

Darlington High School 2024-25 Course Offerings



DHS DEPARTMENTS

ENGLISH

SPANISH

SCIENCE

MATH

SOCIAL STUDIES

BUSINESS EDUCATION

AGRICULTURE

AGRI/TECHNOLOGY

PROJECT LEAD THE WAY

ART

HEALTH AND SAFETY

PHYSICAL EDUCATION

MUSIC

The Darlington Community School District does not discriminate on the basis of: sex, race, color, religion, national origin (including limited-English proficiency), ancestry, creed, pregnancy, marital or parental status, sexual orientation or physical, mental, emotional or learning disability.

2024-2025 COURSE OFFERINGS

The following is a list of courses offered at Darlington High School. Prerequisites are indicated with department recommendation or approval noted when necessary. Semester courses are generally ½ credit and those for an entire year, one (1) credit unless otherwise noted.

<u>Page</u>	<u>Course</u>	<u>Course No.</u>	<u>Prerequisites</u>	<u>Length</u>
<u>ENGLISH DEPARTMENT</u>				
10	ENGLISH 9	(4003/4004)	Fr. standing	Year
10	ENGLISH 10	(4009/4010)	So. standing	Year
11	ENGLISH 11	(4015/4016)	Jr. standing	Year
11	SPEECH	(4049)	Jr./Sr. standing	Sem. Dual Credit
11	READER'S THEATER	(4021)	Jr. standing	Sem.
11	CONTEMPORARY LIT.	(4023)	Jr. standing	Sem.
12	CREATIVE WRITING (4029)		Jr. standing	Sem.
12	DRAMA	(4033)	Jr. standing	Sem.
12	COLLEGE PREP WRITING	(4040/4041)	Sr. Standing	Sem.
12	AP ENGLISH LITERATURE	(4034)	Sr. standing	Year

*(NOTE: Writing for the Post-Secondary Student not counted for English requirement credit)

SPANISH DEPARTMENT

13	SPANISH 1	(4101/4102)	Strong English grammar skills required.	Year
13	SPANISH 2	(4111/4112)	Spanish 1	Year
13	SPANISH 3	(4121/4122)	Spanish 2	Year
13	AP SPANISH	(4131/4132)	Spanish 3	Year
14	MI IDIOMA	(4133/4134)	See Course Description	Year

SCIENCE DEPARTMENT

15	BIOLOGY	(4205/4206)	Fr. standing	Year
15	PHYSICAL SCIENCE	(4201/4202)	Biology & Sophomore	Year
16	CHEMISTRY 1	(4209/4210)	Bio, Alg 1, & Sophomore	Year
16	INTEGRATED SCIENCE	(4241/4242)	Biology & Phys Sci	Year
16	GENERAL PHYSICS	(4215/4216)	Alg. 1 & Geometry	Year
16	CHEMISTRY 2	(4225/4226)	Chemistry 1	Year
17	ANATOMY & PHYSIOLOGY	(4280/4281)	Biology	Year
17	AP PHYSICS	(4217/4218)	Alg. 1 & Geometry	Year
17	AP BIOLOGY	(4219/4220)	Biology & Chemistry	Year
17	AP CHEMISTRY	(4223/4224)	Chemistry	Year
18	AP ENVIRONMENTAL SCIENCE	(4291/4292)	Biology	Year

<u>Page</u>	<u>Course</u>	<u>Course No.</u>	<u>Prerequisites</u>	<u>Length</u>
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MATH DEPARTMENT

19	APPLIED MATH I	(4303/4304)	Dept. recommended	Year
19	APPLIED MATH II	(4305/4306)	Applied Math I	Year
20	OCCUPATIONAL MATH	(4307/4308)	Dept. recommended	Sem.
	Computer (GOOGLE) Applications		None	Sem.
20	ALGEBRA 1	(4309/4310)	None	Year
20	GEOMETRY	(4313/4314)	Alg1, or App. Math I & II	Year
20	ALGEBRA 2	(4317/4318)	Alg1 Geometry recommended	Year
20	PRECALCULUS	(4321/4322)	Alg 2	Year
21	AP STATISTICS	(4377/4378)	Alg 2	Year
21	AP CALCULUS	(4380/4381)	Pre-Calc.	Year
21	PERSONAL FINANCE	(4531)	Jr. or Sr. Standing	Sem.

SOCIAL STUDIES DEPARTMENT

22	AMERICAN HISTORY	(4443/4444)	None	Year.
22	GLOBAL STUDIES	(4411/4412)	Soph. standing	Year
22	MODERN UNITED STATES GOVERNMENT & CIVICS	(4465/4466)	Jr. Standing	Year
23	CULTURAL CHANGES IN MODERN CIVILIZATION	(4464)	Jr. or Sr. Standing	Sem.
23	PSYCHOLOGY	(4471/4472)	Jr. or Sr. Standing	Year Dual Credit
23	AP U.S. HISTORY	(4473/4474)	Jr. or Sr. Standing	Year

AGRICULTURE DEPARTMENT

25	INTRODUCTION TO AGRICULTURE	(4551/4552)	None	Year
25	ANIMAL SCIENCE	(4553/4554)	Intro to Ag or instructor consent	Year
25	DAIRY & SOIL SCIENCE	(4555/4556)	Intro to Ag or instructor consent	Year
25	AG BUSINESS	(4557/4558)	Intro to Ag or instructor consent	Year
25	AG TECHNOLOGY	(4559)	None	Sem.
26	AG WELDING	(4561)	Cap of 15	Sem.
26	AG POWER	(4566)	Cap of 12, Soph Standing	Sem.
26	NON-TRADITIONAL AG	(4564)	None	Sem.

<u>Page</u>	<u>Course</u>	<u>Course No.</u>	<u>Prerequisites</u>	<u>Length</u>
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AGRI/TECHNOLOGY EDUCATION

27	INTRO. TO AG. TECHNOLOGY & APPLICATION	(4667)	None Capped at 15	Sem.
27	WOODS TECHNOLOGY	(4574/4576)	None Capped at 15	Year
28	WELDING TECHNOLOGY	(4587/4888)	None Capped at 15	Year
28	ADVANCED WELDING TECHNOLOGY	(4889)	Welding Technology Capped at 15	Sem.
28	ADVANCED WOODS TECHNOLOGY	(4577)	Woods Technology Capped at 15	Sem.
28	WILDLIFE AND NATURAL RESOURCE MANAGEMENT	(4870)	None Capped at 14	Sem.
29	LIVESTOCK AND CROP PRODUCTION	(4872)	Jr/Senior Standing or Instructor Permission Capped at 9	Sem.
29	HOME MAINTENANCE & ELECTRICITY	(4591)	None Capped at 14	Sem.
29	AG STRUCTURES	(4593)	Senior Junior Standing/ Capstone Class Capped at 12	Sem.
29	CAD I	(4621)	None	Sem.
29	CONSTRUCTION PLANNING/MGMT	(4623)	None	Sem.
29	INTRO TO MANUFACTURING/ROBOTICS	(4625)	None	Sem.
30	ADVANCED ENGINE POWER TECHNOLOGY	(4567)	None	Sem.
30	RESIDENTIAL CONST. STRUCTURES	(4627/4628)	Woods	Year
30	STRUCTURES	(4593/4595)	Woods	Year
30	CAD II	(4622)	CAD I	Sem.
30	LANDSCAPING	(4669)	None	Sem.
31	HOME & AUTO SERVICE/ LIFE SKILLS	(4675)	None	Sem.
31	GRAPHIC DESIGN & VIDEOGRAPHY	(4677)	None	Sem.
	MEDIA PRODUCTION	(4678/4679)	None	Year

ART DEPARTMENT

33	ART FUNDAMENTALS	(4851)	None	Sem.
33	GENERAL ART	(4856/4857)	Art Fundamentals	Sem.
34	DESIGN FUNDAMENTALS	(4861)	None	Sem. Dual Credit
34	COLOR THEORY	(4863)	None	Sem. Dual Credit

<u>Page</u>	<u>Course</u>	<u>Course No.</u>	<u>Prerequisites</u>	<u>Length</u>
<u>HEALTH AND DRIVERS ED DEPARTMENT</u>				
35	DRIVER EDUCATION	(4701/4702)	Fr./So. standing	Sem.
35	DRIVER ED SUMMER	(4704)	Fr./So. standing	TBD
35	HEALTH	(4705)	None	Sem.

PHYSICAL EDUCATION DEPARTMENT

36	PHYED: TEAM SPORTS	(4753/4754)	None	Year
36	PHYED: FITNESS	(4755/4756)	None	Year
36	PHYED: IND SPORTS	(4757/4758)	None	Year
37	FUNDAMENTALS OF COACHING	(4707)	None	Sem.
37	SPORTS OFFICIATING	(4708)	None	Sem.

MUSIC DEPARTMENT

38	BAND	(4801)	None	Year
39	CHOIR	(4812/4813)	None	Year
39	BEGINNING MUSIC THEORY	(4822)	None	Sem.
39	ADVANCED MUSIC THEORY	(4823)	Music Theory/Instructor Approval	Sem.

OTHER COURSES OF STUDY

40	Independent Study for Credit—See description and requirements.
40	School to Work
41	Youth Apprenticeship Opportunities
42	Edmentum Offerings
43	Start College Now Program
43	CollEdge Up
43	Early College Credit Program

GRADUATION REQUIREMENTS

In order to graduate from Darlington High School, a student must:

1. Carry at least 6.5 credits each year with a maximum of 8 credits. Permission to vary the maximum must be obtained from the high school counselor or principal.
2. Students should not take or be assigned more than two study halls per semester.
3. Be in regular attendance for eight (8) semesters.
4. Have accumulated a minimum of 24 credits.
5. These credits must include the following:
 - A minimum of four (4) credits of English and Speech
 - A minimum of three (3) credits of Mathematics
 - A minimum of three (3) credits of Science
 - A minimum of three (3) credits of Social Studies
 - One half ($\frac{1}{2}$) credit of Health
 - One half ($\frac{1}{2}$) credit of Personal Finance
 - Students must pass 1 $\frac{1}{2}$ credits of physical education plus
 - Fulfill the senior physical education requirement.

COURSE SELECTION

A great deal of planning should accompany the selection of courses each year. At times it is even necessary to consider more than one year at a time so that a sequence of courses can be planned. The following are several points to keep in mind:

1. **POSTSECONDARY BOUND**-Colleges have been changing admission requirements a great deal in recent years. Be careful to check specific entrance requirements for each school you consider. Anyone considering a four-year program should be aware of most college entrance requirements:
 - Science -3 credits minimum including Chemistry
 - Mathematics* -3 credits minimum including Algebra II
 - Social Studies -3 credits minimum
 - English -4 credits minimum(may exclude Speech and/or Drama)
 - Foreign language*-0 to 2 credits
 - Additional Academic Courses* -0-3 credits (Science, Math, Social Studies, English, Foreign Language)

TOTAL 17 credits

*Check specific University or College catalogs because requirements vary.

A DHS student must be careful to obtain the total number of “ACADEMIC” credits needed for college admission since our high school requires only 11. All U.W. System Institutions require 17 credits.

- a.) **Math** - colleges will not accept Applied Math 1, Applied Math 2, or Personal Finance as a credit toward entrance requirements. Most schools require Algebra 1, Geometry, and Algebra 2. Schools requiring 3 credits of math often recommend that one of the courses be taken in the senior year. Be sure to check admission requirements for schools you are interested in attending.
- b.) **Science** – Biology is required. Chemistry 1 OR Physical Science is also required. (Those in the health professions should definitely consider Chemistry 1, Chemistry 2, Anatomy & Physiology, General Physics, and AP Biology). This can provide the strong science background needed for certain majors.
- c.) **World Languages** – It is possible to obtain college credit/world language waiver for high school world language. Students should consider taking as many years as possible 4 to 5 to obtain fluency and to achieve optimal results for college placement exams.
- d.) **English** – the English department has indicated the following options should be considered: **REQUIRED:** English 9, English 10, English 11, and Speech. **ELECTIVES:** AP English Literature and Composition, Drama, Contemporary Literature, Creative Writing, Reader’s Theater, Intro. to Acting, and Writing for the Post-Secondary Student (not for credit but recommended for college-bound students).
- e.) **CAREER and TECHNICAL EDUCATION ORIENTED** – There may be fewer entrance requirements for technical schools due to the specialized programs. There are often helpful high school courses students should consider. In some of the technical areas and the health programs, Algebra and Chemistry may be necessary. The technical college websites should be consulted regarding recommended and required courses. Reading, writing, and oral communication skills are needed in all programs.
NOTE: Many technical programs will use ACT scores to help determine eligibility for certain programs or to allow you to test out of certain classes.

Currently, Darlington High School is working to accomplish various dual credit agreements with local technical colleges. These agreements will allow students to earn credit in certain classes and give them advanced standing in those programs at the technical college. Please direct any questions towards the school counselor.

Additionally, Darlington High School students have the option to take Dual-Credit classes through the University of Wisconsin system.

DUAL CREDIT and AP

LENGTH AND CREDIT – 1 and 2 Semesters, .5—1 Credit/Semester

PREREQUISITES—MUST MEET REQUIREMENTS SOUTHWEST TECHNICAL COLLEGE

Dual Credit courses at the high school level are courses that are the equivalent to a technical college course. These classes are taught by your high school instructors and help you to earn both high school and technical college credit. These credits are provided at no extra cost to the student. Students enrolled in the course for Southwest Tech credit will be awarded a grade based on the grading scale established by the high school for the course. Note that when grades are recorded with Southwest Tech, they do not use “+” or “-” for grading, and all grades will be reported to the college as a full letter grade. Students should consult with their high school teacher to determine whether he/she should enroll in the course for the college credit. These courses may also be accepted by other technical colleges and 4-year colleges offering the same or similar courses. Students will need to submit their official Southwest Tech transcript to the institution they are planning to attend for the courses to be considered for transfer. It is up to the receiving institution as to if and how the courses will be accepted.

DUAL CREDIT OFFERINGS

Darlington Course

Speech
Psychology
Design Fundamentals
Color Theory

Southwest Tech Course:

Speech (3 credits)--Also accepted at UW schools
Psychology (3 credits)--Also accepted at UW schools
Design Fundamentals (3 credits)--Also accepted at UW schools
Color Theory (3 credits)--Also accepted at UW schools

AP (ADVANCED PLACEMENT) COURSE OFFERINGS

- Advanced Placement Courses can result in college credit if the student takes the AP exam and passes with a specified grade.
- Use the link below to find out how many college credits you can earn!

<https://apstudents.collegeboard.org/getting-credit-placement/search-policies>

AP Biology	AP Physics
AP Calculus	AP Spanish
AP Chemistry	AP Statistics
AP Environmental Science	AP US History
AP Literature	

COURSE DESCRIPTIONS

ENGLISH COURSE DESCRIPTIONS

DEPARTMENTAL REQUIREMENTS:

Four (4) specific courses are required. These are English 9, English 10, English 11, and Speech. These courses will give the student three and one half credits, or seven semesters of English and Speech. These courses must be taken to satisfy graduation requirements. A minimum of one additional course must be taken during the junior or senior year to complete eight semesters (four credits) of English and Speech. The English department recommends, due to tighter college requirements, students should take a sufficient number of English electives to eliminate any question of meeting differing college eligibility.

All students must have four credits of English-Speech in order to graduate.

REQUIRED COURSES - English 9, English 10, English 11, and Speech

GENERAL OFFERINGS - Contemporary Literature, Reader's Theatre

COLLEGE BOUND - Creative Writing, Drama, AP English Literature, Reader's Theatre

GRADUATION CREDIT - ACT Test Prep, Writing Post Secondary

The Language Department has found that a number of students need help in maintaining basic reading and writing skills. As a result, the following courses have evolved to help students meet these needs. These courses are not to be considered as electives. You will be notified if the Language Department feels that these courses can be of benefit to you. These courses will satisfy graduation requirements and English Department requirements.

****COURSE TITLE - ENGLISH 9 - (Course # 4003/4004)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Freshman standing. Required of all freshmen.

DESCRIPTION - ENGLISH 9 is designed to reinforce and enhance students' skills using a combination of reading, writing, listening, and speaking skills. Students will read and interpret various literary genre such as poetry, fiction, informational text, and drama. They will also be expected to compose various written works applying the Six Traits Writing Method. In addition, vocabulary enhancements will be stressed during the course. Communication skills will be practiced through class discussion and presentation. Grades will be determined by participation, coursework, projects, written work, and examinations based on content covered in class.

****COURSE TITLE - ENGLISH 10 - (Course #4009/4010)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Required of all sophomores.

DESCRIPTION - Sophomore English involves a balance of composition and literature. Instructional areas will include text analysis of informative and literary works, composition using textual evidence, research-based writing, and class discussions. Vocabulary enrichment, grammar usage, and punctuation skills will also be a part of the course work. The novel, plays, short stories, and poetry will comprise the literature selections as well as collaborative reading opportunities. Grades will be a reflection of written work, projects, oral presentations, and periodic examination of content material.

****COURSE TITLE - ENGLISH 11 - (Course # 4015/4016)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Required of all juniors.

DESCRIPTION - English 11 is a thematic survey of the prose and poetry of America from 1500 to the present. The class will focus on the major writers during this period of time; written work and oral activities will accompany units of work which will help students better understand and discuss the authors and their works. These units will require daily reading and/or writing assignments, and weekly vocabulary exercises. Grammar will also be reviewed throughout the course. Students will be required to complete formal writing assignments and participate in Literature Circles.

****COURSE TITLE - SPEECH /COMMUNICATION - (Course # 4049)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit **Earn college credit for SWTC

PREREQUISITES AND/OR LEVEL - Required of all Juniors or Seniors.

DESCRIPTION - Speech is a performance-oriented course which provides a wide variety of communication activities to enhance self-confidence, creativity, critical thinking, and problem solving skills. Listening and note taking skills will be emphasized throughout the semester. Students will study an introduction of communication theory, verbal and nonverbal communication, interpersonal and intrapersonal communication, and group discussion. Units on vocabulary building will be stressed throughout the semester. Units dealing with effective communication in the workplace will be studied throughout the semester. Key topics will include the resume, interviewing, and meeting employer expectations. Basic aspects of speech, writing skills, and organization of material will be covered during the second nine weeks. A daily journal will stress writing and composition. Also included will be verbal and visual delivery techniques and analysis of different speaking situations. Individual participation in classroom exercises and discussions will be a major focus of the class. There will be between two-four speeches ranging from one to eight minutes during the second quarter of each semester. Grades will be determined on quality of participation, attitude/behavior, oral performances, written assignments, quiz and test scores. This is a life skill course that focuses on a variety of real life communication situations. This course currently offers transcribed credit through Southwest Technical College. If you earn a C or higher, you will receive 3 credits from SWTC. This credit will be transferable to a four-year college.

****COURSE TITLE - READER'S THEATER - (Course # 4021)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - Junior and Senior Standing

DESCRIPTION - Build confidence! Bring contemporary literature to life! Prepare for College! Prepare for Life! Reader's Theater is a unique blend of the study of contemporary dramatic literature. It is a dynamic approach to strengthening students' vocabulary, reading, and communication skills. The emphasis will be on the oral reading and written analysis of contemporary, dramatic literature, as well as short stories. The use of technology is also an integral part of the course. Reader's Theatre will also focus on developing creativity, higher level thinking skills, empathy, confidence, critical thinking skills, and group cooperation. It is a relevant and vigorous class that will prepare the student for career and/or college readiness.

****COURSE TITLE - CONTEMPORARY LITERATURE - (Course # 4023)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - Junior and Senior standing.

DESCRIPTION - If you enjoy reading, this class might be for you. Selections will include plays, novels, short stories, and self-selected biography/autobiography. Students will be challenged to think critically as they develop higher-level thinking skills (and some laughs). Grades will be based on written assignments, quizzes, tests, and class participation. The variety of material covered provides something of interest for all

****COURSE TITLE - CREATIVE WRITING - (Course # 4029)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - Junior and Senior standing.

DESCRIPTION - This writing course is designed to assist students in improving their writing skills and to enhance their imaginations. Emphasis will be placed on clarity of expression and originality of thought. A wide variety of genres will be explored including fictional personification, autobiographical work, poetry, and an illustrated children's book. Vocabulary enhancement will be stressed. Written work, examinations, and vocabulary exercises will be used to evaluate student progress.

****COURSE TITLE - DRAMA - (Course # 4033)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - Junior and Senior standing.

DESCRIPTION - Drama/Classical Literature is an excellent course that will prepare you for your college literature classes. It is a multifaceted course that will take your confidence to the next level, ignite your imagination, and prepare you for college and the "real world." This course is an advanced performance class, as well as a history and literature course. Major projects will emphasize creative assignments, reading classical dramatic literature, a research paper, and a drama recital. Journal writing will stress writing and composition through evaluation of classroom activities and literature. Dramatic works that will be studied include Shakespeare, Moliere, Shaw, Simon, and Miller. Drama class will encourage individual creativity and the development of self-confidence. This challenging course will enrich you, develop your higher level thinking skills, and prepare you for college and the 21st century. Drama/Classical Literature offers crucial and active learning for the students and so much more!

****COURSE TITLE - AP ENGLISH LITERATURE & COMPOSITION - (Course # 4034)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Senior standing.

DESCRIPTION - AP English Literature and Composition will prepare students for college level courses. AP English Literature and Composition is a study of English literature and language from its earliest beginnings to the present, as well as classic world literature. We will read short stories, nonfiction, drama, poetry, and novels from around the world. This course is strongly recommended for college-bound students. Grades will be based on quizzes, vocabulary study, class participation, projects, and assignments which focus on literary analysis and the development of cogent, concise, and graceful writing. Timed multiple choice and essay tests will give students practice for the AP exam in May. An open, inquisitive mind, a willingness to read carefully, and a desire to perfect writing skills are a must for success in this challenging and valuable course. Upon completion of the course, the student will take the Advanced Placement exam to earn college credit.

****COURSE TITLE - COLLEGE PREP WRITING - (Course # 4040/4041)**

LENGTH AND CREDIT - 1 Semester

PREREQUISITES AND/OR LEVEL - Senior standing

DESCRIPTION - This semester long course is designed for seniors who will be involved in applying to universities or technical colleges and applying for scholarships as well as those students wishing to be better prepared for the rigor of college writing. In this class, students will work closely with the instructor and the Guidance Department to learn about the application process including how to fine tune their application essays. Students will also practice writing skills they will most likely be asked to do in a composition class as a college freshman, with an emphasis in research skills, thesis statements, organization, and clarity. Grades will be determined by written work, participation, effort, and journals.

SPANISH COURSE DESCRIPTIONS

****COURSE TITLE - SPANISH 1** (Course # 4101/4102)

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Must be enrolled in English 9, English 10, or English 11. **It is very important for students to have certain grammar skills in English very well developed before enrolling in Spanish classes. If the student's reading, writing or speaking skills are below the 9th grade level, it is highly suggested they do not enroll in Spanish 1 until skills improve to the 9th grade level. Any students without strong study skills are encouraged to delay taking Spanish until their skills are better developed.**

DESCRIPTION - This course is an introduction to the Spanish language. Students will be introduced to basic vocabulary, grammar, expressions and present tense. In order to be successful in Spanish the student must devote time outside of class to homework, reviewing notes/studying, and researching/preparing presentations for cultural projects. It is important to have developed strong study skills before entering this class. The student must be willing to use the language in conversation, songs, games, and other in class activities. Students will also be responsible for demonstrating their knowledge of Hispanic Culture through quizzes and a project(s).

****COURSE TITLE - SPANISH 2** (Course # 4111/4112)

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Completed Spanish I with an A or B or teacher recommendation.

DESCRIPTION - Spanish 2 provides a continuation of the experience in the Spanish language. Vocabulary increases and finer points of grammar are mastered and the imperfect, future, and conditional tenses will be introduced. Students are expected to become better able to communicate in Spanish, understand what is said to them, write short compositions, and read intermediate material. Strong study skills are extremely important for this course. Students are graded on homework, classroom participation, tests, and cultural projects. Students will continue to demonstrate their understanding of the Hispanic Culture through quizzes and a project(s).

****COURSE TITLE - SPANISH 3** (Course # 4121/4122)

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Spanish 2 with an A or B or the recommendation of a teacher.

DESCRIPTION - Spanish 3 continues the student's development of the three skills of communication: Interpersonal, interpretive, and presentational, in preparation for college. Students increase their vocabulary, review and refine grammar, and all verb tenses and moods will be introduced. Strong study skills are extremely important for success in this course. Grading is based on unit tests, quizzes, daily work, class participation, and assigned activities. Continued cultural understanding through quizzes and a project(s) will be required. This course may be taken through SRNTC if there are no sections available through the Spanish curriculum.

****COURSE TITLE - SPANISH 4** (Course # 4131/4132)

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Spanish 3 with an A or B or the recommendation of a teacher.

DESCRIPTION - AP Spanish is an advanced level of study designed for college bound students and those considering a career in which a foreign language will be helpful/necessary. The course includes: A review of grammar, a study of advanced tenses, a continued study of Hispanic culture and discussions on topics of interest. Students are expected to communicate in Spanish in the classroom. Students are graded on unit tests, quizzes, daily work, assigned activities and class participation. Many activities in class are chosen based on the AP Spanish Language and Culture exam.

****COURSE TITLE - MI IDIOMA, MI COMUNIDAD: ESPAÑOL PARA BILINGÜESIS** (Course # 4133/4134)

LENGTH AND CREDIT - 1 Year, 1 Credit

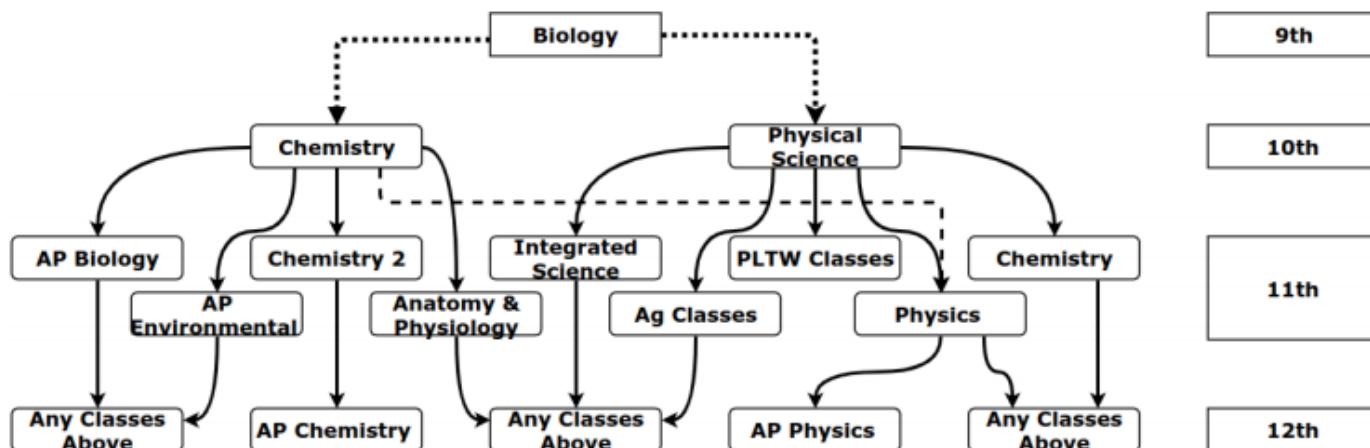
PREREQUISITES AND/OR LEVEL - Must demonstrate appropriate linguistic background / experience (ie. living in a Spanish speaking household or having spent significant amounts of time in Spanish-speaking countries, or have instructor approval)

DESCRIPTION - In this course we will follow *Mi idioma, mi comunidad: español para bilingüesis*, an open-access textbook for Heritage Language Learners of Spanish that centers on students' experiences with language, identity, and belonging in the Midwest through real-world applications. We will use a project-based approach that outlines how students engage in real-life applications by exploring culturally relevant topics in language use, arts, festivals, food, ethnography, oral history, digital lives, and school. Through multimedia such as podcasts, videos, neighborhood maps, and music, we promote interactive exploration of culturally relevant content while supporting students' language maintenance and growth.

SCIENCE COURSE DESCRIPTIONS

Required Courses - Biology, **Physical Science OR Chemistry 1**

SOME POSSIBLE 4 YEAR SCIENCE COURSE SEQUENCES



****COURSE TITLE - BIOLOGY** - (Course # 4205/4206)

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Required of all Freshmen

DESCRIPTION - The study of life is explored through major themes of structure and function, matter and energy in organisms and ecosystems, interdependent relationships in ecosystems, inheritance and variation of traits, as well as natural selection and evolution. Topics include introductory biochemistry, cellular structure and function, photosynthesis, cellular respiration, genetics, biotechnology, evolution and ecology. Grades are based upon tests, quizzes, activities, assignments and laboratory exercises.

****COURSE TITLE - PHYSICAL SCIENCE** - (Course # 4201/4202)

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Biology. Recommended for Sophomores interested in 1 or 2 year college, trades, or direct entry into the workforce.

EITHER PHYSICAL SCIENCE OR CHEMISTRY IS REQUIRED

DESCRIPTION - Gives the student experience in observation, basic skills, knowledge of how to analyze experimental data and generalize from it, and how to correlate an abstract idea with concrete situations. Physical Science introduces students to the reason for studying matter and energy and to the methods scientists use in their studies. With that background, the student examines classification and measurements of matter, changes in matter, and the nature and the role of energy. The diversity of physical science, the overlapping between branches of science, and the effects of science on our way of life are emphasized. Grades are based upon daily work, quizzes, tests, projects, laboratory exercises.

****COURSE TITLE - CHEMISTRY 1** - (Course # 4209/4210)

LENGTH AND CREDIT - 1 Year, 1 Credit

EITHER PHYSICAL SCIENCE OR CHEMISTRY IS REQUIRED

PREREQUISITES AND/OR LEVEL - Biology and completion of Algebra 1 or equivalent. Recommended for Sophomores interested in a four-year college.

DESCRIPTION - Introductory course in chemistry intended as either a terminal course in science or as pre-college course. Topics covered are: Atomic structure, periodicity, ionic & covalent bonding, formulas and equations, stoichiometry, solutions, acids and bases. Laboratory work in all the above areas is included as part of the course. Exams will be given following completion of each unit. Some computer work is also included. Evaluation is based on exams, laboratory work, and quizzes.

****COURSE TITLE - INTEGRATED SCIENCE** - (Course # 4241/4242)

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Biology and Physical Science

DESCRIPTION - Integrated Science is a science course designed for those students not planning on attending a four-year college and who need a third science credit to meet their high school science graduation requirement. However, it is open to anyone with an interest in science. It will be geared more toward the interest of students, with concepts that will be valuable as citizens, consumers and in the workforce. Topics to be covered include content from physical, biological, and earth and space sciences. We will also be looking at current issues in science, such as global warming, energy sources, etc.

****COURSE TITLE - GENERAL PHYSICS** - (Course # 4215/4216)

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Algebra 1 and Geometry are required; **HIGHLY RECOMMENDED for Juniors interested in a four-year college.**

DESCRIPTION - Introductory course covering the following units: Concepts in Motion, Mechanics, Momentum, Waves, Sound and Light, Electricity and Magnetism, Atomic and Nuclear Physics. Recommended for students planning a career in science, engineering, or technical and science related fields. Textbook, laboratory, student activities, demonstrations, and videos, will be used. Evaluation based on exams, laboratory work, problem assignments, and others.

****COURSE TITLE - CHEMISTRY 2** (Course # 4225/4226)

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - CHEMISTRY 1

DESCRIPTION - This class is designed as a pre-college course that covers those topics not covered in Chemistry 1 that typically are covered in a college introductory chemistry course. Topics covered include a review of chemical equations and stoichiometry, thermochemistry, reaction rates, redox reactions, organic compounds, and nuclear chemistry. Also included in this course will be practice with scientific literacy skills according to the Next Generation Science Standards and Common Core Literacy Skills for 9-12 science education. Evaluation will be based upon exams, quizzes, and laboratory work.

****COURSE TITLE - ANATOMY & PHYSIOLOGY - (Course # 4280/4281)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Biology——

DESCRIPTION - This year-long class will study the anatomy and physiology of the human body. The study will begin at the molecular level and progress to the level of the organism. All eleven organ systems of the human body will be identified and the major organs of each will be studied, however, some systems will be stressed more than others. Lab experiences will include blood pressure experiments and a full week dissection. Learning of anatomical terms will be an ongoing experience during the year. Evaluations will include in-class quizzes, tests, and lab experiments.

****COURSE TITLE - AP PHYSICS - (Course # 4217/4218)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Completion of Algebra 1 and Geometry are required. Completion of or concurrent enrollment in Algebra 2 is recommended.

DESCRIPTION - AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Students will have the option, at their own expense, to take the AP exam with the possibility of earning college credits.

****COURSE TITLE - AP BIOLOGY - (Course # 4219/4220)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Completion of Biology AND Chemistry are required.

DESCRIPTION - Recommended for SENIORS. AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions. Students will have the option, at their own expense, to take the AP exam with the possibility of earning college credits.

****COURSE TITLE - AP CHEMISTRY - (Course # 4223/4224)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Completion of Chemistry is required. Completion of or concurrent enrollment in Algebra 2 is recommended.

DESCRIPTION - The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Students will have the option, at their own expense, to take the AP exam with the possibility of earning college credits.

COURSE TITLE - **AP ENVIRONMENTAL SCIENCE - (Course #4291/4292)

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND /OR LEVEL - Biology

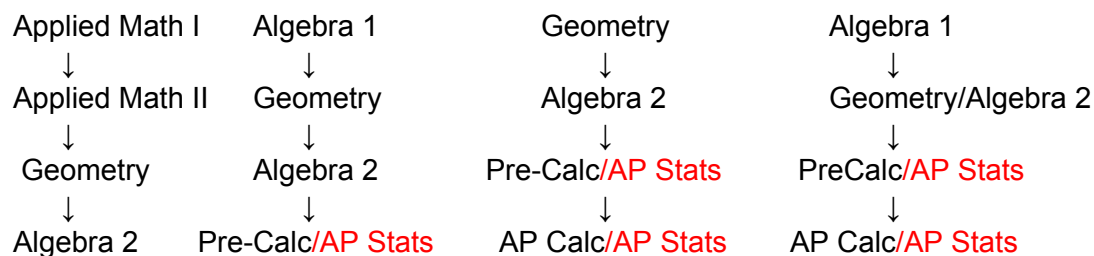
DESCRIPTION - Recommended for JUNIORS. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Students will have the option, at their own expense, to take the AP exam with the possibility of earning college credits.

MATH COURSE DESCRIPTIONS

Required Courses –Applied Math 1, Algebra 1, or Geometry must be taken by 9th graders unless otherwise completed. Initial placement will be determined by the Identification/Selection Process. Placement decisions are based on math grades, placement tests, state test results, and previous courses. Personal Finance is required by all students for graduation.

Year Courses –Applied Math 1, Applied Math 2, Algebra 1, Geometry, Algebra 2, Precalculus, AP Calculus, AP Statistics

COMMON 4 YEAR MATH COURSE SEQUENCES



**Note: Other sequencing options are available

COURSE TITLE - **APPLIED MATH I - (Course # 4303/4304)

LENGTH AND CREDIT - 1 YEAR, 1 CREDIT

PREREQUISITE AND/OR LEVEL - Math Department recommendation.

DESCRIPTION - Do you learn more by seeing and doing? Then applied math is the course for you. The name, applied math, tells you this course is designed to show how mathematics is used in everyday life. Hands-on activities and experiments are used to develop skills in the areas of arithmetic, algebra, and written communications. Due to the lab activities, good attendance and a good work ethic is crucial for success.

Students will cover topics ranging from fractions to systems of equations. A major focus is to teach skills employers look for in their employees: the ability to solve problems, the ability to work well with others, and the ability to communicate well.

Grades are determined by quizzes, tests, and daily homework.

COURSE TITLE - **APPLIED MATH II - (Course # 4305/4306)

LENGTH AND CREDIT - 1 YEAR, 1 CREDIT

PREREQUISITE AND/OR LEVEL - Applied Math I, or Department Recommendation

DESCRIPTION - Do you learn more by seeing and doing? Then applied math is the course for you. The name, applied math, tells you this course is designed to show how mathematics is used in everyday life. Hands-on activities and experiments are used to develop skills in the areas of arithmetic, algebra, and written communications. Due to the lab activities, good attendance and a good work ethic is crucial for success.

Students will cover topics ranging from fractions to systems of equations. A major focus is to teach skills employers look for in their employees: the ability to solve problems, the ability to work well with others, and the ability to communicate well.

****COURSE TITLE - OCCUPATIONAL MATH** (Course #4307/4308)

LENGTH AND CREDIT - Semester, $\frac{1}{2}$ credit

PREREQUISITE AND/OR LEVEL - Department Recommendation

DESCRIPTION - Occupational Math is designed to prepare students for the types of math they will be using in the real world of work. Students will review and develop fundamental concepts of mathematics in the areas of algebra, geometry, trigonometry, measurement, finance, statistics and data. Students will be tested in their knowledge of percents, fractions, and order of operations to complete projects and real-life situations. Special emphasis will be placed on problem solving, critical thinking, logical reasoning, and making connections to the real world.

****COURSE TITLE - ALGEBRA 1** (Course # 4309/4310)

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - Algebra 1 is generally the beginning high school math course for most 9th graders, except those recommended for Applied Math 1. This course is required for entrance to 4 year colleges and many career and technical education programs. Daily homework is expected and grades are earned through tests, quizzes, worksheets, and acceptable class participation.

****COURSE TITLE - GEOMETRY** (Course # 4313/4314)

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Algebra 1 with a C- or better, or the recommendation of a teacher. (or Applied Math I and Applied Math II).

DESCRIPTION - Geometry is an elementary course in introducing reasoning and logic. It uses a specific set of assumptions and theories and works within this framework to set up a logical discourse to determine a conclusion. It also introduces the student to coordinate geometry and solid geometry to help in solving real world problems. This course is **required** for entrance to 4 year colleges. Daily homework is expected and grades are earned through tests, quizzes, worksheets, and acceptable class participation.

****COURSE TITLE - ALGEBRA 2** - (Course # 4317/4318)

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Algebra 1 (or Applied Math I and Applied Math II), Geometry recommended. Successful completion of prerequisites with a C- or better, or the recommendation of a teacher.

DESCRIPTION - Extension of the mathematical skills covered in Algebra 1 with more emphasis on the irrational and complex number systems. Required of most 4 year colleges and recommended for selected career and technical education programs.

****COURSE TITLE - PRE-CALCULUS** - (Course # 4321/4322)

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Algebra 2 with a C- or better, or the recommendation of a teacher.

DESCRIPTION - An examination of the number systems of elementary mathematics and the study of elementary functions. Strong emphasis on trigonometry and analytic geometry. Recommended for those planning to attend college.

****COURSE TITLE - AP STATISTICS** - (Course # 4377/4378)

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Algebra 2 with A or B, may be taken in place of or along with AP Calculus or Pre-Calculus.

DESCRIPTION - AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. If a student takes the AP exam and passes they can receive college credit for the class.

****COURSE TITLE - AP CALCULUS** - (Course # 4380/4381)

LENGTH AND CREDIT – 1 YEAR 1 CREDIT

PREREQUISITES AND/OR LEVEL – Precalculus with A or B

DESCRIPTION - AP Calculus is an intense, high level class in mathematics designed to prepare students for the AP exam or college calculus. If a student takes the AP exam and passes they can receive college credit for the class.

****COURSE TITLE - PERSONAL FINANCE** - (Course #4531)

LENGTH AND CREDIT - 1 Semester, ½ credit

PREREQUISITES AND/OR LEVEL - Required for graduation

DESCRIPTION - This course will help you prepare to meet the financial demands of our society. The course teaches basic skills which are necessary to lead an independent life as an adult. You will find the information provided is practical, usable, and relevant to your daily lives. By completing the different exercises, you become more informed and better prepared to make decisions about your personal finances. Some of the topics covered renting, checking and savings accounts, debit and credit cards, buying a car, insurance, and income taxes. You will learn how to save, invest, and prepare for the important financial responsibilities you will encounter once you are on your own. You will have the opportunity to participate in an Internet Stock Market Simulation and develop investing skills. Students earn a grade based on daily work, exams, and class participation.

****COURSE TITLE - COMPUTER APPS**

LENGTH AND CREDIT - 1 Semester, ½ credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - Computer Apps will prepare students with the knowledge and skills of using Google Apps (Drive, Docs, Sheets, Forms, Slides). There are a multitude of capabilities provided by these apps, but so many do not know how to use them to their full potential. Computer Apps will teach students the basics as well as upper-level capabilities of each Google App and complete projects to better understand how to use them.

SOCIAL STUDIES COURSE DESCRIPTIONS

DEPARTMENT REQUIREMENTS - A total of three credits are needed for graduation that include: American History (Grade 9), Global Studies (Grade 10), American Government (Grade 11), and Economic Principles (Grade 11).

ELECTIVE COURSES: AP U.S. History (Grades 11 or 12), Cultural Changes in Modern Civilization (Grades 11 or 12), Psychology (Grades 11 or 12).

COURSES AVAILABLE BY CLASS

<u>FRESHMAN</u>	<u>SOPHOMORE</u>	<u>JUNIOR</u>	<u>SENIOR</u>
-Amer. History	-Global Studies	-Modern United States Gov & Civ	-Cultural Changes in Modern Civilization
		-Cultural Changes in Modern Civilization	-Psychology
		-Psychology	-AP U.S. History
		-AP U.S. History	

****COURSE TITLE - AMERICAN HISTORY - (1865 – Present) (Course # 4443/4444)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Required of Freshmen

DESCRIPTION - Students will learn about the history of the United States from the post-Civil War era to the present. Students will examine change and continuity over time in order to develop historical perspectives, explain historical relationships, and analyze issues that affect the present and the future. Assessment tools used will include: Tests, quizzes, cooperative group work, writing and reading activities (scored with a specialized rubric), and problem-solving activities.

****COURSE TITLE - GLOBAL STUDIES - (Course # 4411/4412)**

LENGTH AND CREDIT - 1Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Required of Sophomores

DESCRIPTION - This course tells the story of how people of the world live today, as well as how they lived in the past. The main emphasis will be from a geographical, cultural, and historical perspective that spans Asia, Africa, the Americas, Europe, Australia, and the Middle East. This course will also examine how geography influenced history. Many maps will be integrated into the coursework, including how these areas look today and the basic principles of geography. Assessment tools will include: daily homework, tests, quizzes, daily activities (including working in cooperative groups), writing and reading activities (scored with a specialized rubric), and problem-solving activities.

****COURSE TITLE - MODERN UNITED STATES GOVERNMENT AND CIVICS - (Course # 4465/4466)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Jr. Standing

DESCRIPTION - This class introduces students to the American democratic system. All three branches of government, as well as all three levels of government, will be explored from both a modern and historical perspective. The basic ideas of economics and their place in society will be investigated while providing a more in-depth analysis of how governmental policies and societal trends can affect the welfare of a nation.

****COURSE TITLE - CULTURAL CHANGES IN MODERN CIVILIZATION - (Course # 4464)**

LENGTH AND CREDIT - 1 Semester, ½ Credit

PREREQUISITES AND/OR LEVEL - Junior or Senior Standing

DESCRIPTION - This course will explore cultural changes in the 20th and 21st centuries (modern times) by analyzing the “actions and reactions” of individuals, groups, and institutions throughout different cultural generations. We will explore the various groups throughout the 20th century that helped to change their societies, socially and politically, through revolution and resistance movements. Some of the groups from the United States that will be covered include the beatniks, the flower children, the civil rights movement, and the Black Panthers among others. Internationally we will look at the Bolsheviks, the Viet Cong, and the Taliban. Assessment tools will include: homework, quizzes, tests, cooperative group work, discussion, writing and reading activities (scored with a specialized rubric), and a technology-based semester project and rubric.

****COURSE TITLE - PSYCHOLOGY--SWTC TC - (Course # 4471/4472)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Junior or Senior Standing

DESCRIPTION - This course provides an overview of the scientific study of human behavior. Topics include history, methodology, biopsychology, sensation, perception, learning, motivation, cognition, abnormal behavior, personality theory, social psychology, and other relevant topics. Upon completion, students should be able to demonstrate a basic knowledge of the science of psychology. This course is offered as transcribed credit through Southwest Technical College.

****COURSE TITLE - AP U.S. HISTORY - (Course # 4473/4474)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Junior or Senior Standing

DESCRIPTION - The AP U.S. History course focuses on developing students’ understanding of American history from approximately 1491 to the present. The course has students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and environment; and culture and society) that students explore throughout the course in order to make connections among historical developments in different times and places.

AGRICULTURE COURSE DESCRIPTIONS

Agriculture Education courses are open to all students interested in learning about the Agriculture Industry. You do not need to be from a farm background, or even plan to farm after taking an agriculture class. Agriculture is our nation's largest employer generating over 19.7 million jobs annually including careers in biotechnology, marketing, genetics, engineering, food science, horticulture, and more. The U.S. Department of Labor projects significant growth in selected food, renewable energy, and environmental jobs for the next several years. Areas with the largest expected growth include, management & business, science & engineering, production agriculture, and education & communication.

When you enroll in an agriculture education course, you are encouraged to join the FFA. FFA is the world's largest youth organization, provides great opportunities for competition, awards and recognition, development of leadership and communication skills, and many other possibilities for personal growth and development. You will also be expected to carry an approved Supervised Agricultural Experience, SAE. This program or project need not be farm related. There are 30 different program areas available ranging from mowing lawns, gardening, mechanics, livestock and crop production, floriculture, wildlife management, specialty animal production, and home or farm improvement. There are plenty of possibilities for both the non-farm and farm students.

Departmental Requirements - All students not previously enrolled in an Agriculture Education class must take the first year Introduction to Agriculture. After successfully completing the first year course, students may advance to other courses with the teacher's consent. All seniors taking the Ag Technology course must be enrolled concurrently in Ag - Business Emphasis or have instructor approval.

GRADING SYSTEM - The grade for this course will be derived from three areas: Classroom, FFA, and SAE. The percentage breakdown will be as follows:

CLASSROOM.....80%
 SAE.....15% - From Computerized Record Keeping
 FFA.....5%

Sequence - The following shows the recommended sequence for an Agriculture Education student to follow:

<u>YEAR</u>	<u>CREDIT</u>	<u>COURSE</u>	<u>PREREQUISITES</u>
Freshman	1	Intro to Ag and FFA	None
Sophomore	1	Ag - Animal Science Emphasis	Intro to Ag or instructor consent
Junior	1	Ag - Dairy & Soils Emphasis	Intro to Ag or instructor consent
Senior	1	Ag - Business Emphasis	Intro to Ag or instructor consent
Senior	1/2	Ag - Technology	Mfg Tech & Welding Recommended

****COURSE TITLE - INTRODUCTION TO AGRICULTURE - (Course #4551/4552)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - This course is the first of a sequence of five agriculture classes that can be taken. Intro to Ag is recommended for incoming freshmen interested in learning about the exciting industry of Agriculture. Units of instruction will include: Careers in Agriculture; weed control and identification; FFA, SAE and Farming Records; Parliamentary Procedure; Public Speaking; Livestock, Dairy, Crops, and Soils evaluations (judging); Basic Soils and Basic Crop Production. Students will be required to recite the FFA Creed.

****COURSE TITLE - AGRICULTURE - ANIMAL SCIENCE EMPHASIS - (Course # 4553/4554)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Intro to Ag or instructor consent. Recommended for Sophomores.

DESCRIPTION - Units of instruction will include: Animal Nutrition; Animal Genetics; Meat Science; Advanced Livestock Evaluation; Beef, Sheep, Swine Management and Companion Animals; Forage Crop and Pasture Management; FFA, Public Speaking, and Parliamentary Procedure.

****COURSE TITLE - AGRICULTURE - DAIRY AND SOIL SCIENCE EMPHASIS - (Course # 4555/4556) -**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Intro to Ag or instructor consent. Recommended for Juniors.

DESCRIPTION - Units of instruction will include: Advanced Soil Science and Fertilizers; Dairy Management; Livestock Reproduction and Artificial Insemination; Conservation; Introduction to Agriculture Technology; FFA, Public Speaking, and Parliamentary Procedure.

****COURSE TITLE - AGRICULTURE - BUSINESS EMPHASIS - (Course # 4557/4558)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Intro to Ag or instructor consent. Senior standing.

DESCRIPTION - Units of instruction will include: Careers in Agriculture; Career Planning and Education after graduation; Economics in Agriculture; Agriculture Marketing; Agriculture Credit; Agriculture Business Management; FFA, Leadership Training, and Computerized Records Application. Students will be required to interview four area farmers or business people regarding aspects of marketing and write a four page paper on their findings.

****COURSE TITLE - AGRICULTURE ENGINEERING TECHNOLOGY - (Course # 4559)**

LENGTH AND CREDIT - 1 Semester (Fall only), 1/2 Credit

PREREQUISITES AND/OR LEVEL - Manufacturing Tech and Welding are recommended..

DESCRIPTION - The student will complete at least 2 major projects during the semester (woods or metals and project choice). Also, several small projects will be completed throughout the semester including: Sharpening a cold chisel and drill bit, making a tool gauge, an eyebolt and making various welds with the oxyacetylene and arc welders. The course also includes units on shop and tool safety, drawing project plans and figuring bills of materials. Students must purchase safety glasses before they will be allowed to work in the shop. Students will be charged material costs related to projects.

****COURSE TITLE – AGRICULTURAL WELDING - (Course #4561)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - This course is designed for students interested in the agricultural welding field as both a potential career path and as an essential skill for farm maintenance and repair. Students will learn personal protective equipment and safety, proper tool usage, and good shop work habits. Students will be introduced to ARC, MIG, and Oxy-Acetylene welding and cutting, as well as plasma cutting. Students will perform a variety of welding joints and joint preparation for metal repair and fabrication. Students will also plan and produce agriculturally related welding projects of their choice. Students will be charged a lab fee and materials costs for this course

****COURSE TITLE – AGRICULTURAL POWER - (Course # 4566)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - Sophomore Standing

DESCRIPTION - This course is designed for students interested in a broad spectrum of energy and power related fields. Students will study simple machines, hydraulics, electrical power, alternative energy sources and power distribution. Agriculture energy uses and power systems will be highlighted as well. Internal combustion engines will be taught including parts, functions, and related systems. Disassembly and assembly of engines will be covered with students repairing and maintaining their own small engines. Students will be charged a lab fee and materials costs for this course.

****COURSE TITLE – NON-TRADITIONAL AGRICULTURE (Course # 4564)**

LENGTH AND CREDIT - 1 Semester, ½ Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - This semester course would include units in four less traditional agricultural areas. These units are currently introduced, but not taught in detail within our current agriculture curriculum. Units would include companion animals, equine science, horticulture, and wildlife. Individual students would select at least two of these units that they would like to study in detail throughout the semester course.

AGRI/TECHNOLOGY EDUCATION COURSE DESCRIPTIONS

Ag. Technology and Application	Woods Technology
Welding Technology	Advanced Woods Technology
Advanced Welding Technology	Wildlife and Natural Resource Management
Livestock and Crop Production	Home Maintenance and Electricity
Agricultural Structures	

***INDEPENDENT STUDY IN Agri/TECHNOLOGY EDUCATION**

*** Note any independent study must meet with BOTH the instructor's and principal's approval. Independent study requires a curriculum plan, assessment, project(s) and goals which involve the instructor and the student. These plans for curriculum, assessment, projects, and goals have to be approved by the principal and must be completed and turned in to the instructor with a copy for the principal. (See page 28 for details on Independent Study)**

****Course Title - INTRO TO AG. TECHNOLOGY AND APPLICATION - (Course # 4667)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - This course is designed to orient students to the overall technical ed. program at Darlington. Areas of study include: Introduction to engineering, design and drafting, fence construction, bridge design and building, skyscraper design structures and building, tech. challenges, introduction to hand tools, basic woods, intro. to welding etc. Students will learn through a "Hands On" approach and will complete various projects and activities in each area of study.

****COURSE TITLE - WOODS TECHNOLOGY - (Course # 4574 & 4576)**

LENGTH AND CREDIT - 2 SEMESTERS , 1 CREDIT

PREREQUISITE AND/OR LEVEL - None

DESCRIPTION - Woodworking is a course designed to introduce students to general woodworking practices. Students will expand their knowledge and experience through various projects, lessons, and vocabulary. Students will be expected to learn about and safely use hand tools, power tools, and woodworking machinery. The projects are designed to give students as much experience as possible by using many different machines and tools. The projects will also cover as many aspects of the building and woodworking industries as is possible in an entry level course.

Upon successful completion of this course, the student will have woodworking skills that will be useful in any aspect of the construction industry. Additionally, the student should have a broader understanding of construction processes as well as more in depth problem solving skills. This course is also a prerequisite for Advances Woods Technology.

****COURSE TITLE - WELDING TECHNOLOGY - (Course # 4587/4588)**

LENGTH AND CREDIT - 2 Semesters, 1 Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - The Welding Technology class is an introduction to the most common types of welding tools procedures. The student will have hands-on experience using different welding processes such as Shielded Metal Arc Welding, Oxy-acetylene welding/cutting and Gas Metal Arc Welding, and TIG Welding. Good shop procedures and proper safety practices will be emphasized throughout the course. Students will design and construct a final project in semester 2 and be assessed on quality and craftsmanship. This class is also a prerequisite to Advanced Welding Technology.

****COURSE TITLE - ADVANCED WELDING TECHNOLOGY - (Course # 4889)**

LENGTH AND CREDIT - 1 Semester, ½ Credit

PREREQUISITES AND/OR LEVEL - Welding Technology

DESCRIPTION - Advanced Welding builds on knowledge and skills developed in Welding 1. Students will develop advanced welding concepts and skills as they relate to personal and career development. This course integrates academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems through hands-on project completion.

****COURSE TITLE - ADVANCED WOODS TECHNOLOGY - (Course # 4577)**

LENGTH AND CREDIT - 1 Semester, ½ Credit

PREREQUISITES AND/OR LEVEL - Woods Technology

DESCRIPTION - This course is offered for the advanced student interested in the area of construction and cabinet making. The student will have a variety of areas of study to select from including cabinet making, carpentry and other advanced areas. During this course students will continue to build on their knowledge in planning a project, selection and use of materials, including tools and machines to produce a finished product. Students are required to design and build a project that will take the length of the semester.

****COURSE TITLE - WILDLIFE AND NATURAL RESOURCE MANAGEMENT (Course # 4870)**

LENGTH AND CREDIT - 1 Semester, ½ Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - Wildlife and Natural Resource Management focuses on the ecology of wild animals, including the study of their biology and interrelationships with each other, with humans, and with the physical and biological environment that makes up their habitat. Students will explore natural resources careers, and concepts of systems, soils, forest biology, forest ecology, water resources, fish and wildlife management, and Wisconsin forest and wildlife practices. Students will have many hands-on projects including taxidermy, ice fishing rod, antler mounting and more.

****COURSE TITLE - LIVESTOCK AND CROP PRODUCTION - (Course # 4872)**

LENGTH AND CREDIT - 1 Semester, ½ Credit

PREREQUISITES AND/OR LEVEL - Junior/Senior

DESCRIPTION - This course provides fundamental knowledge of the animal science field. Topics include marketing and economics in livestock production, animal health, animal environments, anatomy and physiology, genetics and reproduction, animal feedstuffs, and job related safety. Participants will experience animal concepts through the completion of hands-on activities. Crop production offers instruction in plant science and gives attention to soils, chemicals, fertilizer, marketing, plant feeding, field crop management, and economics in field crop production.

****COURSE TITLE - HOME MAINTENANCE AND ELECTRICITY - (Course # 4591)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - This course provides students with an opportunity to explore the many different areas in construction that relate to home maintenance and repair. Students will develop advanced problem-solving skills as they relate to home repair and essential life skills that will help make them self-reliant in maintaining or updating a residential structure. Students will also learn and practice many different home repair procedures and techniques including: plumbing, electrical, drywall work, tiling, etc. This course will be presented from a theoretical as well as a hands-on approach. This course will cover topics relating to equipment, techniques and procedures as they pertain to home maintenance and repair. Students will have the opportunity to apply construction techniques in a hands-on project based setting.

****COURSE TITLE - CAD 1 - (Course # 4621)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - This course introduces students to the computer aided design world. Computer aided design is the modern method used for prototyping and developing nearly everything we use in our world today. This class will focus on drawing 2D objects from front, top, and side views along with 2D house floor plans. Near the end of the semester, students will have the opportunity to draw 3D objects and use the 3D printers.

****COURSE TITLE - CONSTRUCTION PLANNING/MANAGEMENT - (Course # 4623)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - This course covers the planning, management, and estimating side of construction. Get hands on using the computer aided software, Planswift, the revolutionary tool that has changed the construction estimating process. Students will learn vital skills to prepare them for a career in the construction industry. Students will be tasked with assembling a model building, filling out permits and cost estimates, and “selling” their build to the class.

****COURSE TITLE - INTRO TO MANUFACTURING/ROBOTICS - (Course # 4625)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - This course introduces students to the many facets of manufacturing. Students will learn about robotics, mechatronics, pneumatics, hydraulics, and other manufacturing systems. Students will be tasked with designing, manufacturing, and “selling” a product. Additionally, students must work in teams to assemble a functional robot. An emphasis will be placed on getting out and touring local manufacturing facilities.

****COURSE TITLE - ADVANCED ENGINE POWER TECHNOLOGY - (Course # 4567)**

LENGTH AND CREDIT - 1 Sem, 1/2 Credit

PREREQUISITES AND/OR LEVEL - Ag Power.

DESCRIPTION - This course builds off of the skills learned in Ag Power. Students will get to dive deeper into the workings of engines, gearing systems, braking systems, suspensions, and much more. An in depth look at a variety of vehicles from outboard motors to diesel tractors will provide students with a broad wealth of knowledge. Students will be required to complete horsepower, torque, fuel consumption, and gearing calculations. A large focus will be put on providing students with hands-on experience working on a variety of vehicles and parts.

****COURSE TITLE - RESIDENTIAL CONSTRUCTION - (Course # 4627/4628)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Woods Technology

DESCRIPTION - This course covers the entire construction process from start to finish. Learn about concrete, steel, and wood framing, road construction, underground pipe, electrical, plumbing, siding, roofing, and much more. Students will have the opportunity to get hands-on building a variety of structures.

****COURSE TITLE - STRUCTURES - (Course # 4593/4595)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Woods Technology.

DESCRIPTION - This course provides students with the opportunity to build agriculture related structures such as chicken coops, small sheds, bale feeders, and more. Students must be able to work effectively in teams. The large focus of the class will be on the process of designing and successfully completing the plan given to each team.

****COURSE TITLE - CAD II - (Course # 4622)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - CAD I.

DESCRIPTION - This course is a follow up to CAD I and dives more in depth into the 3D modeling world. Using their own imagination, students will design and develop everything from machine parts to their own 3D house plans. Half of this class will be focused on creating a series of parts that fit together and can be 3D printed, determining proper material selection, and creating a cost and timeline estimate that could be pitched to a sales rep or CEO. The other half of the class will focus on 3D construction modeling.

****COURSE TITLE - LANDSCAPING- (Course # 4669)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - This course is designed to educate students on proper landscaping design and execution. Students will learn about the importance of site analysis, soil makeup, slope, runoff, drainage, aesthetic appeal, block laying, mulch and rock laying, golf course management, and much more. Students will gain hands-on experience landscaping throughout the semester, along with completing 3D landscaping designs using computer aided software.

****COURSE TITLE - HOME & AUTO SERVICE/LIFE SKILLS - (Course # 4675)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - This course prepares students for life ahead! Learn skills that could save you time and money someday. Students will learn useful skills in the subjects of automotive and home maintenance, animal processing, and survival just to name a few. This class will especially benefit students that have **NO** mechanical, construction, or outdoor background!

****COURSE TITLE - GRAPHIC DESIGN & VIDEOGRAPHY- (Course # 4677)**

LENGTH AND CREDIT - 1 Sem, 1/2 Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - This course dives into website creation, video editing, and photography. Students will learn how to effectively use Adobe Lightroom, Photoshop, and video editing software such as Premier Pro. A large portion of this class will be project based where students will be tasked with capturing their own photographs and video, editing them to project requirements, and presenting their work. The other portion of the class will focus on marketing through effective website creation, social media, and other methods.

****COURSE TITLE - MEDIA PRODUCTION- (Course #4678/4679)**

LENGHT AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - Welcome to Media Production, an exciting and hands-on course designed to unleash your creative potential in the world of media. This course is a comprehensive exploration of the tools and techniques essential to modern media production, with a strong emphasis on collaboration and teamwork.

In this course, students will delve into the following key areas:

1. Introduction to Video and Audio Capture Devices:

- Learn the fundamentals of operating cameras, microphones, and other recording equipment.
- Explore various shooting techniques and audio recording principles to capture compelling visuals and crystal-clear sound.

2. Media Editing and Mixing Software:

- Gain proficiency in editing software such as Open Broadcaster Software, OpenShot, and Audacity.
- Develop skills in video and audio editing that will bring your creative vision to life.

3. Live Broadcasting:

- Experience the thrill of live broadcasting, with a focus on Redbird event coverage.
- Learn the ins and outs of live production, including camera switching, graphics integration, and on-the-fly problem-solving.

4. Filmmaking and Vlogging:

- Learn how to engage with audiences through effective storytelling and presentation.

5. Podcasting:

- Explore the art of storytelling through podcasts, covering scriptwriting, voice modulation, and audio editing.
- Create and produce your own podcast episodes, experimenting with different formats and genres.

6. Collaboration and Teamwork:

- Emphasis will be placed on collaborative projects to simulate real-world media production environments.
- Develop teamwork and communication skills as you work with your peers to plan, shoot, edit, and present various media projects.

7. **General Technology Skills:**

- Acquire fundamental technology skills, including networking principles, to understand how media production integrates into broader technological ecosystems.
- Explore streaming technologies, gaining insights into live content delivery and distribution over various platforms.

By the end of the course, students will have a well-rounded understanding of media production, from capturing content to editing and presenting it to the world. This hands-on experience will not only enhance technical skills but also foster creativity, teamwork, and problem-solving abilities essential in today's media landscape.

ART COURSE DESCRIPTIONS

Any student enrolling in art for the first time must complete the Art Fundamentals course before enrolling in General Art. It is important to take Art Fundamentals first because all General Art assignments are based upon knowing and applying the elements and principles of design. After successfully completing Art Fundamentals, a student may sign up for 2 sections of General Art per year. Students will be scheduled into the art room for 1 block per day. It is further expected that additional time will be necessary during a student's study halls to complete course requirements. Some project costs are involved in Jewelry and Leather work depending on the project selected by the student.

I. ART FUNDAMENTALS- Design elements and principles are applied to drawing, painting, sculpture, and crafts.

II. GENERAL ART- An opportunity for in depth work with a wide variety of techniques and materials with more individualized thematic assignments.

Drawing-----Drawing II-----Advanced Drawing

Painting I-----Painting II-----Advanced Painting

Printmaking-----Advanced Printmaking

Design I-----Commercial Design

Art Survey I-----Art Survey II-----Advanced Survey

Ceramics I----Ceramics II----Ceramics III----Advanced Ceramics

Crafts I-----Crafts II

Jewelry I-----Jewelry II-----Advanced Jewelry

Sculpture I-----Sculpture II-----Advanced Sculpture

Computer Graphics I--Computer Graphics II

Leather Crafts I-----Advanced Leather Crafts

Air Brush I-----Air Brush II

Independent Study

ART CLASS GRADING PRACTICE:

Based on the students individual ability and improvement. 50%- projects, 50% - daily work and quiz/critiques

A SPECIAL NOTE: While the majority of Art class time is spent working on projects, some work outside of class will be necessary to complete course requirements for all Art courses. Students, with permission, can work in the art room during study halls or after school time. Tools and materials may be "checked out" for work outside of the classroom.

****COURSE TITLE - ART FUNDAMENTALS - (Course # 4851)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - A course which introduces the student to a wide range of basic art techniques and materials. This course must be successfully completed before any other art courses are taken. The student will work in many areas - design, drawing, painting, and a three dimensional clay project. The student will have experience with a variety of art principles, methods, and materials which should help the student decide whether or not to take additional art courses.

****COURSE TITLE - GENERAL ART - (Semester 1 Course # 4856 or Semester 2 course # 4857)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - Art Fundamentals

DESCRIPTION - A course designed for the student who wishes to explore an area of art in greater depth. You may choose to work in any number of areas: Jewelry, clay, drawing, painting, printing, design, crafts, sculpture, or leather work. **The course "General Art" may be repeated** with a different area of emphasis or further study of the same interest (e.g., Semester 1 General Art-Jewelry I, Semester 2 General Art-Painting I). Specific courses listed below will be selected at the beginning of the semester:

- | | |
|-------------------------|--------------------------|
| A. Drawing I | R. Crafts I |
| B. Drawing II | S. Crafts II |
| C. Advanced Drawing | T. Jewelry I |
| D. Painting I | U. Jewelry II |
| E. Painting II | V. Advanced Jewelry |
| F. Advanced Painting | W. Sculpture I |
| G. Printmaking | X. Sculpture II |
| H. Advanced Printmaking | Y. Advanced Sculpture |
| I. Design (2-D) | Z. Computer Graphics I |
| J. Commercial Design | AA. Computer Graphics II |
| K. Art Survey I | BB. Air Brush I |
| L. Art Survey II | CC. Air Brush II |
| M. Advanced Survey | DD. Leather Crafts |
| N. Ceramics I | EE. Adv. Leather Crafts |
| O. Ceramics II | FF. Independent Study |
| P. Ceramics III | |

Q. Advanced Ceramics

A description of the above courses will be distributed by the instructor at the beginning of each semester.

** FOR ALL ART CLASSES An independent project/presentation is required. This project is done in addition to the regular curriculum and is done outside regular class time. Some costs may be involved in art classes depending on the project.

COURSE TITLE - **DESIGN FUNDAMENTALS - (Course # 4861)

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - In this course the student will examine the field of graphic design and interpret the fundamentals of graphic design. Students will use the fundamentals of design by completing research, constructing layouts, creating a theme board, designing a poster, and creating a web app design. This course will provide students with the building blocks in applying the principles of design to develop creative and balanced work. *This is a living plan. Topics may change as the tenor of this course commands.*

COURSE TITLE - **COLOR THEORY - (Course # 4863)

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - None

DESCRIPTION - In this course students will explore the fundamental components of color. Lectures and exercises introduce color theory, psychology, perception, value, harmonies and trends. Students will use a wide range of tools, techniques and media on a variety of assignments to learn how one can communicate with color.

HEALTH & DRIVERS ED COURSE DESCRIPTIONS

****COURSE TITLE - DRIVER EDUCATION - (Course # 4701/4702)**

OR SUMMER DRIVER EDUCATION - (Course # 4704)

LENGTH AND CREDIT - 1 Semester, 1/4 Credit

PREREQUISITES AND/OR LEVEL – Grade 9 or above. Students will be placed in sections based on their age.

DESCRIPTION - A two phase course which includes classroom instruction with six hours of driving plus six hours of observation time.

CLASSROOM PHASE: Safety in relation to the operation of the automobile is of primary importance throughout the course. Emphasis is also placed on the social and legal responsibilities of the driver. Topics for investigation are: A detailed study and interpretation of the rules and regulations governing driving, natural forces that influence driving behavior, alcohol and drugs in relation to motor vehicle operation, and the safe, efficient, and economic use of the automobile. Methods of instruction will include discussions, lectures, video presentations, guest speakers and projects on an individual basis. Students will be expected to do outside work as assigned. Grades will be assigned on the basis of test achievements, class projects, class participation, and quizzes. Students must be in attendance for a minimum of 30 clock hours (40 class periods) to fulfill state requirements.

BEHIND-THE-WHEEL PHASE: Students who choose the behind-the-wheel phase must be achieving a passing grade in the classroom portion of this program, or have satisfactorily completed the classroom phase. Students are generally chosen in chronological order (oldest student first) but scheduling problems may lead to some younger students beginning first. Instruction is given in a dual controlled car. From orientation through final evaluation, the student is given the opportunity to experience actual driving under a variety of traffic, weather, and road conditions. Basic skills are learned before progressing toward more advanced techniques and problems. There will be a lab fee for Behind-the-Wheel.

****COURSE TITLE - HEALTH - (Course # 4705)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - Required for graduation.

DESCRIPTION - A course which deals with mental, physical, and social components of healthy living. An emphasis is placed on examining personal attitudes and behaviors with regard to the student's current health status and how those attitudes and behaviors will affect his/her health over his/her lifetime. The student's role as a potential parent and parental responsibility will be discussed. Discussions will also be held on causes, prevention, and treatment of common diseases

PHYSICAL EDUCATION COURSE DESCRIPTIONS

Darlington High School requires students to pass 1 1/2 credits of physical education plus the senior physical education requirement.

NOTE: All grades earned in Physical Education will be counted in each student's G.P.A.
The senior physical education requirement can be met in one of two ways: (1) The requirement can be completed by successfully passing the Department Skills Test administered during Grade 11, or (2) successfully completing the course requirements of a regularly scheduled physical education class during the senior year.

****COURSE TITLE - PHY ED: TEAM SPORTS - (Course # 4753/4754)**

LENGTH AND CREDIT - 3 Years, 1.5 Credit (1/2 Credit/Year)

PREREQUISITES AND/OR LEVEL - None. Boys and girls Grades 9, 10, & 11th.

DESCRIPTION - Participation in a variety of physical education activities. The class is designed for students with a competitive nature. Students will learn advanced strategies. Team activities may include: Ultimate Frisbee, team handball, volleyball, softball, basketball, soccer, floor hockey, speed ball, and flag football. Other mini units may be added such as badminton, pickleball, archery, golf, fitness. Written tests, written work, and skill tests will also be required at the end of most units. Classes are co-educational.

****COURSE TITLE - PHY ED: INDIVIDUAL SPORTS - (Course # 4757/4758)**

LENGTH AND CREDIT - 3 Years, 1.5 Credit (1/2 Credit/Year)

PREREQUISITES AND/OR LEVEL - None. Boys and girls Grades 9, 10, & 11th.

DESCRIPTION - Participation in a variety of physical education activities. The class is designed for students with a non-competitive nature but rather enjoy leisure and lifetime activities. Students will learn to enjoy physical activity to enhance their quality of life. Individual activities may include: Archery, Golf, Badminton, Pickleball, Fitness, disc games, bowling, fitness walking/jogging, dance, and yoga etc. Other mini units may be added such as basketball, volleyball, track & field, speedball. At the conclusion of the subject offerings, students will have experienced a wide variety of activities that will enable them to participate actively in a recreational/therapeutic pursuit throughout their lives. Written tests, written work, and skill tests will also be required at the end of most units. Classes are co-educational.

****COURSE TITLE - PHY ED : FITNESS - (Course # 4755/4756)**

LENGTH AND CREDIT - 3 Years, 1.5 Credit (1/2 Credit/Year)

PREREQUISITES AND/OR LEVEL - None. Boys and girls Grades 9, 10, & 11th.

DESCRIPTION - Participation in a variety of physical education activities. The class is designed for students who want to become better athletes or achieve a higher level of health or have an interest in a health/medical field. Activities will include techniques to improve muscular endurance, muscular strength, body composition, cardiovascular endurance, flexibility. Skill related fitness components will include: agility, balance, coordination, speed, power and reaction time. At the conclusion of this course students will be able to set measurable fitness goals, create a plan to achieve it, enhance their quality of life and better understand the muscles of the body. Written tests, fitness plans, written work and other various assessments will be used. Classes are co-educational.

****COURSE TITLE- FUNDAMENTALS OF COACHING - (Course # 4707)**

LENGTH AND CREDIT - 1 semester .5 credit

PREREQUISITES AND/OR LEVEL - None, Senior have priority, then down.

DESCRIPTION - Fundamentals of coaching will be constructed to improve students knowledge of philosophy, relationships, psychology, logistics, leadership, ethics, principle and character. It does not pertain to any particular sport but will encompass techniques valuable for any sport. Practical application of coaching skills will also be demonstrated through required volunteer/shadow hours. Students will also be responsible for creating a coaching portfolio that will be used for future opportunities. Students will have the opportunity to develop leadership qualities while assessing character and moral situations.

****COURSE TITLE- SPORTS OFFICIATING - (Course # 4708)**

LENGTH AND CREDIT - 1 semester .5 credit

PREREQUISITES AND/OR LEVEL - None, Senior have priority, then down.

DESCRIPTION - This course will focus on students learning the basic principles of officiating. The primary goal of the class is for the students to develop their personal philosophy of officiating, gain knowledge of rules, mechanics, and to gain confidence through practical experience.

MUSIC COURSE DESCRIPTIONS

Band and both choirs are one year in length. One credit per year is earned in band. One-half credit per year is earned for participation in Choir. Other music courses receive ½ credit per semester.

****COURSE TITLE - BAND - (Course # 4801)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - Written permission to enroll in band must be granted by the high school director for those students not in band the previous year.

High school band is a special organization composed of woodwind, brass, and percussion instruments in such proportion as to ensure a well-balanced instrumentation. All band students who, according to their previous director, have achieved a reasonable amount of proficiency on their instrument may participate in this group.

DESCRIPTION - Membership in the band provides valuable and extensive experience in the development of musicianship, group participation, public performance, personal growth and discipline.

Required activities of the band are:

Marching Band - Fall and late spring. The band marches at parades both local and out-of-town. Marching activities include home football game performances, playoff games, Memorial Day, and Canoe Festival.

Pep Band - Winter sports events.

Concert Band - Members are **required** to be in the following concerts:

- | | |
|--------------------|----------------------------------|
| 1. Holiday Concert | 4. Large Group Festival |
| 2. Winter Concert | 5. Graduation Related Activities |
| 3. Spring Concert | 6. Veterans Day |
| 7. Cabaret | 8. Memorial Day |

Grades will be based on attendance, attitude, ability, performance, and overall observation by the director. **All students are required to have 4 private lessons per quarter.**

Elective activities of the Band are:

Jazz Ensemble - This select group will participate in concerts as well as a jazz band festival.

Solo/Ensemble Festival - This festival is voluntarily open to all band students who wish to expand their proficiency through solos and small groups.

Festivals - Students will have the opportunity to take part in 1 or 2 major college sponsored festivals and the conference honors band.

****COURSE TITLE - CHOIR - (Course # 4812/4813)**

LENGTH AND CREDIT - 1 Year, 1 Credit

PREREQUISITES AND/OR LEVEL - This group is open to all students who have the desire to sing. The ability to read music is important. Performance techniques stressed are: Tone quality, blend, phrasing, breathing, diction, expression, and balance.

DESCRIPTION - The group offers an opportunity to sing a wide range of choral literature from "classical to popular". Music will range from intermediate to advanced and from either accompanied or unaccompanied. **All students are required to have 4 private lessons per quarter.**

Concert Choir - Members are **required** to be in the following concerts:

- | | |
|-------------------------|----------------------------------|
| 1. Holiday Concert | 4. Graduation Related Activities |
| 2. Spring Concert | 5. Cabaret |
| 3. Large Group Festival | 6. Veterans' Day |

Other Vocal Music Activities For Concert Choir Members:

Solo/Ensemble Festival - This festival is voluntarily open to all choir students who wish to expand their proficiency through solos and small groups.

Festivals - Students will have the opportunity to take part in 1 or 2 major college sponsored festivals and the conference honors choir.

****COURSE TITLE - BEGINNING MUSIC THEORY - (Course # 4822)**

LENGTH AND CREDIT - 1/2Year, .5 Credit

PREREQUISITES AND/OR LEVEL - None.

DESCRIPTION - In this semester-long course, High School students will learn how to read, write, analyze, and perform music in preparation for music theory courses after high school. Music theory is a class designed for the advanced musician to more thoroughly understand the components of music and music composition. This class will enable the student to successfully complete basic college theory classes. It is preferred that students can already read music and have been a member of one of our music ensembles before taking this course, but it is not required.

****COURSE TITLE - ADVANCED MUSIC THEORY - (Course # 4823) <--need to change the #**

LENGTH AND CREDIT - 1/2Year, .5 Credit

PREREQUISITES AND/OR LEVEL - Beginning Music Theory

DESCRIPTION - In this semester-long course, high school students will be able to compose and arrange music and understand the guidelines used in music composed by others. Students will also learn how to transpose instruments and arrange/compose instrumental arrangements. You have to have completed beginning music theory to take this course.

INDEPENDENT STUDY

****COURSE TITLE - INDEPENDENT STUDY (BY DEPARTMENT)**

LENGTH AND CREDIT - 1 Semester, 1/2 Credit

PREREQUISITES AND/OR LEVEL - Junior or Senior standing plus properly completed contract submitted and approved in writing by the Principal before signing up for a course.

DESCRIPTION - This option is designed as an individual study possibility for a student who wishes to pursue a specific class, project, problem or topic not offered or previously studied.

BASIC REQUIREMENTS - Interested students will "contract" for an independent study option with an instructor in the chosen department. This contract will specify the title of the independent study, the rationale for the study, specific activities will be outlined, timelines will be established, district costs, outcome and evaluation procedures will be set. Individual staff members can also recommend students for study and prepare a proposal on behalf of the student. Final approval for enrollment is determined with written approval by the Principal. Any cost not included in an approved proposal shall be the responsibility of the student.

Since credit is being sought, a student who receives approval for an independent study option bears the responsibility to keep the following people current on the status of the proposal and the progress of the project. These people include: High School Principal, High School Counselor, Involved staff.

SCHOOL TO WORK

LENGTH AND CREDIT – 1 and 2 Semesters, .5 – 1 credit/semester

PREREQUISITES AND/OR LEVEL – Senior Standing. Applications and Career Plan must be submitted and approved by the principal and an appropriate, approved work site must be available.

DESCRIPTION - This school to work program is designed to provide work experience in areas, which relate to the student's career plans. Individuals are released from part of the school day and credit corresponds to the amount of time released. Pay is determined by the employer, and must comply with minimum wage laws.

BASIC REQUIREMENTS - Transportation to and from the work site is the student's responsibility. Students cannot work on days they are absent from school. Arrangement needs to be made with employers regarding school vacation periods, early release days, and other special situations. State skills and specific skills related to the job must be demonstrated by the student and checked off by the employer.

Interested students may get details from program coordinator, Mr. Doyle

APPRENTICESHIP OPPORTUNITIES

YOUTH APPRENTICESHIP

LENGTH AND CREDIT – 1 OR 2 YEARS, CREDIT: 3 CREDITS/YEAR

PREREQUISITES AND/OR LEVEL – MUST MEET the REQUIREMENTS OF THE STATE.

Some of the most promising careers of the future are in technical fields. Youth Apprenticeships are opportunities for juniors and seniors to start preparing for a career while still in high school. One and two year programs combine academic education, occupational instruction, and work-based learning from an employer. These programs achieve two important goals:

1. They help students acquire the skills needed for the jobs of tomorrow.
2. They help industry develop a highly skilled workforce in order to remain competitive in the world markets.

Interested students should:

1. Be on schedule toward fulfilling the graduation requirements of DHS.
2. Display a genuine interest in the field as a possible career.
3. Do a Job Shadow in the selected industry.
4. be accepted by a participating employer following an interview.

As a Youth Apprentice, you will be away from the school setting. This program does not follow a traditional schedule. Applicants need to be comfortable making changes. This is a non-traditional educational experience. While every effort is made to allow you to participate in extracurricular activities, this program may or may not allow it. Parental support is very important. The experience requires personal transportation. A strong commitment should be shared by the student and parents. Participating students receive many benefits which include high school credit, a competency certificate, and advanced standing credit in a related degree program at a Wisconsin Technical College. The student gets training and hands-on experience while earning at least minimum wage. Sometimes there is potential for summer employment as well.

FOR MORE INFORMATION AND DETAILS- See Mr. Doyle

Current apprenticeships which may be available through Cesa #3 include:

- ✓ Drafting and Design
- ✓ Lodging Management
- ✓ Health Services *
- ✓ Manufacturing and Machining (?)
- ✓ Tourism *
- ✓ Agriculture Apprenticeship *
- ✓ Automotive Technician *
- ✓ Auto Collision *
- ✓ Financial Services *
- ✓ Logistics *
- ✓ Information Technology *
- ✓ Production Agriculture
- ✓ Graphic Arts/Printing (?)
- ✓ Welding *


* Available as a 1 or 2 year program.

EDMENTUM ONLINE OFFERINGS

LENGTH AND CREDIT - VARIES WITH CLASS OFFERING

PREREQUISITES AND LEVEL - CLASSES ARE OPEN TO STUDENTS LOOKING TO EXPAND BEYOND OUR CURRENT COURSE OFFERINGS. STUDENTS ARE STILL REQUIRED TO TAKE OUR COURSES BEFORE TAKING EDMENTUM AS AN ENRICHMENT OPTION. EDMENTUM MAY ALSO BE USED FOR CREDIT RECOVERY. THE PRINCIPAL HAS THE FINAL SAY ON WHETHER OR NOT A STUDENT IS ELIGIBLE TO TAKE EDMENTUM COURSES.

Students interested in Edmentum courses should make their interest known at the time of course registration for the following year. **IMPORTANT!** Edmentum courses require students to be able to work on their own and in a different type of learning atmosphere. It does take a responsible, mature student, who is sincere about the course being taken. Grades received in Edmentum courses will be added to the student's transcript.

 Edmentum Course Cat..pdf

If a student wishes to enroll in the Wisconsin Start College Now program, CollEdge Up, or the Early College Credit program, please see a counselor or the high school principal

START COLLEGE NOW PROGRAM

Start College Now allows Wisconsin public high school juniors and seniors in good academic standing to attend a Wisconsin technical college during the regular academic school year for the purpose of taking one or more courses that are not comparable to courses offered at their high school. This program allows for any general education or program-related course as long as pre-requisite requirements are met and there is availability in the course to enroll. Students may enroll full-time in a program if their high school schedule allows and if there is space available in the program after regular program students register.

- Requires a student application to be made to the Board of Education by March 1, for the next fall semester and October 1, for the next spring semester.

[Click here for more info on Start College Now!](#)

[START COLLEGE NOW APPLICATION](#)

COLLEDGE UP

CollEdge Up is an educational partnership between CESA 3 and Southwest Wisconsin Technical College. The program allows students to simultaneously earn high school and college credits through a combination of alternative learning platforms. The courses are college level and taught by Southwest Tech faculty members.

- Requires a student application to be made to the Board of Education by March 1, for the next fall semester and October 1, for the next spring semester.

[Click here for more info on CollEdge Up!](#)

[COLLEDGE UP FLYER](#)

[COLLEDGE UP APPLICATION](#)

EARLY COLLEGE CREDIT PROGRAM

ECCP is an opportunity to earn college credits at UW system 4-year universities as well as private colleges and universities while still in high school. Click below for more detailed information. This program does not apply to technical colleges.

- Requires a student application to be made to the Board of Education by March 1, for the next fall semester and October 1, for the next spring semester.

[Click here for more info on ECCP!](#)

[ECCP APPLICATION](#)