Hampton - Dumont High School

Course Book

It is the policy of the Hampton-Dumont Community School Districts not to discriminate on the basis of race, color, national origin, sex, disability, religion, creed, age (for employment), marital status (for programs), sexual orientation, gender identity and socioeconomic status (for programs) in its educational programs and its employment practices. There is a grievance procedure for processing complaints of discrimination. If you have questions or a grievance related to this policy please contact the district's Equity Coordinator, Jen Koenen, Curriculum Director, H-D: 601 12th Ave. NE, Hampton, Iowa, 50441, (641) 456-2175, jkoenen@hdcsd.org.

Es la póliza del Distrito Escolar Comunitario de Hampton-Dumont de no discriminar basados en la raza, color, nacionalidad original, sexo, discapacidad, religión, credo, edad (para el empleo), estado civil (para programas), orientación sexual, identidad de género y el nivel socioeconómico (para programas) en sus programas educativos y sus prácticas de empleo. Existe un procedimiento de quejas para procesar las quejas de discriminación. Si usted tiene preguntas o una queja relacionada con esta póliza, por favor comuníquese con el Coordinador de Equidad del distrito, Jen Koenen, Directora de Curriculum, H-D: 601 12th Ave. NE, Hampton, Iowa, (641) 456-2175, jkoenen@hdcsd.org.

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Hampton-Dumont High School Diploma Options

Regular Diploma (50 credits)	**Honors Diploma (58 credits)**
30 Core Credits - 8 English - 6 Math - 6 Science - 6 Social Studies - 4 PE 20 Elective credits to be chosen by student **1 must be Personal Finance**	*Students are advised to let high school counselors know of choice by the 2nd quarter of your senior year.* 30 Core Credits (see Regular Diploma) 28 Elective credits chosen by student to include: Additional 4 credits in any core class area (math, science, English, social studies) 6 credits in same world language (4 years / 8 credits are recommended) 6 credits CTE/Fine Arts/PLTW 11 elective credits to be chosen by student **1 must be Personal Finance** 1 elective credit as senior portfolio 6 credits must be college-level or AP GPA 3.5 or higher at graduation
Job Shadow (required)	Job Shadow (required)
Service Hours (optional)	Service Hours (optional)
Senior Portfolio/Presentation (optional)	Senior Portfolio/Presentation (required)

SILVER CORD HOURS (SERVICE HOURS): (Effective as of Class of 2020)

Any diploma could be designated "distinguished volunteer service" to recognize/acknowledge a set number of volunteer service hours provided to a non-profit organization. Silver Cord hours must be for providing a service or meeting a clear need for an agency, church, school, park, charity program or fundraiser, or community event.

GRADUATION / TRANSCRIPTS

#Honors cord -- meet honors diploma requirements (will also receive a summa or magna cum laude cord)

Regular Diploma and Honors Diploma - marked in program **(AND ON TRANSCRIPT)** with asterisk

***Summa Cum Laude cord 3.9-4.0

**Magna Cum Laude cord 3.5-3.89

*Cum Laude cord 3.0-3.49

Hampton-Dumont High School Graduation Requirements

4 Years (8 semesters) English

- English I (9th grade full year)
- English II (10th grade full year)
- English III (11th grade full year)
- English IV or Composition I/II (12th grade full year)

3 Years (6 semesters) Social Studies

- World Geography (9th Prerequisite: grade full year)
- American History or AP US History (full year)
- American Government / Economics (one semester each)

3 Years (6 Semesters) Math

- Algebra I (Students earning high school credit for Algebra I during 8th grade MUST take an additional 3 years of math at the high school)
- Geometry
- Algebra II

3 Years (6 - 8 Semesters) Science

- Freshmen Science (9th grade)
- Biology (10th grade full year)
- Physical Science (11th grade full year) OR full year each of Chemistry and Physics

(*NOTE: Most four-year colleges will need a full year of either Chemistry or Physics for admission in addition to the above courses*.)

4 Credits PE (taken each semester for .5 credit)

20 Elective Credits (one semester each)
Students MUST take one credit of Personal Finance beginning with the 2020-2021 school year.
Elective Courses include: band, vocal, foreign language, etc.

NOTE: These requirements may not meet admission requirements to all four-year colleges as some schools have foreign language, technology and fine arts requirements. Please check the admission standards to the colleges you are interested in attending.

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AGRICULTURE COURSES

Ag courses are year-long courses unless otherwise noted. All FFA students must be enrolled in an Ag course.

Agriculture I: Introduction to Agriculture, Food, and Natural Resources (AFNR)
Course Description: This course will help students experience agriculture through exciting "hands-on" activities, projects, and problems. Student experiences will involve the study of communication, the science of agriculture, plants, animals, natural resources, and agricultural mechanics. While surveying the opportunities available in agriculture and natural resources, students will learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning.
This course includes: Agricultural Education – Agriculture, FFA, and SAE; Communication Methods, Science Processes, Natural Resources, Plants and Animals, Agricultural Mechanics

Agriculture II: Principles of Agriculture Science - Animal / Plant
Prerequisite: Ag I
Course Description: This course is structured to enable all students to have a variety of experiences that will provide an overview of the field of agricultural science with a foundation in animal and plant science so that students may continue through a sequence of courses through high school. Animal Science: Students will explore hands-on projects and activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists, such as veterinarians, zoologists, livestock producers, or industry personnel face in their respective careers. Plant Science: Students will work in teams, exploring hands-on projects and activities, to learn the characteristics of plant science and work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers and producers, and plant research specialists face in their respective careers.

Agricultural III: Entrepreneurship
Prerequisite: Agriculture I and Agriculture II
Course Description: We will use our greenhouse to learn the knowledge & skills of planning, developing, and managing a business and all the value-added items you can possibly include in a business. Students will be engaged in learning many different practices and procedures in the horticulture industry. An overview of horticulture and plant science concepts will begin the course, followed by hands-on activities which include harvesting school garden produce, seed germination, taking cuttings and propagating them, and transplanting them. Spring semester will involve marketing and selling plants for customers as well as planting and maintaining school garden plots. Nursery management principles will be discussed along with the choice of horticulture careers in the business world today. Students will have the opportunity to learn how to manage a greenhouse. Students will be introduced to how science is integrated into agriculture through labs and other activities from the CASE curriculum.

Agricultural Business Foundations (ABF)
Course Length: One Semester
Prerequisite: Ag I
Course Description: Agricultural Business Foundations incorporates business mathematics, reading and writing components woven into the context of agriculture. The course is designed for students to experience an overview of agricultural business management.

Agricultural Leadership
Prerequisite: Only grade 12
Course Description: Agriculture Leadership is an upper level class that allows students to get exposure to individuals within the Ag Industry. It also gives students college/career readiness skills. Whether it's looking at the philosophy of Temple Grandin's work, or learning to tie a tie, we will cover it all!

Ag Metal Fabrications
Course Length: One Semester
Prerequisite: grade 10, 11, 12
Course Description: This is an Introduction to SMAW (Shielded Metal Arc Welding) and Oxy-Acetylene welding. Topics include: lab safety, metal cutting, weld types, welding equipment, consumables. The students will spend a considerable amount of time learning to weld in a hands-on environment.

Agricultural Power & Technology
Course Length: One Semester
Prerequisite: Ag I & II recommended
Course Description: Throughout the course, students apply technical skills while becoming competent in the process used to operate, repair, engineer, and design agricultural tools and equipment. Areas of study include: Shop Safety, Tool Operation, Material Selection and Use, Energy & Power, Machines, Machinery Management, Technology Application, Engineering, Fabrication.

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~~**Animal Science** (NIACC) not offered 20-21~~
~~Course Length: One Semester (FALL)~~
~~Prerequisite: grade 11, 12~~
~~Course Description: Areas of study include: Issues in Animal Agriculture, Production, Processing and consumption of meat and meat products, livestock evaluation, animal reproduction- anatomy, physiology, hormones, technology, animal genetics principles of breeding, animal nutrition and animal health and disease. (3 NIACC credit hours)~~

~~**Principles of Agronomy** (NIACC) - Not offered 20-21~~
~~Course Length: One Semester (SPRING)~~
~~Prerequisite: grade 11, 12~~
~~Course Description: Areas of study include parts and functions of seeds, leaf structure, root systems, weeds and weed ID, insects and pests in crops, pesticides, herbicides, and application and safety practices. (3 NIACC credit hours)~~

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ART COURSES

Art courses are semester-long, elective courses unless otherwise noted.

Basic Design I
Prerequisite: None
Course Description: This course is the foundation for students considering careers in architecture, interior design, industrial design, graphic design, fashion design, fine arts, animation, and other fields related to the arts. It is a basic foundation course focusing on the elements of design, aesthetic awareness, and problem-solving in drawing, painting, sculpture, and ceramics. The course studies the basic design fundamentals necessary for any further experience in art.

Basic Design II
Prerequisite: Successful Completion of Basic Design I
Course Description: This course is the foundation for students considering careers in architecture, interior design, industrial design, graphic design, fashion design, fine arts, animation and other fields related to the arts. It is a basic foundation course focusing on the principles of design, aesthetic awareness, and problem-solving in drawing, painting, sculpture, and ceramics.

Adapted Art
Course Length: Full Year
Prerequisite: Teacher Recommendation
Course Description: This course is an Art Therapy course for special needs students. This basic foundation course focuses on fundamental drawing, painting, sculpture, and Ceramics. Developing basic skills for lifelong learning.

Art Revolution (coming soon - not 20-21)
Prerequisite: grade
Course Description:

Drawing
Prerequisite: Successful Completion of Basic Design I and II
Course Description: Develops integral skills for artistic expression. Emphasis will be placed on developing skills necessary for free-hand sketching, rendering, and creative expression. Students will develop skills to creatively and critically solve design problems while communicating personal expressions in each artwork they create. A variety of drawing techniques and multimedia will be explored.

Painting
Prerequisite: Successful Completion of Basic Design I and II
Course Description: Develops integral skills for artistic expression. Emphasis will be placed on developing skills necessary for free-hand sketching, rendering, and creative expression. Students will develop skills to creatively and critically solve design problems while communicating personal expressions in each artwork they create. A variety of painting techniques and multimedia will be explored.

3-D Studio
Prerequisite: Successful Completion of Basic Design I and II
Course Description: This course is designed to develop skills of three-dimensional problem solving and allows students to work with a variety of media. Areas to be explored may include clay, sculpture, assemblage, and mixed-media constructions.

Clay Creations
Prerequisite: Successful completion of 3-D Studio
Course Description: This course is designed to explore various techniques in ceramics including: coils, slab, wheel, free form, functional, and non-functional clay formations.

Digital Imaging (Formerly known as Digital Imaging - Photography)
Prerequisite: Successful Completion of Basic Design I and II
Course Description: In this course, students' art skills are enhanced through the use of technology to create personally expressive original artworks. Software applications studied and used include Adobe Photoshop and Illustrator.

Graphic Design (Formerly known as Digital Imaging II)
Prerequisite: Successful Completion of Digital Imaging grade 10, 11, 12
Course Description: Students will work with the design fundamentals used in the fields of advertising, new media, graphic design, and illustration. Skills in designing and combining text and images will be studied along with their impact on the viewer. We will

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explore a range of design techniques using various media and software programs and study the design work of contemporary and historical designers. Possible projects include Poster Design, Business Logos and Design, Album Art, Book Covers, and etc. Students will maintain a digital portfolio of their work.

Art Portfolio
Prerequisite: Successful completion of SIX credits of Art
Course Description: This course is designed to give serious art students the opportunity to choose their own project ideas. This course should only be taken by students who demonstrate responsibility in developing their own project ideas, getting approval for assignments, and meeting deadlines. Students will work on creating a career-ready portfolio.

~~**Jewelry I (Not 20-21)**~~
~~Prerequisite: Successful Completion of Basic Design grade 10, 11, 12~~
~~Course Description: Jewelry explores the design and manipulation of different materials. We cover basic sewing, soldering, finishing, and casting techniques. Creative and critical problem solving is practiced. Students produce original jewelry designs and small 3-D art. Because of inherent safety issues, students are required to pass a written test and a techniques class in order to continue in the class. There may be minimal COST incurred for some metals, stones, or special things ordered by the student. Those who excel are encouraged to take Jewelry II.~~

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BUSINESS COURSES

All Business Courses are electives and are semester-long unless otherwise noted.

Intro to Business
Prerequisite: None
Course Description: Interested in business? Ever wonder how a business functions? If you have ever had any interest in looking at how a business works or how it is run then Intro to Business is the class for you. In Intro to Business, we look at everything from small businesses to global corporations, trademarks to copyrights, and marketing to finance. This course is designed for students who do not have previous knowledge in the business world. Every student should take a few business courses because in every aspect of life you will use this knowledge base. Even if you are not running your own business, at one point in your life you will be working in one. So come and take Intro to Business and let us learn how the world functions through commerce.

Accounting - Cross listed in Math
Prerequisite: grade 10, 11, 12
Course Description: Students are taught the principles of recording business transactions and analyzing business records. Included will be such things as checking accounts, savings, taxes and payroll. Workbooks, computers and practice business packets will be included in the course.

Business Communications
Prerequisite: grade 10, 11, or 12
Course Description: How do I write an email to my boss? How come rejection letters are written differently than acceptance letters? Why is social media so important in a business? Business Communications is a course that will answer these questions and go deeper into learning how the business world communicates. We will discuss topics such as social media, memos and letters, and email. We talk about what is appropriate forms of communication in the workplace and how you should respond to the people you work with. If you plan on running your own business, working in a business, or having a job then you should take business communications and learn how to properly communicate within the business world.

Business Law & Ethics
Prerequisite: Intro to Business and grade 10, 11, 12
Course Description: What is the Bill of Rights? How about due process of law? How can I settle a dispute without having to go to court? All of these questions and many more can be answered in Business Law. In Business Law, we try and help students better understand their rights and responsibilities in society. This course is designed to be discussion-based. We do not have a lot of homework and projects, but we have discussions about right and wrong and why the laws read the way they do. We will also learn how laws are created and where our law system came from. So we can maybe start to understand why in Alaska it is against the law to stare at a moose from an airplane. If you are looking for a class to help you understand your rights or are looking for a class where we can discuss openly about society then Business Law might be the one for you.

Career and Technical Education (CTE) Work Experience
Course Length: One semester, can be taken for a full year
Prerequisite: grade 12 and 3 courses in any one career-technical education area
Course Description: Students can participate in a work internship program their senior year for two periods of the day (tentatively the last two periods). This will be an unpaid internship. Students can get paid for time after 4:00 pm. Students must be “completers” in a career & technical area (completing three courses in one CTE area prior to the internship). The internship will include a component of writing a resume and cover letter. Students will also keep a journal of their internship, and possibly do a separate final project.

Human Relations (NIACC)
Prerequisite: grade 11, 12
Course Description: Students learn how to get along with each other by understanding interpersonal skills at home and in business. Human Relations looks at what can be done to anticipate problems, resolve them, or prevent them from happening. This course is a requirement for college business majors. Students will earn 3 NIACC college credits.

Intro to Entrepreneurship (NIACC)
Prerequisite: Intro to Business and grade 11, 12
Course Description: This course will examine how to do a marketing plan and the free enterprise system. The characteristics to be a good entrepreneur will also be discussed. An extensive amount of time will be spent on creating a business plan that is presented to potential investors. Students will earn 3 NIACC college credits.

Multimedia Productions - Cross listed in Information Technology
Prerequisite: grade 10, 11, 12 and may be taken more than once

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Course Description: Fun and exciting video production class where you can be as creative as you want. In this course we learn how to create a webpage, make a commercial, and use special effects such as a green screen. We not only create videos and web pages, we also incorporate working in a real business setting. The class will work in groups and create commercials for local businesses in the community. They will work hand in hand with owners and marketing specialists on each project. Multimedia is designed to be project-based learning where we do everything hands-on. A new component to Multimedia Productions is the addition of Hyperstream. Hyperstream is a STEM project where we use the skills we have learned to create a lego robot, a marketing campaign, or a new app. If you are looking to be creative and have some freedom in the projects you are creating then check out Multimedia productions.

Personal Finance
Prerequisite: grade 12 ONLY - Graduation Elective Requirement
Course Description: Personal Finance is a hands-on, interactive class that explores financial literacy for young adults to prepare them to be ready for the real world. Topics covered are budgets, college, careers, loans, insurance, debt, taxes, and investing.

Sports & Entertainment Marketing
Prerequisite: grade 10, 11, 12
Course Description: Ever wonder how famous athletes sign million dollar shoe endorsements? How about how the Jordan brand became global? Or how Nike came up with the Nike Swoosh as their logo? In sports and entertainment marketing we discuss all of these types of ideas. We also extend it into the world of entertainment and talk about how to market products and yourself. If you are interested in sports or entertainment and want to dive into the inner workings of how they operate to generate revenue then this is the course for you.

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ENGLISH COURSES

English I
Graduation Requirement grade 9
Course Description: English I is a survey class designed to strengthen basic English skills. Reading and writing skills are developed throughout the year. Areas of study include a short story unit, *Romeo and Juliet*, a novel unit, a research paper unit, a performing arts unit, and critical thinking, argument development, and a mystery unit. This course is required of all freshmen.

English II
Graduation Requirement grade 10
Course Description: English II incorporates reading, writing, speaking, and listening skills. Units of study will include independent reading, whole-class novel studies, and small group book studies. Students will develop their composition skills by producing writing in the genres of narrative, informative, and argument. This course is required for all sophomores.

English III
Graduation Requirement grade 11
Course Description: English III builds on the skills learned in English II and incorporates reading, writing, speaking, and listening skills. Units of study will include independent reading, whole-class novel studies, and small group book studies. Students will develop their composition skills by producing writing in the genres of narrative, informative, and argument. This course is required for all juniors.

English IV
Graduation Requirement grade 12
Course Description: English IV continues to build on the skills practiced in English III. Units of study will include short stories, classic literature, nonfiction novels, writing based on argument and research, poetry, and public speaking. This course is required for all seniors who are not enrolled in Composition I/II.

Composition I/ II (NIACC) English Elective (can be used to meet English IV requirement)
Prerequisite: grade 12 and Score of 16 on ACT English Test or approval based on NIACC writing assessment
Course Description: Composition I/II are each one-semester courses taught in conjunction with the NIACC concurrent enrollment program. Students are required to earn 74% or better in Comp I to enroll in Comp II. Composition is devoted to writing in the genres of narrative, informative, argument and research. Much of the course's curriculum comes from two core textbooks: *The Brief Bedford Reader* and *The Structure of Argument*.

American Literature
Prerequisite: English II and grade 11, 12
Course Description: American Literature is an elective course designed to acquaint students with the general evolution of America's literary heritage, beginning with the early 1600s and finishing in the 20th century. Emphasis will be given to the following authors: Arthur Miller, Edgar Allan Poe, Henry David Thoreau, Ernest Hemingway, Thorton Wilder, and others. Short stories, plays, and novels will be read and discussed. A love for reading and a willingness to discuss are crucial components of this course.

Creative Writing
Prerequisite: grade 10, 11, 12
Course Description: Creative Writing is designed for students who are interested in exploring writing. Students will create original forms of narrative, descriptive writing, poetry, drama, and fiction. Students will be expected to share their writing with their peers using the writing process to refine their work. May be repeated.

Novels and Film NEW Course
Course Length: One Semester
Prerequisite: Grades: 9, 10, 11, 12
Course Description: In this elective students analyze stories in different mediums, including but not limited to print (novels) and film. Students read 4-6 novels, focusing on characterization, development and progression of plot, and authors' choices and style. Students analyze cinematic techniques and the effect they have on the overall story. Students write about their findings in essays, and creative formats as well as discussion boards.

Publications - cross-listed in Information Technology
Prerequisite: grade 10, 11, 12

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Course Description: Publications is a class that can be repeated. The two major objectives of Publications are to help students develop skills in journalism (writing, photography, and the use of Photoshop and InDesign CS2) and use those skills to produce the weekly student newspaper, The Bulldog's Bark, and the yearbook. The most important requirements for success in Publications are ambition, curiosity, and the ability to make productive use of time.

World Literature
Prerequisite: grade 11, 12 and Successful completion of English II
Course Description: World Literature is an elective class for college-bound students who have a serious interest in reading, discussing, and writing about literature. It is a survey course that focuses on literature from around the world. Major units include: *Beowulf*, Shakespeare's *Macbeth*, *The Canterbury Tales*, the King Arthur legend, *A Tale of Two Cities, One Day in the Life of Ivan Denisovich*, and others.

ELA Skills
Prerequisite: grade 9 and 10 by invitation only
Course Description: This course is aligned to the 9-10 reading standards to address students who need additional support in vocabulary, fluency, and reading comprehension. Students will develop these skills in both fiction and non-fiction texts. Completion of this course will help students be successful in meeting the literacy standards in all course offerings at Hampton-Dumont.

Life Skills Reading I/ II
Course Length: One Semester (can be repeated)
Prerequisite: Instructor placement Only grade 9, 10, 11, 12
Course Description: This course is based on IEP goals and student needs. Must have an IEP to take this course. Credit will be awarded as elective credit unless IEP states differently.

Sheltered English
Prerequisite: English Language Learners in grades 9, 10, 11, 12. Based on scores on ELPA test
Course Description:

English Language Development I / II / III / IV
Course Length: One Year
Prerequisite: grade 9, 10, 11, 12 and score on ELPA test
Course Description: Students identified as EL, but not Long-Term EL, will be placed in an English Language Development (ELD) class appropriate to their current proficiency level in the English language. In ELD, students work toward academic language proficiency in the domains of reading, writing, listening, and speaking.

Academic Language Development
Course Length: One Year
Prerequisite: grade 9, 10, 11, 12
Course Description: Students identified as Long-Term English Learners (LTEL) will be placed in Academic Language Development (ALD). These are English Learners who have lived most or all of their lives in the United States, are verbally bilingual, and have spent six or more years receiving EL services. Students in ALD have unique needs that aren't specifically targeted in a traditional ELD class. The ALD curriculum focuses on academic writing and academic discussion.

~~**Advanced Placement English Literature & Composition currently not offered**~~
~~Course Length: One Year~~
~~Prerequisite: grade 11, 12, and completion of English I and II, with no lower than a B in the previous semester of English~~
~~Course Description: AP Literature is a college preparatory course designed similarly to an introductory level college literature course. This course will focus on the close study of representative works of literature from a variety of genres, periods, and cultures. Students will be responsible for deeply reading literary texts independently and in both small groups (book groups) and whole-class settings. Leading literary theories will also be introduced and used as another tool to further our understanding of both the texts we read and the world in which we read them. Literature analysis will make up a majority of the writing in this class, which will consist of reading logs, timed in-class writings, and other formal and informal writings designed to prepare you for the AP Literature & Composition Exam. The Exam is optional, but with a high score, you could earn college credit.~~

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FAMILY & CONSUMER SCIENCE COURSES

All courses are one semester electives unless otherwise noted.

Adulting 101 NEW COURSE
Prerequisite: grades 11 and 12
Course Description: This course will focus on living on your own and the real-life things that everyone needs to know, but often do not. It will cover a wide variety of topics including, but not limited to car maintenance (can you change a flat tire), meal planning and shopping, laundry, sewing, house cleaning, being a good roommate, home decorating, home repair and maintenance, and being a good neighbor.

Foods I - Baking and Pastry
Prerequisite: grade 9, 10, 11, 12
Course Description: Students can expect to learn the basics of kitchen principles, cooking methods and preparation skills. Fall semester we study units: food safety and sanitation, vegetables, baking: quick breads, muffins, biscuits, cakes, pies, cookies, eggs, and a special holiday unit. Nutrition and low-fat healthy cooking are also covered by a variety of techniques. Measuring and following recipe directions are emphasized. Students learn these things through lab experience, lectures, quizzes, and tests.

Adapted Foods
Prerequisite: grade 9, 10, 11, 12
Course Description: This course provides special needs students with the opportunity to reinforce independent living, personal/social skills and career education skills. Students will participate in cooking and baking activities, adapted living as well as greenhouse & gardening skills. This program includes the teaching of skills that can be transferred to the home and workplace. Students will have an opportunity to develop good work skills, attitudes and behaviors with special focus on following directions, attention to tasks at hand and the ability to cooperate with co-workers.

Bulldog Café I/II/III
Prerequisite: Foods I - Baking and Pastry and grade 10, 11, 12
Course Description: Introduction to the professional kitchen through a restaurant simulation. Emphasis on classical cooking and current cooking techniques. Study of equipment, ingredients and basic cooking methods of the modern professional kitchen. Monday is spent planning the menus and market orders as well as evaluating the café of last week. Tuesday, Wednesday and Thursday we prepare for the Friday café experience. Students experience all roles in the culinary industry…from cashier to entrée prep to wait staff and clean staff. Students also experience guest speakers and field trips in the culinary industry. The course can be repeated multiple semesters with the corresponding level of coursework.

Child Development I
Prerequisite: grade 9, 10, 11, 12
Course Description: This course provides an overview of the theory and principles of human growth and development. Discover why we need to study children and the importance of physical, cognitive, social and emotional development from conception through the newborn stage. Content includes an in-depth study of the interrelatedness of development as it relates to family, gender, culture, language, ability, socioeconomics, diversity, and society. Special emphasis will be on the theories of Piaget, Vygotsky, Erikson, and Skinner. A class requirement is to take the Real Care Baby home for a weekend and to do a report about your experience. Along with other class work & assignments

Child Development II
Prerequisite: grade 9, 10, 11, 12
Course Description: This course provides an overview of the theory and principles of human growth and development from newborn through 3 years old. Content includes an in-depth study of the interrelatedness of physical, cognitive, social and emotional aspects of development. Development is studied in the context of family, gender, culture, language, ability, socioeconomics, diversity, and society. Two field observations are required during class time, with other observations & interactions to occur during class time. Along with other class work & assignments.

Foods II - Methods of Cooking
Prerequisite: grade 9, 10, 11, 12
Course Description: Students learn the basics of kitchen principles, cooking methods and preparation skills. Study units: poultry, beef and other meats, dairy (milk and cheese), soups, salads, fruits, fish and shellfish, and other grain products. Nutrition and low-fat healthy cooking is also covered by a variety of techniques. Students learn these things through lab experience, lectures, quizzes, and tests.

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PRO-START I / II
Course Length: One Year
Prerequisite: grade 10, 11, 12 and FOODS I and FOODS II (Must be a strong student with good attendance. Must be interested in MANAGEMENT (If you can't manage yourself, you probably can't manage others.)
Course Description: *ProStart* is an exciting advanced culinary/management class for the motivated student who enjoys food and would be a strong candidate for managing other people. Students learn advanced skills in the art of cooking and management. Transfer these skills to any career in management. Bulldog Cafe is an option, but not required. Two-year completion of ProStart will be articulated for 11 credits with The Iowa Culinary Institute (at Des Moines Area Community College). The student will have direct acceptance into this program, if they desire. Students must have good attendance at school and have strong academic skills.

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FOREIGN LANGUAGE COURSES

Spanish courses are full-year courses. Students who are native Spanish speakers in the home may choose to take a placement test prior to the start of the school year to assist in accurate placement in Spanish courses.

Native Speaker Spanish
Prerequisite: grade 9, 10, 11, 12 and Bilingual/Native Speaker
Course Description: ***This course will be offered on an "as needed" basis.***
This course is designed for students who already speak Spanish fluently. Students will explore types of conversation styles in both English and in Spanish. We will compare speaking do's and don'ts in both languages. Students will have the opportunity to share about their Latino culture in a safe, caring environment. Students can also work on improving their reading or writing in Spanish and/or English, as needed. Students will be asked to do a project. Some examples might be: work with La Luz, bring awareness of Latino cultures to others, tutor other students who are learning Spanish, and/or teach Spanish to elementary students.

Spanish I
Prerequisite: grade 9, 10, 11, 12
Course Description: Spanish I is an entry-level foreign language course, open to any student. Students may not enroll in the course mid-year. Students learn the basic fundamentals of speaking and writing in a foreign language. A semester grade of C- is required to continue in the foreign language program.

Spanish II
Prerequisite: grade 10, 11 or 12 and completion of Spanish I with C or higher or score on placement test
Course Description: A course that continues building Spanish communication skills begun in Spanish I. Students will be assessed through writing and speaking. There are a variety of exercises done in groups or with partners to help build skills.

Spanish III
Prerequisite: grade 11 or 12 and completion of Spanish II with C or higher or score on placement test
Course Description: A course designed to build on previous Spanish skills using text, oral projects, culture units, and reading. Assessments are based on writing, reading, and speaking.

Spanish IV
Prerequisite: grade 12 and completion of Spanish III with C or higher or score on placement test
Course Description: A course designed to increase Spanish skills through oral projects, cultural units, reading, and grammar study.

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HEALTH & PHYSICAL EDUCATION COURSES

All physical education courses are semester-long courses. Physical Education courses are mixed grade level courses.

Adapted Physical Education
Course Description: This course provides special needs students with the opportunity to acquire skills and knowledge that will be useful to their life-long physical fitness. Each student works on their personal physical fitness goals according to their Individualized Education Plan.

Circuit Training
Course Description: This class consists of both weightlifting and cardiovascular training. Students weight lift for 25 seconds then jump rope for 25 seconds. The class is constantly active. This class is for students who are self motivated and who want to improve their levels of personal fitness.

Early Bird Walking / Fitness
Course Description: This course meets from 6:35am to 7:05am Tuesday through Thursday. Each day the students will walk approximately 2 miles. This requires walking at a fitness pace. We walk outside until it is 32 degrees. Below 32 degrees we walk inside in the gym.

Health I - Nutrition
Course Description: The emphasis of Health I will be on Nutrition for life with a mini-unit on eating disorders, the importance of physical fitness for life, self-esteem & mental health, managing stress & coping with loss, and preventing violence & abuse.

Health II - Personal Wellness
Course Description: The emphasis of Health II will be on reproduction, pregnancy & development, building responsible relationships, risks of adolescent sexual activity, & HIV/AIDS education. We will also explore the effects of alcohol, tobacco/vaping, & illegal drug use on the body & health of an individual.

Team Sports
Course Description: Emphasis will be on skill and coordination development, along with team work skills, through team sports relating to the overall wellness of the student. Class is designed for the student to be physically active, raise his or her heart rate, and enhance cardiovascular endurance. The course is co-educational and meets every other day.. Some sports that we will be playing may include: volleyball, flag and ultimate football, floor hockey, kickball, basketball activities, dodgeball, pickleball, badminton, team handball, ultimate frisbee, and soccer. The goal is to give students the opportunity to acquire a wide variety of skills and knowledge of different activities that will be useful in leading a fitness-type lifestyle. Students are expected to dress appropriately for every physical education class.

Walking / Fitness
Course Description: Every day the students will walk approximately 2 miles. This requires walking at a fitness pace. We walk outside until it is 32 degrees. Below 32 degrees we walk inside in the gym.

Weightlifting
Course Description: This class is for students who want to free-weight lift every P.E. class. The students are provided with a full body workout program that they will complete every day. They will keep a record of the amount of weight they use for each lift.

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INDUSTRIAL TECHNOLOGY COURSES

These courses are one-semester elective courses unless otherwise noted.

Agricultural Metal Fabrications
Prerequisite: grade 10, 11, 12
Course Description: This is an Introduction to SMAW (Shielded Metal Arc Welding) and Oxy-Acetylene welding. Topics include: lab safety, metal cutting, weld types, welding equipment, consumables. The students will spend a considerable amount of time learning to weld in a hands-on environment.

Computer-Aided Drafting - CAD I
Course Length: One Year / Two semesters
Prerequisite: grade 10, 11, 12
Course Description: Students will be introduced to mechanical drawing. Using pencil and drafting instruments the students will learn the basics of drafting. The students will then use these skills to prepare and read types of drawing associated with various industries. After mastering the basics these students will use AutoCAD to prepare various drawings using the skills acquired. Topics will include: coordinate systems, CAD commands, layers, orthographic views, dimensioning, section views, auxiliary views, pictorial drawings, pattern development, machine drawing, mechanical fasteners, welding drawings. Students interested in engineering, construction, architecture, and graphic design will benefit from this course.

Computer-Aided Drafting - CAD II
Course Length: One Year / Two Semesters
Prerequisite: grade 11, 12 and successful completion of CAD I
Course Description: The focus of this class is toward architectural drawings. Topics include: house design, house styles, plot plans, floor plans, footing and foundation plans, roof plans, wall section elevations, kitchen layout, doors and windows. The students will draw two sets of house plans: one with given size and style restraints and the second is using their own creativity and imagination.

Carpentry Fundamentals I (NIACC)
(Double block course) Prerequisite: grade 10, 11, 12
Course Description: General skills instruction covers: basic hand tools, basic power tools, job site safety, print reading, construction materials and systems, construction fasteners and processes, residential construction practices and commercial construction practices.

Carpentry Fundamentals II (NIACC)
(Double block course) Prerequisite: grade 10, 11, 12 and successful completion of Carpentry Fundamentals I
Course Description: General skills instruction covers: basic hand tools, basic power tools, job site safety, print reading, construction materials and systems, construction fasteners and processes, residential construction practices and commercial construction practices.

Fine Carpentry
Prerequisite: Industrial Technology Fundamentals I and II and grade 10, 11, 12
Course Description: Students will explore different construction methods of finishing cabinetry, cabinet components, and construction techniques. This class will also include information relating to safety, wood as a building material, project planning and material estimation. Students will be involved in classroom and lab activities. Lab fees will apply.

Industrial Technology Fundamentals I
Prerequisite: grade 9, 10, 11, 12
Course Description: This course includes introductory units in drafting, manufacturing, and construction. Each unit will involve students in a wide range of learning activities. This will include technical sketching, orthographic projection, pictorial drawings, print reading, general shop safety, equipment safety, project planning, manufacturing processes, welding safety, welding processes, masonry history, masonry materials, masonry tools.

Industrial Technology Fundamentals II
Prerequisite: grade 9, 10, 11, 12 and successful completion of Industrial Technology Fundamentals I
Course Description: The emphasis of this class is on the safe and correct use of hand and power machinery through classroom and hands-on experiences used in the lab setting to produce a project. Topics include: wood as a building material, lab safety, equipment safety, project planning, material estimation, construction techniques, finishing techniques. The student will construct a project.

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Masonry I
Prerequisite: grade 10, 11, 12
Course Description: This class is an introduction to the masonry trade. Topics include: masonry history, safety, masonry tools, materials, material estimation, mixing mortar, spreading mortar, laying brick to the line. We will have guest presenters from BAC #3 (Bricklayers and Allied Crafts Union), The Masonry Institute of Iowa, TCC (SPEC MIX). This is a hands-on class - prepare to get dirty.

Masonry II
Prerequisite: grade 10, 11, 12 and successful completion of Masonry I
Course Description: This class is a continuation of Masonry I. Topics include: masonry layout, laying CMUs to a line, laying leads, laying modular units with a level, cutting masonry units, laying inside corners, bonding, composite walls, manufactured stone, fieldstone. Students will have the opportunity to design and build project walls and as always compete in our own bricklayer 500 and fastest trowel on the block.

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MATH COURSES

Math courses are a full-year in length unless otherwise noted. Students must pass Algebra II before graduation. Students taking Algebra I in grade 8 for high school credit must take at least 3 years of math courses at the high school.

Algebra I
Course Description: Algebra 1 is a two-semester course where students will learn the language of mathematics known as Algebra. Major themes of this course are solving and graphing linear equations and using these equations to represent actual data and situations. Passing Algebra I with a C or higher is required to get into Geometry and Chemistry.

Geometry
Prerequisite: Algebra I
Course Description: In Geometry, students will develop reasoning and problem-solving skills as they study topics such as congruence and similarity, and apply properties to lines, triangles, quadrilaterals, and circles. Students will also develop problem-solving skills by using length, perimeter, area, circumference, surface area, and volume to solve real-world problems.

Algebra II (formerly known as - Advanced Algebra)
Prerequisite: Geometry
Course Description: Algebra II will cover solving for 1,2 and 3 variables, graphing, quadratics, matrices and solving logarithmic functions.

Pre-Calculus (formerly known as Math IV)
Prerequisite: Algebra II with a C or higher
Course Description: Pre-Calculus is a rigorous two-semester course where students will study in-depth many families of functions. First semester focuses on linear, polynomial, rational, and exponential functions. We will use these functions to model real situations and use actual data. In the second semester, we focus on Trigonometric functions. Desmos is used frequently to represent functions visually.

Consumer Math
Prerequisite: grade
Course Description:

Foundations of Geometry
Prerequisite: grade 11, 12 - Teacher recommendation required and completion of Algebra I
Course Description: This is a course designed to help students who may traditionally struggle with math approach it from a more visual angle. In Foundations of Geometry, students will develop reasoning and problem-solving skills as they study topics such as congruence and similarity, and apply properties to lines, triangles, quadrilaterals, and circles. Students will also develop problem-solving skills by using length, perimeter, area, circumference, surface area, and volume to solve real-world problems.

Second Chance Math
Prerequisite: grade 9, 10, and 11 - students invited based on test scores
Course Description: This class is designed to be a hands-on academic course which explores various math concepts. Students in this class are not proficient in math concepts and have been selected for this class to benefit their overall math knowledge. Successful completion of this class should help students be successful in other math classes throughout their high school careers

Tiered Math
Prerequisite: grade 9, 10, 11 - Teacher recommendation required
Course Description: This is a course designed to help students who may traditionally struggle with math approach it from a more visual angle. Number fluency including fractions and decimals is emphasized. Algebra is approached in more of a visual balance approach rather than a more formal one.

Accounting - cross listed in Business
Prerequisite: grade 10, 11, 12
Course Description: Students are taught the principles of recording business transactions and analyzing business records. Included will be such things as checking accounts, savings, taxes and payroll. Workbooks, computers and practice business packets will be included in the course.

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Advanced Placement Calculus
Prerequisite: grade 12 and successful completion of Pre-Calculus (formerly known as Math IV)
Course Description: A.P. Calculus is a rigorous 2-semester class where students will cover material in preparation for the Advanced Placement Calculus test. Major themes of the first semester are finding the derivatives of functions and using theses derivatives for a wide range of applications. The second semester focuses on integration and preparation for the AP exam in May. A graphing calculator is required for this course.

Applied Math A/B - (NIACC)
Course Length: One Semester
Prerequisite: grade 11, 12 and ACCUPLACER Scores in Arithmetic 59, or Elementary Algebra 50, or College Math 21 or ACT math score of at least 16. This course covers essential topics in algebra, including ratio and proportion, as well as unit conversions and order of operations. Other topics include plane and solid geometry and an introduction to trigonometry.
Course Description: This course is a math course for technical career areas. This course covers essential topics in algebra, plane & solid geometry, trigonometry and basic statistics. (2 NIACC Credits)

Applied Math C/D - (NIACC)
Course Length: One Semester
Prerequisite: grade 11, 12 and ACCUPLACER Scores in Arithmetic 59, or Elementary Algebra 50, or College Math 21 or ACT math score of at least 16. This course covers essential topics in algebra, including ratio and proportion, as well as unit conversions and order of operations. Other topics include plane and solid geometry and an introduction to trigonometry.
Course Description: This course is a math course for technical career areas. This course covers essential topics in algebra, plane & solid geometry, trigonometry and basic statistics. (2 NIACC Credits)

College Algebra - (NIACC)
Course Length: One Semester
Prerequisite: grade 12 and ACCUPLACER score above 116 in Elementary Algebra, above 45 in College Math or above 38 ALEKS.
Course Description: This course is intended for students majoring in business, social science, biological sciences, liberal arts, and those mathematical students with insufficient background to begin the study of calculus. The course is a study of the various classes of functions, their graphs, associated equations and inequalities, and applications. These include linear, polynomial, rational, root, inverse, exponential and logarithmic functions. Also studied are systems of equations and inequalities, matrices, sequences and series, and the Binomial Theorem. (4 NIACC Credits)

Personal Finance
Prerequisite: grade 12 ONLY - Graduation Elective Requirement
Course Description: Personal Finance is a hands-on, interactive class that explores financial literacy for young adults to prepare them to be ready for the real world. Topics covered are budgets, college, careers, loans, insurance, debt, taxes, and investing.

Statistics
Course Length: One Semester
Prerequisite: Algebra II and grade 11, 12
Course Description: Topics include making graphs on the computer, using formulas that will solve probability, standard deviation, mean, median and variance. Anyone planning to go to college and has an interest in elementary education, psychology, business or math should take this course.

Trigonometry and Analytic Geometry - (NIACC)
Course Length: One Semester
Prerequisite: grade 12 and a grade of C or higher in College Algebra. ACCUPLACER Scores in above 70 in College Math
Course Description: This course is a preparation course intended for students majoring in engineering, mathematics, physics, chemistry or certain vocational fields. This course is a study of both trigonometric and conic functions, and equations. Both rectangular and polar coordinates systems are studied. (3 NIACC Credits)

Life Skills Math
Course Length: One Semester or Full Year
Prerequisite: grade 9, 10, 11, 12
Course Description: This course is based on IEP goals and student needs. Must have an IEP to take this course. Credit will be awarded as elective credit unless IEP states differently.

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MUSIC COURSES

Adapted Music
Course Length: One Year
Prerequisite: grade 9, 10, 11, 12
Course Description: Adaptive Music is an exploratory music experience for students with special needs. Students will become aware of a variety of musical concepts. Students also will have opportunities to create music through dance and the use of musical instruments.

Chamber Choir
Course Length: One Year
Prerequisite: Must also be in Concert Choir, Auditions required
Course Description: Chamber Choir is an **auditioned** SATB choir of 24 to 30 members, which meets every other day. This choir is dedicated to achieving excellence in the performance of a wide spectrum of choral music. The strength of the Chamber Choir is built on the ability of each member to be an independent singer. This choir emphasizes the importance of teamwork and the development of musical skills. The Chamber Choir performs at all high school concerts, State Show Choir Contest and State Solo/Ensemble Contest. All Chamber Choir students must also be members of the Concert Choir.

Concert Band
Course Length: One Year (May join at semester)
Course Description: Instrumental music is offered for any student at Hampton-Dumont High School. All students in the concert band participate in the marching band during the first quarter of the school year. The concert band gives three major concerts each year. Rehearsals are held daily and emphasis is placed on development of musical and performance skills. Pep band is required and performs at not more than 10 basketball games or wrestling meets during the season. The concert band competes in the IHSMA Solo and Small Ensemble Festival, Drake Festival of Bands, and IHSMA Large Group Festival each year. Solo, ensemble and honor band opportunities are also available for interested students. One lesson per six day cycle is required of all students.

Concert Choir
Course Length: One Year (May join at semester)
Course Description: The Concert Choir is a non-auditioned SATB choir open to 9^{th}-12^{th} graders. Emphasis is placed on developing vocal music skills to achieve excellence in performance of a wide variety of choral music. To achieve this goal, every Concert Choir student is assigned one private or group lesson per cycle. The Concert Choir performs at all high school vocal music concerts, State Large Group Contest, and Graduation. All Concert Choir members are given an opportunity and encouraged to prepare selections for the State Solo/Ensemble Contest. In addition to contests, students in Concert Choir may elect to audition for the All-State Music Festival held annually in Ames. Other festivals open to vocal music students include Dorian Festival, Meistersinger Festival, Real Men Sing, and National Anthem performances. Vocal music students are also encouraged to participate in the musical, which is performed during the fall semester every other year.

Jazz Band
Course Length: One Year
Prerequisite: Must also be enrolled in Concert Band
Course Description: Jazz Band is open to all students. Students wishing to join a jazz band should plan to enroll in concert band. Emphasis is placed on the development of jazz style and improvisation. The jazz band performs two major concerts per year with other opportunities for performance possibly available. The jazz band competes in the IHSMA Jazz Festival and the NCIBA Jazz Festival each year.

Music Theory I
Prerequisite: grade 10, 11, 12
Course Description: Music Theory is designed for students who seek to further their knowledge of music fundamentals. By knowing how elements of music interact to create musical style and effect, students will be better able to bring a piece of music to life and communicate its essence to others. The purpose of this course is to instill the ability to distinguish, describe, comprehend, and employ music theory concepts and processes.

Music Theory II
Prerequisite: grade 10, 11, 12
Course Description: Music Theory is designed for students who seek to further their knowledge of music fundamentals. By knowing how elements of music interact to create musical style and effect, students will be better able to bring a piece of music to life and communicate its essence to others. The purpose of this course is to instill the ability to distinguish, describe, comprehend, and employ music theory concepts and processes.

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PROJECT LEAD THE WAY

The following courses are part of Project Lead the Way (PLTW), a sequence of courses designed to give students the knowledge they need to excel in high-tech fields. Studies of PLTW's curriculum have proven that PLTW students become the kind of prepared, competent, high-tech employees the U.S. industry needs to stay competitive in the global market. These are full-year, elective courses.

Principles of Biomedical Science
Prerequisite: grade 10, 11, 12 and successful completion of Biology or Anatomy and Physiology
Course Description: In this introductory course from the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The labs, activities, and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Computer Science Essentials
Prerequisite: grade 9, 10, 11, 12
Course Description: In this course, you will consider how computing is changing everything in our lives. You will be introduced to programming, the magic that makes it all happen. Create original programs with MIT App Inventor, learning about pair programming and the software design process. You will use tools to create audio files and graphics that can be included in your apps. You will learn how computers handle digital data like images, sound, text, and numbers. You will give instructions to a computer by creating code using variables, functions, and operations like arithmetic.

Introduction to Engineering Design
Prerequisite: grade 9, 10, 11, 12 and concurrent enrollment in Geometry or successful completion of Geometry.
Course Description: Using computer-modeling software, students learn the process of product design. They solve design problems as they develop, create, and analyze product models.

~~**Principles of Engineering**~~
~~Prerequisite: grade 10, 11, 12 and Intro to Engineering Design is required~~
~~Course Description: Students explore different types of engineering and learn the basics of each. Units include bridge design, simple machines, electrical circuits, hydrogen fuel cells, computer-controlled machines and more. A lot of time is spent experimenting and building models as well as working with computer simulations. Strong math skills will definitely help one do well in this class.~~

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SCIENCE COURSES

Students must take courses that meet the Next Generation Science Standards in the areas of earth science, biological (life) science, and physical science (chemistry and physics). Courses are a full year in length unless otherwise noted.

Physical Science - Graduation Requirement grade 9 (elective choice for 10th - 12th graders during 2021-2023)
Course Description: Physical Science is a full year course that explores the chemistry and physics of the world around us. This course will investigate the origin of the elements, the use of flow of energy, the origin of materials used by people, forces, collisions, changes in energy, and the use of waves for communication.

Biology - Graduation Requirement grade 10
Course Description: Biology is a challenging course designed for all students. Biology (life science) is concerned with the study of living organisms and their interactions with each other and their environments. Life science examines the cell, molecular basis of heredity, biological evolution, interdependence of organisms, matter, energy, and organization of living systems. These topics will be explored through labs, lectures, simulations, and dissections.

Chemistry
Prerequisite: grade 10, 11, 12 and completion of Algebra (C grade or better recommended but not required)
Course Description: This class is about the substances that make up our world, how they react with each other and how they change. You will learn about atomic theory, radioactivity, chemical bonding, thermochemistry and more. There will be experiments, demonstrations, computer simulations and lectures over the material. If you are considering any science-related career you should take chemistry. Good math skills are essential to doing well in chemistry.

Foundational Science A
Prerequisite: grades 9 - 11 by teacher recommendation only
Course Description: This course covers the foundational core content needed to better understand the topics of atomic theory and structure, the periodic table, life cycle of stars, magnetism and electromagnetism, origin of the universe, waves, and work, energy, and power. This class also includes the ELP (English Language Proficiency) Standards, which help to assist students with their English language acquisition.

Foundational Science B
Prerequisite: grades 10 - 12 by teacher recommendation only
Course Description: This course covers the foundational core content needed to better understand the topics of forces, speed and acceleration, Newton's three laws, momentum, plate tectonics, ionic and covalent bonding, balancing chemical formulas, geologic time scale and absolute dating. This class also includes the ELP (English Language Proficiency) Standards, which help to assist students with their English language acquisition.

Physical Science (B):
Course Length: one semester
Prerequisite: grade 11, 12 and successful completion or concurrent enrollment in Chemistry.
Course Description: This is a condensed physics course that covers the topics of Motion, Forces, Momentum, Energy, Waves, and Electricity and Magnetism. The course will use laboratory investigations and mathematical calculations to help students to develop a deeper understanding of how objects interact and impact our world.

Physics
Prerequisite: grade 11, 12 and Algebra (C grade or better recommended but not required)
Course Description: Physics makes you look at the world in a different way than you ever have before. Learn how to analyze tug-of-war contests, skydiving, elevators, amusement park rides, hovercrafts, car collisions and much more. Physics involves the study of many different fields such as motion, sound, light, magnetism, electricity and more. Students will work with high-tech lab equipment and use computers and math extensively. If you are considering any science related career, you should take physics.

Advanced Placement Biology
Prerequisite: grade 11, 12 and Successful Completion of Biology with a C or better and completion/current enrollment in Chemistry
Course Description: 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.

Advanced Placement Chemistry
Prerequisite: grade 11 or 12 and Successful Completion of one year of Chemistry with a C or better

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Course Description: AP Chemistry is an introductory college-level chemistry course. Students will cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four BIG Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy.

~~**Advanced Placement Physics (Not offered currently)**~~
~~Prerequisite: grade 12 and Physics~~
~~Course Description: AP Physics 1 is a follow-up course to physics and it is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Laboratory is part of the education of AP Physics students and colleges may require students to present their laboratory materials from AP science courses before granting college credit for laboratory, so students are encouraged to retain their laboratory notebooks, reports, and other materials.~~

Anatomy and Physiology
Prerequisite: grade 11, 12 and successful completion of Biology
Course Description: Anatomy and Physiology is a challenging course in the study of the human body emphasizing the complementary nature of structure and function, diseases, and metabolic processes. This course focuses on the human body and its various organ systems. The systems will be explored through labs, dissections, web-based material, etc. This is a college-prep class useful to students interested in medicine, veterinary medicine, allied health care, athletic training, etc.

Earth's Wonders of the World NEW Course
Prerequisite: grade 10, 11, and 12 and successful completion of Freshmen Science
Course Length: One semester
Course Description: Come explore the SEVEN Natural Wonders of the World! From the coral reefs, to the largest waterfall, to the highest mountains and beyond. This course will explore how these wonders came to be, how they shape our Earth, and also peek into the future at how they may continue to change over time.

Conservation Science NEW Course
Prerequisite: grade 10, 11, and 12 and successful completion of Freshmen Science
Course Length: One semester
Course Description: Conservation Science is the study of human interaction with the environment. The study of basic principles of ecology including the study of the Earth's biomes and the role and impact of human activities on natural systems will be the focus of this course. You will gain scientific knowledge about the natural world, as well as an understanding about ways in which humans interact with our world. Policies, regulations, and decisions influenced by human actions will be examined, and the resulting environmental impact of these decisions with a focus on our local natural systems.

Project Lead the Way (PLTW): Principles of Biomedical Science
Prerequisite: grade 10, 11, 12 and successful completion of Biology or Anatomy and Physiology
Course Description: In this introductory course from the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The labs, activities, and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

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SOCIAL STUDIES COURSES

World Geography - Graduation Requirement grade 9
Course Description: World Geography is a course that focuses a great deal with the human aspects of geography. Where do people live, why do they live there and what is the lifestyle like in the region that they live in? It is broken down into different realms and attempts to help students understand the similarities and differences of the realms around the world. Important because in the ever aggressive globalization movement, our young people need to know who they are dealing with and how different people live.

Foundational Social Studies A
Course Length:
Prerequisite: grade 9, 10, 11, 12
Course Description: For our Sheltered English students…..

American History - Graduation Requirement typically grade 10
Course Description: This is a course covering American History from around 1900 to present day. The first semester includes the following topics: The industrial revolution, World War One, The Roaring Twenties, The Depression, and World War II. The second semester covers American History from the 1950s to the present day including The Cold War, The Civil Rights Movement, The Hippie counterculture movement, and events up to the present day.

American Government - Graduation Requirement typically grade 11
Course Description: This course will take students on a journey from colonial governments to our present day democracy. Throughout the semester students will learn about the Article of Confederation and our present Constitution. Within the Constitution, students will learn about the Bill of Rights and subsequent amendments. Also, students will learn how a bill becomes a law. Students will learn what it means to be a citizen and that political parties and campaigns are a major part of the present day government. They will learn all of this along with the difference among local, state and federal governments.

Economics - Graduation Requirement typically grade 11
Course Description: Topics include macro and micro economics, supply & demand, stock market and personal economics. A financial literacy component is also included in this course. How do I apply for a loan? What decides prices? These questions and more will be answered throughout the semester. We will use a variety of sources to better understand economics and your role in it.

Advanced Placement United States History
Prerequisite: grade 10, 11, 12
Course Description: AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. History course. In AP U.S. History, students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society.

Global Studies
Prerequisite: grade 10, 11, 12
Course Description: Global Studies focuses on local, state, national and international issues. The objective of this class is to become familiar with and understand many of the major issues facing the world today and how it could impact us tomorrow. Topics in this class can vary depending on what is going on in the world around us. A certain emphasis is placed on the students understanding how to communicate verbally what is going on with issues. We attempt to not only understand the topic of discussion but share what we understand with other people.

Judicial Process - Spring Semester - ONLY
Prerequisite: grade 10, 11, 12
Course Description: You will learn the basics of our justice system and its processes. If you are interested in Mock Trial, this is the class for you. We will examine and analyze cases, research and learn proper courtroom procedure. You will also be examining how a jury is selected and more about the general courtroom.

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Psychology I
Prerequisite: grade 10, 11, 12
Course Description: In this class you will learn about individual behavior and mental process. You will examine the historical and contemporary theories of psychology. You will examine such things as sensation and perception, altered states of consciousness, how our behavior changes and is shaped depending on different situations, and you will also examine developmental psychology (humans from birth - death).

Psychology II
Prerequisite: Psychology I and grade 10, 11, 12
Course Description: This course will allow you to examine learning and memory, personality, mental illness, counseling and social psychology. We will take the material learned in Psychology I and apply it. We will also be taking a field trip to the Mental Health Institute in Independence.

Sociology
Prerequisite: grade 10, 11, 12
Course Description: This class is about group behavior in society. It allows us to examine the question, "does society control our behavior?" You will learn about the basic perspectives in sociology and how they apply to inequality, poverty, crime and punishment, social structure, etc. In examining society, you will examine how we get socialized (peers, media, family, etc). If you are interested in how society impacts our behavior and group behavior, this is the class for you!

Ancient History (formerly known as World History I)
Prerequisite: grade 10, 11, 12
Course Description: For students who enjoyed World Geography and American History, this elective course focuses on the cultural hearths of the ancient world and the migratory patterns that followed. This course starts with the first civilizations around 2 million years ago and covers material to 1300 A.D. Topics include Mesopotamia, Indus River Valley in India(Pakistan), Yellow River in China, Nile River and Egypt, Greece, Rome, Southwest Asia, and into the Enlightenment, Reformation, and Topics in the Renaissance.

Modern World History - (formerly known as World History II)
Prerequisite: grade 10, 11, 12
Course Description: This course is usually for kids that have enjoyed Ancient History and American History this course starts at a time around the Industrial Revolution in the 1700's covers Industrial Revolution, conflicts leading up to World War I, Depression and the Rise of Dictators, World War II, Cold War and other political changes in Europe. The goal is to get into the modern issues that create global change.

World Religions
Prerequisite: grade 10, 11, 12
Course Description: Students will investigate and compare the basic ideas and history contained in the major religions of the world. Religions studied include Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Shinto, and Taoism in addition to ancient traditions outside of today's mainstream.

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What Should I take?

As a student it is important to take a variety of classes. If you already know the Career Cluster you are interested in after high school, then use the link below to find the courses that would be most helpful for you to take next.

What classes should I take for my Career Cluster?

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Senior Year Plus - CONCURRENT ENROLLMENT

The concurrent enrollment program provides opportunities for high school students to participate in rigorous academic or career and technical pursuits by enrolling in eligible community college courses under Iowa Code 22.

Here are a few bullet points from the Iowa Code that all should know:

- Iowa Code requires student eligibility be determined based upon demonstrated proficiency in reading, math and science on the ISASP tests (MAP test results may also be used if needed).
- This program is available to all eligible resident students in grades 9 through 12. At HDHS, students typically take college courses as 11th and 12th graders. Identified TAG students may take courses beginning in 10th grade.
- The list of courses available shall be approved annually by the board of directors of the school district using locally developed criteria to establish which courses will provide adequate academic notice and prepare the student for the transition to a postsecondary institution.
- A student may enroll through SYP in up to 23 credit hours in an academic year at any one eligible postsecondary institution . A student under competent private instruction shall meet the same eligibility criteria as students in the school district in which the student is dually enrolled and shall have the approval of the school board in that school district to register for SYP programming.
- No student may enroll in a college credit course through SYP for high school credit only. Students may not withdraw from the college credit course, but remain in the section for high school credit only. Auditing courses is expressly prohibited.
- The content of a course provided to a high school student for postsecondary credit shall not consist of substantially the same concepts and skills as the content of a course provided by the school district. (Which means if we offer the class here, you need to take it here first.)
- Students under competent private instruction may enroll in Senior Year Plus (SYP) through the public school district in which they are dual enrolled provided the student has the approval of the school board of the school district to register for the postsecondary course and all eligibility requirements are satisfied.
- The school district may not charge tuition to any student who participates in this program.
- Students who demonstrate successful completion of eligible courses will receive college credit under this program in addition to high school credit. Each 3 credit college course will equal one high school credit toward graduation.

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Current Approved Concurrent Enrollment Course List

Course Number Course Name (@ NIACC) = online course delivered by NIACC faculty generally FALL / SPRING or BOTH
Students enrolled in one or more of these courses will have an Online Course appear in their schedule which is time devoted to working on their online course(s).

POL - 111 American National Government (@ NIACC) generally BOTH
[Prerequisite: None] A survey of the American federal system of government including a description and analysis of the Constitution; the legislative, executive, and judicial branches of government; and the American political process.

ASL - 131 American Sign Language I (@ NIACC) generally FALL and ON CAMPUS @ NIACC in the evening [Prerequisite: None] This course is designed to provide students with an introduction to American Sign Language (ASL) and the Deaf Culture in America. Focus is on building sign vocabulary, finger spelling, grammar and syntax rules, facial expressions, use of personal space, and the development of sensitivity and awareness of the Deaf Community in America. The student is expected to acquire basic signing skills and sign vocabulary.

ASL - 161 American Sign Language II (@ NIACC) generally SPRING and ON CAMPUS @ NIACC in the evening [Prerequisite: ASL - 131 American Sign Language I with a grade of C- or higher.] This course continues the study and practice of basic skills initiated in ASL - 131 American Sign Language I. The course is focused on vocabulary building, finger spelling, facial expressions, body language, use of personal space, and the development of sensitivity and awareness of the Deaf Community in America. Students will learn to sign at a conversation level both expressive and receptive.

ASL - 241 American Sign Language III (@ NIACC) generally FALL and ON CAMPUS @ NIACC in the evening [Prerequisite: ASL 161 American Sign Language II with a C or higher] This course continues the study and practice of the skills learned in American Sign Language I and American Sign Language II and allows recognition and demonstration of more sophisticated grammatical features of ASL. It also increases fluency and accuracy in fingerspelling and numbers.

ASL - 271 American Sign Language IV (@ NIACC) generally SPRING and ON CAMPUS @ NIACC in the evening [Prerequisite: ASL - 241 American Sign Language III with a C or higher.] This course is designed to provide a continuation of instruction from American Sign Language III in the grammatical features of ASL, vocabulary development, conversational skills, as well as expanding understanding and appreciation of Deaf culture and the Deaf community. Emphasis will be placed on the student's conceptual understanding of the grammatical structure of ASL and application of these concepts in language skill development and use. ASL IV integrates receptive and expressive skills with an emphasis on linguistics, literature, and discourse styles at an intermediate level. This course is aimed at refining and strengthening the skills acquired in previous levels.

ART - 101 Art Appreciation (@ NIACC) generally BOTH
[Prerequisite: None] An introductory course designed to give a better understanding of art as an important force in present-day living. Aims to develop an appreciation of art and creative thinking through lectures, readings, and visual aids. Experimentation with a variety of tools, techniques, and materials is a meaningful part of the course. Recommended for non-art majors. This is an entry-level course.

PHS - 142 Principles of Astronomy (@ NIACC) SPRING 2021 This physical science course explores the mysteries of the universe. Through scientific reason, the course will examine the following: the history of astronomy, the planets, stars, nebulae, galaxies, and current theories on astrophysical phenomena. This course emphasizes amateur observation techniques.

HSC - 144 Basic Pharmacology (@ NIACC) generally FALL [Prerequisite: Medical Terminology knowledge recommended. May want to take Med Terms I and II first.] Basic Pharmacology provides an introduction to the principles of pharmacology including drug terminology; drug origins, forms, and actions; routes of administration; as well as the use of generic name drugs, trade name drugs, and categories of drugs to treat various body systems.

BUS - 185 Business Law I (@ NIACC) generally SPRING 2021 [Prerequisite: Business Law & Ethics at HD] This course studies law as applied to business transactions and business relationships. It is an introduction to jurisprudence and the courts, contracts, sales, and security agreements. The course looks at the history of law, the constitution, and ethical considerations. Students will review the court system, government regulation of business, and study various types of law.

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PSY - 223 Child/Adolescent Psychology (@ NIACC) **generally BOTH** [Prerequisite: Psychology I @ HD] This course covers information relevant to the development of humans from the prenatal stages through adolescence providing an introduction to and survey of behavioral characteristics of individual development. Interwoven into each stage of development (infancy/ toddlerhood, early childhood, middle childhood, and adolescence) are the effects of community, family, and school in the development of children and adolescence.

EDU - 235 Children's Literature (@ NIACC) generally FALL This course in Children's Literature has a two-fold purpose. As a survey course, it is designed to help acquire knowledge of children's literature and to become widely acquainted with the great wealth of books available for today's children. An equally important purpose is to develop proficiency with selection, close reading, and evaluation of children's literature and using them across the curriculum. In this course, an emphasis is on motivating children to read and introducing them to a diverse range of cultures.

HIS - 266 Civil War (@ NIACC) [Prerequisite: None] A study of the United States during the Civil War. A study of the political, social, economic, military, and diplomatic history of the United States from 1850 to 1877. A look at the causes of the Civil War, the War and its impact on US society, and the aftermath of the war.

MAT - 121 College Algebra (@ HDHS) generally BOTH

ENG - 105 Composition I (@ HDHS) generally BOTH

ENG - 106 Composition II (@ HDHS) SPRING SEM ONLY 2021

ANT - 105 Cultural Anthropology (@ NIACC) generally BOTH [Prerequisite: None] This course is designed to facilitate understanding of human behavior in diverse cultural contexts, through exploration of historical and contemporary approaches to grounded research in the United States and abroad. Students are guided in application of critical insights gained to cultural forces at play in their own lifeworlds. Resulting from their efforts include a deepened appreciation for who we are as human beings as well as a deepened appreciation for the world in which we live.

PSY - 121 Developmental Psychology (@ NIACC) **generally BOTH** [Prerequisite: Psychology I at HD] A topical approach to studying the physical, cognitive, social, and emotional domains of human development from conception to death. A variety of psychological issues including learning, personality, moral behavior, and psychological well-being and life satisfaction across the lifespan are discussed. Examining the research in these areas allows students to understand and appreciate different perspectives on cultural, ethnic, and gender issues.

EDU - 250 Ed Tech and Design (@ NIACC) SPRING 2021 [Prerequisite: None] This course focuses on the production of instructional media/computer technology and their relationship to educational strategies within an instructional design framework. Course activities include the planning, design, and production of media and the operation of hardware and software for educational use. Students will be exposed to various ways of thinking about educational media and the messages they deliver. The course provides students with experiences that enable them to integrate technology resources to support clearly defined learning objectives. .

EMS - 201 Emergency Medical Technician (NIACC) **SPRING SEM ONLY** [Prerequisites: Be at least 17 years of age at the time of enrollment. A physical examination, immunization record, background check, and proof of American Heart Association BLS certification is required prior to beginning the hospital or field clinical portion of the course.] This course provides the student with the necessary knowledge and skills to perform emergency care and transport. Course modules include preparatory, function and development of the human body, pharmacology, airway management, patient assessment, medical emergencies, shock, trauma, special patient populations, and EMS operations. Additional 18 hours of hospital based clinical and 12 hours of ambulance ride time is required. EMT is the minimum level of certification to provide basic level EMS transport. This is a 7 credit course and students should be prepared for that type of course load.

ENV - 111 Environmental Science (@ NIACC) generally FALL [Prerequisite: None] The study of ecological principles and the interrelationships among populations, resources, and pollution in developing a sustainable society. Lecture and laboratory-based topics include: population, ecology, soil, water, land, air, and energy resources, plus air, water, soil, and waste management. Environmental decision-making strategies to resolve current and future environmental issues are stressed.

EDU - 219 Field Experience & Seminar (@ NIACC) [Pre/corequisite: **EDU - 213 Introduction to Education**.] **generally FALL.** This Field Experience provides purposeful classroom observations for pre-service teachers. Students will reflect on the ways schools function, identify the roles and responsibilities of teachers, and observe student behavior. Through this field experience, the students will get a realistic

view of being a teacher and will be able to make an informed decision as to whether or not teaching is a good career choice. Evaluation is pass/no pass.

BIO - 152 Health and Nutrition (@ NIACC) generally BOTH [Prerequisite: Health I @ HD] This course covers the science of health and its application to the individual, home, community, and school. Topics include elementary physiology, nutrition, dependency, and current health problems of national concerns.

BUS - 161 Human Relations (@ HDHS) generally BOTH

MGT - 170 Human Resource Management (@ NIACC) generally BOTH [Prerequisite: None] This course describes the transition from personnel management to human resources management. The focus is on the systematic process of recruitment, selection, development, and appraising employees.

SPC - 122 Interpersonal Communication (@ NIACC) generally BOTH [Prerequisite: None] Interpersonal Communication is the study of interaction between interdependent individuals with the focus on developing effective personal and professional communication skills. The course emphasizes students' exploration of issues in relational development, verbal communication, non-verbal communication, listening, semantics, cross-cultural communication, cross-gender communication, problem solving, and conflict resolution.

BIO - 196 Intro to Bio-Technology (@ NIACC) generally BOTh [Prerequisite: None] The purpose of this course is to help students understand the importance and impact of bio-technology on our lives. Students will be introduced to bio-science's impact on society and made to realize that technologies, like the tools they are manifested in, can be used "for better or for worse." The benefits of bio-science will be discussed in six major categories: agriculture, industry, medicine, environmental, forensic, and advancement of knowledge.

BUS - 102 Intro to Business (@ NIACC) generally BOTH [Prerequisite: Intro to Business at HD] An overview of the phases and functions of the business enterprise. Units of instruction include the organization, financing, production, and contemporary issues in business. The course provides an awareness and understanding of the complexities of the business world.

CRJ - 100 Intro to Criminal Justice (@ NIACC) generally BOTH [Prerequisite: None] This course examines the criminal justice system as a method of social control in the United States. This course also examines crime definitions, data collection and analysis, and the roles, rules, and responsibilities of the law enforcement, the courts, and the correctional components of the criminal justice system in responding to crime.

ECE - 103 Intro to Early Childhood Ed (@ NIACC) generally BOTH [Prerequisite: None] Gives students a historical and philosophical foundation of the field of early childhood education. Includes an overview of assessment and trends that influence best practices. Explores careers in the field. Addresses influences of families and diversity.

EDU - 213 Introduction to Education (@ NIACC) [Pre/Corequisite: **EDU - 219 Field Experience & Seminar (@ NIACC)**] **generally FALL.** This course examines American education from a historical, philosophical, and sociological perspective. Challenges and issues in education today will be discussed in the context of school organization, politics, funding, curriculum, professionalism, legal issues, and effective school and teacher characteristics.

BUS - 130 Intro to Entrepreneurship (@HDHS) SPRING 2021

PHI - 105 Introduction to Ethics (@ NIACC) generally BOTH [Prerequisite: None] This course is designed to develop objective thinking skills. The goal is to create a balance between moral principles when considering a variety of ethical issues. The emphasis will be on developing a moral stance that is workable in today's society. Issues include poverty, environment, animal rights, business, preferences in hiring, war, death penalty, abortion, euthanasia, parent-child relationships, sex, love, and marriage.

MUS - 105 Introduction to Music Theory (@ NIACC) [Prerequisite: Previous instrumental or vocal music experience.] Introduction to Music Theory is designed as a precourse to any music theory sequence. The course work will emphasize the circle of fifths, major scales, all forms of the minor scales, parallel and relative scale relationships, and music vocabulary. This course will also introduce the aural skills of scale identification, rhythmic dictation, and interval identification.

PHI - 101 Intro to Philosophy (@ NIACC) SPRING 2021 [Prerequisite: None] Introduces the student to the study of philosophy and teaches skills of critical thinking. The course examines the meaning and value of philosophy; human nature and the self, axiology-ethics and values (In search of the Good Life); social philosophy; freedom; individualism; philosophy and art; epistemology - the nature of knowledge; truth;

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philosophy and religion; the meaning of suffering and death; examination of decision making and self-discovery.

PSY - 111 Introduction to Psychology (@ NIACC) **generally BOTH** [Prerequisite: Psychology I @ HD] An introduction to the scientific study of behavior; a brief history of psychology as a science, and topics fundamental to human behavior including developmental issues, sensory abilities, cognitive performance, social and emotional factors in behavior, and abnormal behavior and therapies

MAT - 156 Intro to Statistics (@ NIACC) generally BOTH [Prerequisite: Statistics @ HD and ALEKS score of at least 38 or ACT Math of at least 21.] This course is intended to introduce students to basic statistical concepts. It covers descriptive and inferential statistical methods, probability, hypothesis testing on the mean and proportion, and linear regression. Students are also introduced to technology as it applies to introductory statistical methods. A graphing calculator is required.

MGT - 220 Intro to Sports Management (@ NIACC) **generally FALL** [Prerequisite: None] This course will explore introductory concepts related to sport management such as ethical management principles, marketing, financial and legal aspects regarding the management of facilities, events, and organizations, and potential career opportunities in the field. These topics will be applied to organizations within interscholastic, intercollegiate, international, and professional sport.

DRA - 119 Intro to Theatre, TV and Film (@ NIACC) **generally BOTH** [Prerequisite: None] This course is designed to foster appreciation for the performing arts and fulfill a humanities elective. We discuss the relationship between theatrical arts and society. We view films, and hopefully spark an interest in theatre, television and film.

BUS - 197 Leadership Development (@ NIACC) [Prerequisite: None] This course explores leadership styles effective in the workplace and helps participants gain insight into their natural leadership style and implications of that style on work and group performance.

HSC - 120 Medical Terminology I (@ NIACC) generally BOTH [Prerequisite: None] Introduction of basic medical terminology utilizing a programmed, work-building system to learn word parts to construct and analyze new terms. Emphasis is placed on spelling, definition, usage, and pronunciation.

HSC - 121 Medical Terminology II (@ NIACC) generally BOTH [Prerequisite: HSC - 120 Medical Terminology I is highly desirable.] This course offers a brief review of basic medical terminology followed by a systems approach to learning terms associated with anatomical, physiological, and pathological aspects of the body.

MUS - 100 Music Appreciation (@ NIACC) generally BOTH [Prerequisite: None] Music Appreciation is concerned with the development of Western Classical Music that encompasses nearly 2500 years of history beginning in 400 BC and culminating in the 20th century. This course provides the student knowledge of six commonly recognized historical eras through lectures, recordings, videotapes, digital media, and possible guest speakers.

HSC - 130 Nurse Aide Theory - CNA (NIACC) SPRING SEM ONLY [Must be 16 years or older. Corequisite: **HSC - 174 Nurse Aide Clinical.**] The Nurse Aide Course has an emphasis on the students achieving a basic level of knowledge and demonstrating skills to provide safe, effective resident care. A minimum of 30 hours will be scheduled for a supervised clinical experience following successful completion of theory.

HSC - 174 Nurse Aide Clinical - CNA (NIACC) SPRING SEM ONLY [Entrance Requirements: Must be 16 years or older. Corequisite: **HSC - 130 Nurse Aide Theory.**] The Nurse Aide course has an emphasis on the students achieving a basic level of knowledge and demonstrating skills to provide safe, effective resident care. A minimum of 30 hours will be scheduled for a supervised clinical experience. The clinical setting shall be a nursing facility and the supervisor shall be the course teacher. During the experience the students will be assigned to provide care to one or more residents. Clinical evaluations will be completed and reviewed with the students at the completion of the experience.

BIO - 151 Nutrition (@ NIACC) generally BOTH [Prerequisite: Three credit hours of high school inorganic chemistry. Physiology or biology helpful, but not essential. Basic math skills will be employed.] Introduces the science of human nutrition and its application to the role of the nurse, other allied health professional or educator in promoting good nutrition throughout the lifespan. Emphasis is placed on the study of macro and micro nutrient needs; and the use of modscience-based evidence for evaluation of findings and adoption of applications promoting sound nutritional practices among patients, clients and the community at large. Some principles of diet modification are presented as they relate to common chronic health problems, such as heart disease and diabetes.

PEH - 111 Personal Wellness (@ NIACC) generally BOTH [Prerequisite: Health I @ HD] Personal Wellness is an

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introductory course designed to explore the dimensions of wellness and prepare students for healthy, proactive lifestyles through lecture, experiential learning, and various physical and wellbeing activities. Students will assess their overall level of wellness, apply skill-related knowledge linked to activities that promote active lifestyles, and explore the connections between the dimensions of wellness and overall quality of life.

LIT - 170 Poetry/Drama (@ NIACC) generally SPRING 2021 [Prerequisite: ENG - 105 Composition I, or comparable course, or approval of instructor.] A study of selected works of poetry and drama as forms of literature. Discussion and writing emphasizing interpretation, critical analysis, and judgment/evaluation.

ECN - 120 Principles of Macroeconomics (@ NIACC) generally BOTH [Prerequisite: Economics at HDHS] An introductory study of how people use scarce resources to satisfy unlimited wants. After an introduction to economics and some basic principles of market economies, the emphasis is on the determination of national income, output, employment, and the general price level in the national economy including an examination of the money and banking system.

ECN - 130 Principles of Microeconomics (@ NIACC)
[Prerequisite: Economics @ HDHS] **generally BOTH**
An introductory study of how people use scarce resources to satisfy unlimited wants. The emphasis is on the behavior and decision making by individual consumers, entrepreneurs, workers, and other resource owners in the product and resource markets and the resulting effects on the efficiency with which resources are used. (45-0-0-0) Equivalent to 80-134, ECON-111.

SPC - 112 Public Speaking (@ NIACC) generally BOTH [Prerequisite: None] Students will study the theory and practice of public speaking as an intellectual tool for use in argumentation and persuasion in a democratic society. This course prepares the student for a variety of speaking situations, both formal and informal, with an emphasis on speech preparation, organization, support, delivery, and audience analysis.

SOC - 115 Social Problems (@ NIACC) Spring 2021 [Prerequisite: SOC - 110 Introduction to Sociology is recommended. Corequisite: SOC - 881 Social Responsibility and Community Service is recommended.] An introduction to the study of contemporary social problems. The course examines how social problems are identified, explores underlying conditions and causes of social problems, and considers possible solutions and policy implications. Emphasis is on sociological and critical thinking frameworks. Topics of exploration include: mental illness, substance abuse, crime, prejudice and discrimination, prostitution, poverty, and more.

PSY 251 - Social Psychology (@ NIACC) SPRING 2021 [Prerequisite: PSY - 111 Introduction to Psychology.] The study of interpersonal relations, which includes people's thoughts, feelings, attitudes, and attributions in social situations. In addition, the topics of person perception, prejudice, aggression, persuasion, interpersonal attraction, conformity, obedience, altruism and group processes will be covered.

MAT - 134 Trigonometry & Analytic Geometry (@ HDHS) SPRING SEM ONLY

BUS - 162 Workplace Professionalism (@ NIACC) generally BOTH [Prerequisite: None] Workplace Professionalism is a course designed to provide students with skills for success on the job and the tools for obtaining and maintaining employment. This course will also teach students how to communicate in a professional manner, maturely deal with conflict, behave in a fair and ethical manner, be accountable to team members, and develop leadership skills. In addition, students will learn about expectations related to appropriate use of technology, suitable workplace attire, proper business etiquette, and other self-management techniques

GEO - 121 World Regional Geography (@ NIACC) generally BOTH [Prerequisite: World Geography @ HD.] A geographic survey of nations and continents with emphasis on important physical characteristics of the major regions of the world. Attention is devoted to their demographic, economic, political, and cultural development with each other. The course covers physical and cultural geography as well as basic geographical literacy. The human impact on the environment and growing problems of resources are discussed.

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ACADEMY COURSES / ON-CAMPUS at NIACC - HALF DAY PROGRAM

Automotive
Automotive Electrical Systems
Automotive Shop Safety
Intro to Automotive Technology
Automotive Suspension and Steering
Automotive Brake Systems

Building and Trades
Carpentry Fundamentals I
Carpentry Fundamentals II
Construction Safety
Construction Drawing
Blueprint Reading/Estimating
Carpentry I
Carpentry II
Special Topics in Construction (@ NIACC)

Diesel
Air Systems and Brakes
Steering & Suspension
Diesel Shop Safety
Electrical Systems

Tool & Die
Machine Theory & Operations I
Machine Trade Print Reading I
Machinist Math
Skills and Safety in Industry
Computer Orientation
CNC Fundamentals
Machine Theory & Operations II
Machine Trade Print Reading II

Welding
SMAW I: SENSE I
Flux Core Arc Welding – Self Shielded
Flux Core Arc Welding – Gas Shielded
GMAW Sh Cir Transfer: SENSE 1
Welding Blueprint Reading
Skills and Safety in Industry
GTAW Carbon Steel: SENSE 1
GTAW Aluminum: SENSE 1
GTAW Stainless Steel: SENSE 1
GMAW Spray Transfer: SENSE 1
SMAW II: SENSE 1
Welding Fabrication

Industrial System Technology
Electronic Circuit Analysis
Intro to Tech Computing/CAD
Fluid Power I
Skills and Safety in Industry
Introduction to PLCs
Motor Control Circuits
Analog & Digital Electronics

Rockwell Industrial Academy
Ag & Industry Welding
Cabinetry & Millwork
Electronic Concepts
Intro to Entrepreneurship
Intro to Tech Computing/CAD
Maintenance Shop Operations
Skills and Safety in Industry

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NCAA - ELIGIBILITY STANDARDS QUICK REFERENCE SHEET

For more information regarding the rules, please go to www.ncaa.org. Click on "Academics and Athletes" then "Eligibility and Recruiting." Or visit the Eligibility Center Website at www.ncaaclearinghouse.net.
Please call the NCAA Eligibility Center if you have questions: Toll-free number: 877/262-1492.
NCAA Eligibility Center 4/17/08 LM:cvs/crr

	DIVISION I - ACADEMIC REQUIREMENTS
Core Course Requirements	
Full Qualifier	College-bound student-athlete may practice, compete, and receive athletic scholarships during their first year of enrollment at an NCAA Division I school. Must: - Complete 16 core courses - 10 of the 16 core courses must be completed before the 7th semester (senior year) of high school. - 7 of the 10 core courses must be in English, Math, or Natural/Physical Science. - Earn a core-course GPA of at least 2.300 - Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale - Graduate high school
Academic Redshirt	College-bound student-athlete may receive athletic scholarships during their first year of enrollment and may practice during the first regular academic term, but may NOT compete during the first year of enrollment. Must: - Complete 16 core courses - Earn a core-course GPA of at least 2.000 - Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale - Graduate high school
Nonqualifier	College-bound student-athlete cannot practice, receive athletic scholarships or compete during their first year of enrollment at an NCAA Division I school.
International Students:	Please visit www.ncaa.org/international for information and academic requirements specific to international student-athletes.
Test Scores	When a student registers for the SAT/ACT, he or she can use the NCAA Eligibility Center Code of **9999** so his or her scores are sent directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts will NOT be used in his or her academic certification. A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores.

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DIVISION I - FULL QUALIFIER SLIDING SCALE

CORE GPA	NEW SAT*	ACT SUM
3.550	400	37
3.525	410	38
3.500	430	39
3.475	440	40
3.450	460	41
3.425	470	41
3.400	490	42
3.375	500	42
3.350	520	43
3.325	530	44
3.300	550	44
3.275	560	45
3.250	580	46
3.225	590	46
3.200	600	47
3.175	620	47
3.150	630	48
3.125	650	49
3.100	660	49
3.075	680	50
3.050	690	50
3.025	710	51
3.000	720	52

CORE GPA	NEW SAT*	ACT SUM
2.975	730	52
2.950	740	53
2.925	750	53
2.900	750	54
2.875	760	55
2.850	770	56
2.825	780	56
2.800	790	57
2.775	800	58
2.750	810	59
2.725	820	60
2.700	830	61
2.675	840	61
2.650	850	62
2.625	860	63
2.600	860	64
2.575	870	65
2.550	880	66
2.525	890	67
2.500	900	68
2.475	910	69
2.450	920	70
2.425	930	70

CORE GPA	NEW SAT*	ACT SUM
2.400	940	71
2.375	950	72
2.350	960	73
2.325	970	74
2.300	980	75

ACADEMIC REDSHIRT

CORE GPA	NEW SAT*	ACT SUM
2.299	990	76
2.275	990	76
2.250	1000	77
2.225	1010	78
2.200	1020	79
2.175	1030	80
2.150	1040	81
2.125	1050	82
2.100	1060	83
2.075	1070	84
2.050	1080	85
2.025	1090	86
2.000	1100	86

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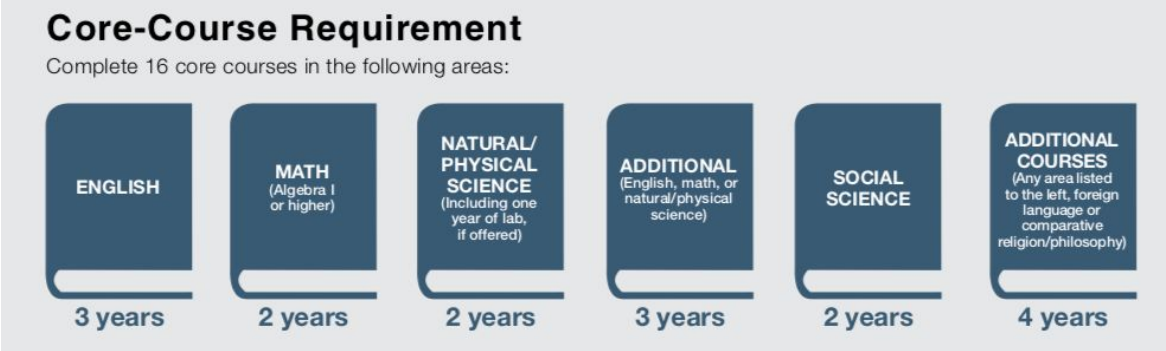
	DIVISION II - ACADEMIC REQUIREMENTS
Core Course Requirements	
Full Qualifier	College-bound student-athlete may practice, compete, and receive athletic scholarships during their first year of enrollment at an NCAA Division I school. Must: - Complete 16 core courses - Earn a core-course GPA of at least 2.200 - Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale - Graduate high school
Partial Qualifier	College-bound student-athlete may receive athletic scholarships during their first year of enrollment and may practice during the first regular academic term, but may NOT compete during the first year of enrollment. Must: - Complete 16 core courses - Earn a core-course GPA of at least 2.000 - Earn the ACT/SAT score matching your core-course GPA on the Division II partial qualifier sliding scale - Graduate high school
Nonqualifier	College-bound student-athlete cannot practice, receive athletic scholarships or compete during their first year of enrollment at an NCAA Division II school.
International Students:	Please visit www.ncaa.org/international for information and academic requirements specific to international student-athletes.
Test Scores	When a student registers for the SAT/ACT, he or she can use the NCAA Eligibility Center Code of **9999** so his or her scores are sent directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts will NOT be used in his or her academic certification. A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores.

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DIVISION II - FULL and PARTIAL QUALIFIER SLIDING SCALE

FULL QUALIFIER

CORE GPA	NEW SAT*	ACT SUM
3.300 & above	400	37
3.275	410	38
3.250	430	39
3.225	440	40
3.200	460	41
3.175	470	41
3.150	490	42
3.125	500	42
3.100	520	43
3.075	530	44
3.050	550	44
3.025	560	45
3.000	580	46
2.975	590	46
2.950	600	47
2.925	620	47
2.900	630	48
2.875	650	49
2.850	660	49
2.825	680	50
2.800	690	50
2.775	710	51

CORE GPA	NEW SAT*	ACT SUM
2.750	720	52
2.725	730	52
2.700	740	53
2.675	750	53
2.650	750	54
2.625	760	55
2.600	770	56
2.575	780	56
2.550	790	57
2.525	800	58
2.500	810	59
2.475	820	60
2.450	830	61
2.425	840	61
2.400	850	62
2.375	860	63
2.350	860	64
2.325	870	65
2.300	880	66
2.275	890	67
2.250	900	68
2.225	910	69
2.200	920	70 & above

PARTIAL QUALIFIER

CORE GPA	NEW SAT*	ACT SUM
3.050 & above	400	37
3.025	410	38
3.000	430	39
2.975	440	40
2.950	460	41
2.925	470	41
2.900	490	42
2.875	500	42
2.850	520	43
2.825	530	44
2.800	550	44
2.775	560	45
2.750	580	46
2.725	590	46
2.700	600	47
2.675	620	47
2.650	630	48
2.625	650	49
2.600	660	49
2.575	680	50
2.550	690	50
2.525	710	51
2.500	720	52

CORE GPA	NEW SAT*	ACT SUM
2.475	730	52
2.450	740	53
2.425	750	53
2.400	750	54
2.375	760	55
2.350	770	56
2.325	780	56
2.300	790	57
2.275	800	58
2.250	810	59
2.225	820	60
2.200	830	61
2.175	840	61
2.150	850	62
2.125	860	63
2.100	860	64
2.075	870	65
2.050	880	66
2.025	890	67
2.000	900	68 & above

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