

Course Description: This course will help students acquire the tools and skills necessary to apply the best problem-solving, decision-making strategies to future situations as consumers. The course focuses on understanding the working of the American economy and our role in the global market place. Micro and macroeconomics, in addition to constantly changing international economics, are studied in depth.

AP U.S. GOVERNMENT & POLITICS (2 terms)**Course Number:** 8420**Credit:** 2 **GPA:** Yes **Weighted****Elective/Required:** Elective (Meets American Government graduation requirement)**Prerequisite:** None**Schools Offering Course:** E, N, W**Grade Level:** 11, 12

Course Description: The Advanced Placement course in United States Government and Politics is designed to give students a critical perspective on politics and government. This course involves both the study of general concepts used to interpret United States politics and an examination of the various institutions, groups, beliefs, and ideas that make up American politics. The course is taught with college-level texts. Preparation for the AP Exam will be an integral part of the course.

SOCIOLOGY (1 term)**Course Number:** 8020**Credit:** 1 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** None**Schools Offering Course:** E, N, W**Grade Level:** 11, 12 (10 by permission)

Course Description: Sociology is the scientific study of the social relations, which people develop in their interactions with one another. Special attention is given to the causes and consequences of these interactions within the frameworks of group, social, and cultural environments. Applying social theory to the study of social issues, the course examines such topics as life styles, role identities, life crises, cultural and social environments, and social deviancy. The course will help students understand how personal, cultural, social and psychological attitudes towards self and others affect our society.

PSYCHOLOGY (1 term)**Course Number:** 8021**Credit:** 1 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** None**Schools Offering Course:** E, N, W**Grade Level:** 11, 12 (10 by permission)

Course Description: In psychology many of the factors that influence human behavior are examined. Students should gain a basic understanding of why individuals behave as they do and how behavior can be influenced. Several topics of practical value are studied: behavior modification, human growth and development, stress and its consequences, mental illness and mental health, human relations, motivation, personality theory and personality development. Additional units of special interest may be included.

AP PSYCHOLOGY (2 terms)**Course Number:** 8421**Credit:** 2 **GPA:** Yes **Weighted****Elective/Required:** Elective**Prerequisite:** None**Schools Offering Course:** E, N, W**Grade Level:** 11, 12

Course Description: The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. They also learn about the methods psychologists use in their science and practice. The aim of the course is to provide the student with a learning experience equivalent to that obtained in most college introductory psychology courses. AP Psychology prepares students for the AP Exam.

AP AMERICAN HISTORY (2 terms)**Course Number:** 8422**Credit:** 2 **GPA:** Yes **Weighted****Elective/Required:** Elective**Prerequisite:** None**Schools Offering Course:** E, N, W**Grade Level:** 11, 12

Course Description: This yearlong course is a survey study equivalent to the demands of an introductory college course in United States History. It expands on the content of American History. Special emphasis is on the period from the colonial period to the present; in-depth consideration by means of a chronological or topical approach or a combination of the two; and political, social, economic, and cultural treatment of the period. Students will use and analyze primary sources, evaluate the evidence and interpretations as presented by historical research. AP American History prepares students for the AP Exam.

WORLD CULTURES (1 term)**Course Number:** 8004**Credit:** 1 **GPA:** Yes**Elective/Required:** Elective**Prerequisite:** None**Schools Offering Course:** E, N, W**Grade Level:** 9, 10, 11, 12

Course Description: This course will help students understand world cultural diversity, especially cultural change and diversity occurring in our community. Students will learn about the history and traditions; geography, economics and daily life; and the literature and the arts of cultural groups located throughout the world and in our community. The course will enable students to learn how diverse races and cultural tradition, beliefs, lifestyles and value systems can enrich their lives, directly and indirectly.

WESTERN CIVILIZATION I (Semester 1)
Course Number: 8620
Credit: 1 **GPA: Yes** **Dual Credit w/WITCC**
Elective/Required: Elective
Prerequisite: World History
Schools Offering Course: E, N, W
Grade Level: 11, 12
Course Description: This course traces the Western tradition from the earliest times through the sixteenth century. This course also emphasizes the process of change and the dynamics and interrelationships of events of the major societies, governance and cultures of the Ancient, Medieval, and Renaissance. (WITCC: HIS-110)

US HISTORY SINCE 1877 (Semester 2)
Course Number: 8623
Credit: 1 **GPA: Yes** **Dual Credit w/WITCC**
Elective/Required: Elective
Prerequisite:
Schools Offering Course: E, N, W
Grade Level: 11, 12
Course Description: This course surveys the basic forces and events that shaped American life from the Reconstruction era to the present. (WITCC: HIS-152)

EDUCATION (2 terms)
Credit: 2 **GPA: Yes** **Dual Credit w/WITCC**
Required/Elective: Elective
Prerequisite: None
Schools Offering Course: E, N, W
Grade Level: 11, 12
Course Description: The Education & Training Career Cluster includes the following courses:

Course Number: 8601 Communication, Ethics & Confidentiality (Semester 1) Participants will develop skills and strategies to enhance communication and examine situations where professionalism, ethical standards, and confidentiality will guide the correct course of action when working with colleagues, students, parents, and others. (WITCC: EDU-120)

Course Number: 8600 Foundations of Education (Semester 2) This course is an introduction to professional education providing a historical and philosophical background from which the student can examine his/her own commitment to education. Challenges and issues in education today will be discussed in the context of school organization, funding, curriculum, professionalism, legal issues, and effective teacher characteristics. (WITCC: EDU-210)

POLICE SCIENCE (2 Terms)
Credit: 2 **GPA: Yes** **Dual Credit w/WITCC**
Required/Elective: Elective
Prerequisite: None
Schools Offering: E, N, W
Grade Level: 11, 12
Course Description: Year one of Police Science includes the following courses:

Course Number: 8603 Introduction to Criminal Justice (Semester 1) This course studies the history of law enforcement and respective agencies and the basic theories of the criminal behavior as well as law enforcement terminology and technology. It emphasizes the duties and responsibilities of the law enforcement officer to the individual and society as a whole and explores and defines techniques, technical terms, and basic procedures. (WITCC: CRJ-100)

Course Number: 8609 Ethics In Criminal Justice (Semester 2) This course covers the ethical standards and codes of professional behavior for police officers and others placed in positions of public trust. The course includes use of force, gratuities, intra- and inter-agency conduct, integrity, ethical necessity of due process and on-duty and off-duty conduct. (WITCC: CRJ-101)

TRAFFIC EDUCATION

COURSE #	NAME	CREDIT
X000	Traffic Education	1

COURSE DESCRIPTION

TRAFFIC EDUCATION (Summer Only)

Course Number: X000

Credit: 1 **GPA:** No

Elective/Required: Elective

Prerequisite: (See explanation)

School Offering Course: E, N, W

Grade Level: 9, 10, 11, 12

Prerequisite: Students must possess a valid Learners Permit. Current fee must be paid before the first class. Students will be registered by birth date; the oldest students registering will have first priority for enrollment in the class.

Course Description: This course is offered at all three high schools during the summer only. It is comprised of three parts: classroom instruction, behind-the-wheel instruction, and logged behind-the-wheel practice driving time with parents or guardians. Students must pass all parts to satisfactorily complete the course. Students passing the course will receive a certificate of completion enabling them to apply for their Iowa Driver's license before age 18. Fees are listed in Board Policy # 602.6.

COLLEGE AND TEST PREP READINESS

COURSE #	NAME	CREDIT
X027	College & Test Prep Readiness	1

COURSE DESCRIPTION

COLLEGE & TEST PREP READINESS (1 term)

Course Number: X027

Credit: 1 **GPA:** No

Elective/Required: Elective

Prerequisite: None

Schools Offering Course: E, N, W

Grade Level: 11, 12

Course Description: This test prep curriculum contains extensive lessons on all English, math, reading and science skills tested on the ACT. Students will thoroughly study the general test-taking tips and strategies for mastering each section of the ACT as well as drill on content through the use of interactive activities, lessons, worksheets, and peer teaching exercises. Each content area not only includes practice tests and worksheets but also interactive activities where the students work with each other on reading passages, sentences, data collection projects, and group writing exercises. The curriculum will assist students in improving ACT scores, as well as reinforce concepts used daily in the classroom and on other standardized tests. In addition, students will receive information on selection and admission to post-secondary institutions, scholarships, and financial aid. *This is a pass/not pass course.*

SUCCESS STRATEGIES

COURSE #	NAME	CREDIT
X021	Success Strategies	1

COURSE DESCRIPTION

SUCCESS STRATEGIES (2 Terms)

Course Number: X021

Credit: 1 **GPA:** Yes

Elective/Required: Required

Prerequisite: None

Schools Offering: E, N, W

Grade Level: 9

Course Description: This course is designed to assist students in developing skills to improve their academic performance. Students learn and practice using strategies in the areas of decision-making, personal control, self-esteem enhancement and interpersonal communication within a supportive classroom environment. This course challenges students to evaluate their current level of achievement and to set and reach goals. This course meets every other day.

SCHOOL-TO-WORK

COURSE #	NAME	CREDIT
X005	Work Experience	1-6
X028	Sioux City Internship	1-6

COURSE DESCRIPTIONS

WORK EXPERIENCE

Course Number: X005

Credit: earn up to 6 credits Pass/Fail Grading GPA: No

Elective/Required: Elective

Prerequisite: Permission of building principal, counselor and School-to-Work Coordinator.

Schools Offering Course: E, N, W

Grade Level: 12 (building permission only)

Course Description: This is for students in danger of not earning 44 credits within four years.

Earn a maximum of six (6) elective credits on a Pass/Fail basis. Number of credits earned is subject to review by School-to-Work Coordinator. Students must provide written documentation of hours worked. Credits are awarded on the following basis:
180 hours = 1 credit.

SIoux CITY INTERNSHIPS

Course Number: X028

Credit: (earn up to 6 credits max.) Pass/Fail Grading Number of credits earned may be subject to review by the School-to-Work Coordinator. GPA: No

Elective/Required: Elective

Prerequisite: None

Schools Offering Course: E, N, W

Grade Level: 11, 12

Course Description: The Sioux City Internship Program is available for juniors and seniors who are interested in participating in career experiences while still in high school. Students are able to earn academic credit while exploring careers in all Career Pathways. Internship assignments made under this course are arranged with the Counselors.

ENGLISH AS A SECOND LANGUAGE

COURSE #	NAME	CREDIT
1702	ELD English L1C	2
1700	ELD English L1A	2
1701	ELD English L1B	2
1703	ELD English L2	4
1720	ELD English L3	2
1721	ELD English L4	2
1740	ELD English L5	2
5700	ELD Math	2
7700	ELD Science	2
8700	ELD American History	2
B700	ELD Keyboarding/ Communication	2
8701	ELD World History	2
4700	ELD Individuals & Families	1
1741	Language Arts Support III	2

The students who are participating in the ESL courses have been placed based on their level of English proficiency. A student does not elect to take different proficiency levels on his or her own. Strict entry and exit criteria must be met for a student to enter the English as a Second Language Program, move to another level, or transition or exit the program. Students are placed in the ESL Sheltered Classes by school and ESL Department recommendation.

Graduation Requirements: ESL students graduating from high school can use up to 6 credits from their ESL classes for their Language Arts requirement. The remainder of any ESL credits will be considered electives. To meet graduation requirements, students may repeat ELD English L5 upon recommendation of ESL instructor and counselor.

COURSE DESCRIPTIONS

ELD ENGLISH L1C (2 terms)

Course Number: 1702

Credit: 2

Elective/Required: Required

Prerequisite: Department Approval

Schools Offering Course: E, N, W

Grade Levels: 9 - 12

Course Description: This class is for students who have just arrived in the United States. It is a half-day program that meets off campus, with the other half of the day at that student's high school. Topics stressed are vocabulary, oral language, and basic survival skills taught through the content and thematic units. Self-expression and confidence in using new-found English skills along with cultural and school adjustments are given the utmost attention.

ELD ENGLISH L1A (2 terms)

Course Number: 1700

Credit: 2

Elective/Required: Required

Prerequisite: Department Approval

Schools Offering Course: E, N, W

Grade Levels: 9 - 12

Course Description: This class is for students who have just arrived in the United States. It is a half-day program that meets off campus, with the other half of the day at that student's high school. Topics stressed are oral language, writing and spelling skills with the focus upon seeing and building word structures in context of the content and thematic units. Students will become familiar with an American school. Self-confidence and cultural as well as school adjustments are given the utmost attention.

ELD ENGLISH L1B (2 terms)

Course Number: 1701

Credit: 2

Elective/Required: Required

Schools Offering Courses: E, N, W

Prerequisite: Department Approval

Grade Level: 9-12

Course Description: This course is taught only at an off campus location. The beginning elements of reading are introduced at this level. Sight words and basic phrases are covered. High interest, beginning-level selections and novels are read.

ELD ENGLISH L2 (2 terms)

Course number: 1703

Credit: 4

Elective/Required: Required

Prerequisite: Department Approval

Schools Offering Course: E, N, W

Grade Level: 9-12

Course Description: This is a 2-period class for students who are somewhat adjusted to an American school and have attained some proficiency in English. Vocabulary, sentence structure, reading and oral comprehension taught through the content are stressed.

ELD ENGLISH L3 (2 terms)

Course Number: 1720

Credit: 2

Elective/Required: Required

Prerequisite: Department Approval

Schools Offering Course: E, N, W

Grade Level: 9-12

Course Description: This class is for students who understand basic vocabulary in mainstream classes. Continued work is done on vocabulary, reading and writing through the content. Students are able to work more independently in both oral and written work.

ELD ENGLISH L4 (2 terms)

Course Number: 1721

Credit: 2

Elective/Required: Required

Prerequisite: Department Approval

Schools Offering Course: E, N, W

Grade Level: 9-12

Course Description: This class continues the sequence of ESL courses in development of vocabulary, reading, and writing through the content. Complex vocabulary is presented requiring a higher level of proficiency in English.

ELD ENGLISH L5 (2 terms)

Course Number: 1740

Credit: 2

Elective/Required: Required

Prerequisite: Department Approval

Schools Offering Course: E, N, W

Grade Level: 9-12

Course Description: Fluency in oral and written language is stressed. Writing and reading skills are further developed through increased practice.

ELD MATH (2 terms)

Course Number: 5700

Credit: 2

Elective/Required: Required

Prerequisite: Department Approval

Schools Offering Course: E, N, W

Grade Level: 9-12

Course Description: This course is designed for students whose limited English proficiency would not allow them to participate in a regular math classroom. The student's program is individualized. Both language and math skills are taught using materials at the student's instructional level.

ELD SCIENCE (2 terms)

Course Number: 7700

Credit: 2

Elective/Required: Required

Prerequisite: Department Approval

Schools Offering Course: E, N, W

Grade Level: 9-12

Course Description: This course prepares multicultural students with diverse educational backgrounds to go into mainstream science curriculum. A general science core has been designed for the student with limited English. Topics covered include: plants, the human body, physical science topics, animals, and the universe. Extensive use of visual conceptualization, basic beginning laboratory methods, and field investigation procedures are utilized.

ELD AMERICAN HISTORY (2 terms)**Course Number:** 8700**Credit:** 2**Elective/Required:** Required**Prerequisite:** Department Approval**Schools Offering Course:** E, N, W**Grades Level:** 9-12

Course Description: ESL American History teaches Limited English Proficient Students concepts and major themes through the 20th century. Maps, charts, and conceptualized learning are used to teach this course in a manner which will be accessible to students who still lack the language skills necessary to take the mainstream American History class.

ELD KEYBOARDING/COMMUNICATION (2 terms)**Course Number:** B700**Credits:** 2**Elective/Required:** Elective**Prerequisite:** Department Approval**Schools Offering Course:** N**Grade Levels:** 9-12

Course Description: This class is offered to any beginning level ESL student at North High School only. The class is a hands-on approach to help the students develop their skills in computer usage as well as their skills in English communication. This class is organized by interdisciplinary teaching. This class is designed to teach computer use as well as support the language concepts taught in the beginning level ESL curriculum. The class follows the Business Department and ESL department's Standard and Benchmarks. The units in this curriculum are organized around thematic units that are primarily project-based.

ELD WORLD HISTORY (2 terms)**Course Number:** 8701**Credit:** 2**Elective/Required:** Required**Prerequisite:** Department Approval**Schools Offering Course:** E, N, W**Grade Level:** 10-12

Course Description: This ESL sheltered class offers a broad study of the major civilization of people, beginning with prehistoric people and moving through the period of the beginning of Modern Europe. This class is structured to fit the learning styles of limited English proficient students by examining the political, economic, social, and cultural accomplishments of the various civilizations.

ELD INDIVIDUALS AND FAMILIES (1 term)**Course Number:** 4700**Credit:** 1**Elective/Required:** Required (Meets Health graduation requirement)**Prerequisite:** Department Approval**Schools Offering the Course:** N, W**Grade Level:** 10 - 12

Course Description: This course explores the influence of society on individuals and families. It is designed to assist students to be self-sufficient as related to career and life-management, time and financial management, personal and professional relationships, and marriage. Appropriate materials will be used to meet the needs of the limited English proficient student. Emphasis will be placed on introducing students to the culture that exists within various American families. The class will also examine the decision-making process, communication, problem solving, and coping skills as effective tools in balancing the roles of work with individual and family needs.

ELD LANGUAGE ARTS SUPPORT III (2 terms)**Course Number:** 1741**Credit:** 2**Elective/Required:** Elective**Prerequisite:** Identified**Schools Offering the Course:** N, W**Grade Level:** 9, 10

Course Description: This course provides instruction in basic language skills, integrating reading, writing, speaking, and listening while placing emphasis on individual student progress. Emphasis is placed on vocabulary, fluency, and comprehension strategies. Students are identified by reading proficiency levels on ITBS/ITED and the I-ELDA scores.

NOTES