



GRAND ISLAND SENIOR HIGH

ACADEMIC COURSE GUIDE

2024-2025



DISTRICT LEADERSHIP

SUPERINTENDENT

Matthew Fisher

DISTRICT LEADERSHIP TEAM

Dr. Summer Stephens, Associate Superintendent & Chief of Secondary Education

Dr. Toni Palmer, Chief of Elementary Education

Virgil Harden, Chief Financial Officer

Dr. Carrie Kolar, Chief of Human Resources

Mitchell Roush, Director of Strategic Communications & Marketing

Cory Gearhart, Chief Information Officer



GISH LEADERSHIP

PRINCIPALS

Calvin Hubbard, Principal
Fawn Gernstein, Assistant Principal
Jared Bombeck, Academy Principal
Nate Helzer, Academy Principal
Matt Wichman, Academy Principal
D.W. Holley, Academy Principal
Greg Schlegel, Academy Principal
Augusta Beahm, MTSS Dean of Freshman Students

DIRECTORS

Chris Ladwig, Activities Director
Eon Lemburg, Assistant Activities Director

COUNSELORS

Shaun Willey, Freshman Academy
Stacy Quinteros, Freshman Academy
Mindy Ulmer, Academy of Engineering & Technology
Dave Woods, Academy of Business & Communication
Melissa Luthi-Placke, Academy of Technical Sciences (11th & 12th Grade) & EL Newcomers
Alex Niederklein, Academy of Medical Sciences
Julie Markvicka, Academy of Medical Sciences & Education (Education Pathway)
Jeff Westerby, Alternative Programs
Kathleen Townsend, Academy of Technical Sciences (10th Grade), Global and Workforce Prep



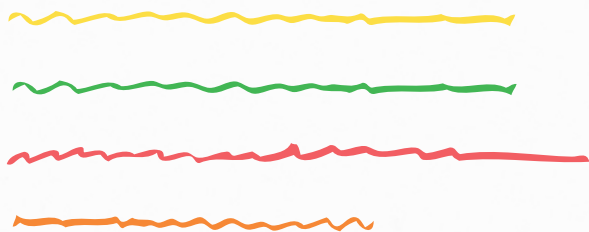
Goals



SCAN TO VISIT
THE GISH WEBPAGE!

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WELCOME TO GRAND ISLAND SENIOR HIGH, HOME OF THE ISLANDERS!

Welcome to the **Academies of Grand Island Senior High!**

Your personalized high school experience starts now.

Here at the **GISH Academies**, we put our focus on you – our students. We want to partner with you and your family to create a 4-year learning journey that equips you to be college, career, and community ready.

Our **Academy and Pathway model** is designed with you in mind. Through core curriculum classes, job shadowing connections, internship possibilities, career-based learning, pathway capstones, fine arts, athletics, and clubs you will have the opportunity to discover what you want to do while becoming who you want to be.

Alongside our **200+ GISH Staff**, I invite you to explore all the **Academies of Grand Island Senior High** has to offer. We are ready for you to make your mark.

Be bold and be proud to be an **Islander!**

#WearPurpleBeGold,



Calvin Hubbard
Grand Island Senior High Principal



PROFILE OF A GRADUATE



The **graduate profile** is the **promise** GIPS makes to **every student** who graduates from **Grand Island Public Schools**. It is considered the **community's expectation** of the graduates GIPS produces.

Every graduate of Grand Island Senior High will be:

COLLEGE READY—Every student will be prepared to enter a postsecondary education institution.

All students will complete the college continuum **AND** at least one of the following:

- ACT of 21 or higher OR SAT of 990 or higher
- Earn at least 3 college credits
- Complete at least one online course

CAREER READY—Every student will be prepared to enter the workforce as a reliable, driven employee.

All students will complete the career continuum **AND** at least one of the following:

- Earn a national certification
- Score a 3+ on the skills rubric
- Function in a blended environment

COMMUNITY READY—Every student will understand their role in their community and help improve it. **All students** will:

- Have a mentor outside of school
- Participate in at least one extra- or co-curricular activity
- Have an attendance of 95% or higher
- Earn a digital citizen certificate
- Gain volunteer experience in our community

WORLD READY—Every student will think globally with transferable skills for all careers in any location.

Students who **THRIVE!**



ACADEMY SELECTION PROCESS

Freshman students explore the opportunities and pathways that are available to them in the upper Academies. **All students** are then asked to fill out a digital form ranking their top 5 pathway choices. On or right after the due date, the form is closed, and the results are processed via a computer application which uses a lottery system to place students into the academies based on their selections.

This information is shared with the **Freshman Academy Principal and students**. Then the student pathway is designated in the student information system to facilitate scheduling into **Academy Core** and **Elective** classes.

PROCESS AND ACTIONS:

The Academy Selection process for 9th grade students begins with Freshman Seminar course teachers advising students on the upper academies and the pathways available to them.

After students are comfortable with their options, a digital form containing any updates or changes to the Academy Pathway Capacities and or offerings is created and reviewed by the Chief Information Officer and Director of College and Career Readiness.

The form link is then shared with the Freshman Academy Principal for dissemination to the appropriate classroom teachers to facilitate the students completing the form. On the due date the form is closed, and the placement processing begins.

When the placement process is completed, a document containing the placement information is provided back to the Building Scheduling Team and Freshman Academy Principal to be communicated with students and counselors. Included in this data is the algorithm chosen and the statistical results of the placement. Corrections and issues are resolved and student records in Synergy are updated with the Academy and Pathway information.

ACADEMY TRANSFER:

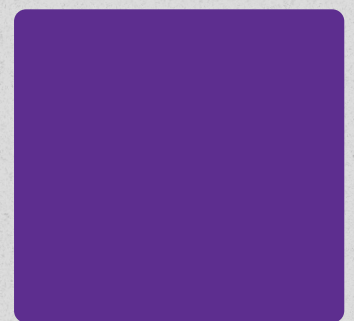
Students are allowed to request to change Academies/Pathways one time between the 10th and 11th grade year. It is very important that they choose Academies and Pathways carefully during the initial selection process.

Pathway and or Academy Change requests will be handled as follows:

- Changes will be made only after a review of the student's needs
- All change requests are subject to availability of seats in the Academy/Pathway
- Students requesting a change must complete an Academy/Pathway change form
- Academy Staffing committee will make final approval

If you have any questions regarding the Academy selection process, please reach out to your counselor.

For any additional information, scan the QR code!



COURSE PLANNERS

9th Grade

Name/Year: _____

SEMESTER 01	SEMESTER 02
Eng I English I Honors	Eng I English I Honors
American History I American History Honors	American History I American History Honors
Math	Math
Physical Science Integrated Science I	Physical Science Integrated Science I
Freshman Seminar	Freshman Seminar
Alternate:	Alternate:
Alternate:	Alternate:

10th Grade

Year: _____

SEMESTER 01	SEMESTER 02
Eng II	Eng II
World History or AP World History	World History or AP World History
Math	Math
Biology Integrated Science II Honors	Biology Integrated Science II Honors
Academy Pathway Course	Academy Pathway Course
Alternate:	Alternate:
Alternate:	Alternate:



11th Grade

Year: _____

SEMESTER 01	SEMESTER 02
Eng III or AP Eng Lang	Eng III or AP Eng Lang
Personal Finance	Personal Finance
Math	Math
Chemistry Integrated Science III AP Chemistry AP Bio	Chemistry Integrated Science III AP Chemistry AP Bio
Academy Pathway Course	Academy Pathway Course
Alternate:	Alternate:
Alternate:	Alternate:



12th Grade

Year: _____

SEMESTER 01	SEMESTER 02
Eng IV or AP Lit and Comp or WSC ELA Comp	Eng IV or AP Lit and Comp or WSC ELA Comp or WSC Expository Writing
Economics or AP Micro or AP Macro	Government or AP Gov't or WSC College Gov't
Math (Recommended)	Math (Recommended)
Science (Recommended)	Science (Recommended)
Academy Pathway Course	Academy Pathway Course
Alternate:	Alternate:
Alternate:	Alternate:

GRADUATION REQUIREMENTS

All Grand Island Senior High Graduates must complete the minimum required credits for each core area of study in addition to electives. Here are the current graduate requirements:

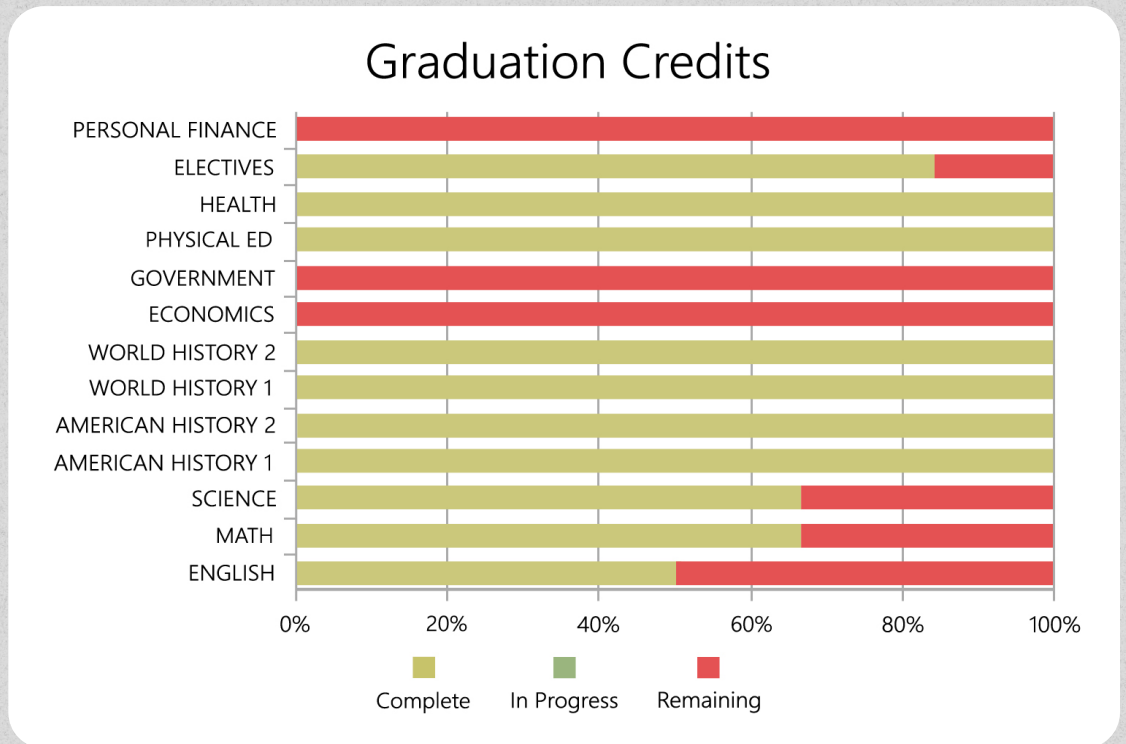
- 5 Personal Finance credits
- 5 Health credits
- 5 P.E. credits
- 5 Government credits
- 5 Economics credits
- 10 World History credits
- 10 American History credits
- 10 Physical Science credits
- 10 Biology credits
- 10 Chemistry credits
- 30 Math credits
- 40 English credits
- 95 Elective credits



You may reach out to your counselor if you have any questions about Graduation Requirements.

Current GISH students and parents/guardians will be able to track their graduation requirements progress in the [ParentVUE](#) and [StudentVUE](#) portals. A tracking chart on the student page will show the current completion status of graduation credits.

Here is an example:



GISH AP/DUAL ENROLLMENT COURSE HANDBOOK



Students in the Academies of Grand Island Senior High have the opportunity to earn college credit by participating in Advanced Placement (AP) courses and/or Dual Enrollment courses. Students and parents should consider the following guidelines when selecting courses.

DUAL ENROLLMENT

The Dual Enrollment program is a partnership between Wayne State College, UNK, or Central Community College and Grand Island Public Schools. Dual enrollment allows high school students to earn both high school and college credit at the same time through one course. Grand Island Public Schools pays for dual credit courses. Additional registration is required by the student to be enrolled with the college and this process will be led by the course instructor. Unlike in AP classes, you do not need to take an exam at the end of the year to gain college credit, but you do need to earn a grade of C or higher in the class.

ADVANCED PLACEMENT (AP)

AP classes are college-level classes offered at GISH taught to prepare students for AP tests, which students take at the end of the school year to earn college credit. The AP exam is scored on a scale of 1 to 5. Usually, you must get a score of 3 or higher to gain college credit. All students who are college bound should take at least one AP course in an area of personal strength. Home School students may enroll in GISH AP courses. These courses cover subjects in greater depth and detail, develop writing skills, problem-solving techniques, and study habits that prepare them for the rigor of college academics. *AP grades are weighted (A=5.0; B=4.0; C=3.0; D=2.0). A grade of /F/ = 0.00.*

Students in AP courses are required to participate in the AP exam for each course. Students unable to participate in the AP exam will need to submit a waiver to GISH administration to be approved. ***Students who do not take the exam without a waiver will not receive a weighted grade.***

AP exams are paid for by GIPS. However, GIPS will not pay for retakes. The Institution of Higher Education (IHE) will grant the student advanced standing or college credit for the course depending upon the score and the IHE's policy. It is the responsibility of the student to verify if the course will transfer to the receiving institution. For additional information, check out the College Board's AP website at: apstudent.collegeboard.org

ADVANCED PLACEMENT (AP) WITH DUAL ENROLLMENT

Several of the AP courses at the Academies of Grand Island Senior High also offer Dual Enrollment. This gives students the opportunity to earn college credit through both the AP test and the enrollment in college credit. As indicated above, students generally need to score a 3 or above on the AP test, or a C or higher in the class to earn the Dual Enrollment credit.



EARLY COLLEGE COURSES



Additional Dual Enrollment options can be found in the Academy highlight section.

COURSE NAME	AP CREDIT	DUAL CREDIT (INSTITUTION)
<i>Principles of Construction</i>	No	Yes (CCC)
<i>Advanced Construction</i>	No	Yes (CCC)
<i>Principles of Manufacturing</i>	No	Yes (CCC)
<i>Advanced Manufacturing</i>	No	Yes (CCC)
<i>Principles of Automotive</i>	No	Yes (CCC)
<i>Advanced Automotive</i>	No	Yes (CCC)
<i>AP English Language and Composition</i>	Yes	Yes (WSC)
<i>AP English Literature and Composition</i>	Yes	Yes (WSC)
<i>AP World History</i>	Yes	Yes (WSC)
<i>AP Government</i>	Yes	Yes (WSC)
<i>AP Macroeconomics</i>	Yes	No
<i>AP Microeconomics</i>	Yes	No
<i>AP Chemistry</i>	Yes	No
<i>AP Physics I</i>	Yes	Yes (WSC)
<i>Astronomy</i>	No	Yes (WSC)
<i>Principles of Welding</i>	No	Yes (CCC)
<i>Advanced Welding</i>	No	Yes (CCC)
<i>Principles of Information Technology</i>	No	Yes (CCC)
<i>Advanced Information Technology</i>	No	Yes (CCC)
<i>AP Computer Science</i>	Yes	No
<i>PC Support and Maintenance</i>	No	Yes (CCC)
<i>IT Support</i>	No	Yes (CCC)
<i>Cisco I Intro to Networks</i>	No	Yes (CCC)
<i>Cisco II Routing, Switching and Wireless</i>	No	Yes (CCC)

COURSE NAME	AP CREDIT	DUAL CREDIT (INSTITUTION)
<i>Virtualization CCC Info 2720</i>	No	Yes (CCC)
<i>Info Tech Fundamentals</i>	No	Yes (CCC)
<i>Computer Science Advanced</i>	No	Yes (UNK)
<i>Certified Nursing Assistant</i>	No	Yes (CCC)
<i>Certified Medication Aide</i>	No	Yes (CCC)
<i>Medical Laboratory Technician</i>	No	Yes (CCC)
<i>Advanced Emergency Services</i>	No	Yes (CCC)
<i>AP Calculus AB</i>	Yes	Yes (WSC)
<i>AP Calculus BC</i>	Yes	No
<i>AP Statistics</i>	Yes	Yes (WSC)
<i>College Prep Math I</i>	No	Yes (CCC)
<i>College Prep Math II</i>	No	Yes (CCC)
<i>Technical Math</i>	No	Yes (CCC)
<i>AP Music Theory</i>	Yes	No
<i>Spanish III WSC</i>	No	Yes (WSC)
<i>AP Spanish Language and Culture</i>	Yes	Yes (WSC)
<i>Spanish for Spanish Speakers I WSC</i>	No	Yes (WSC)
<i>Spanish for Spanish Speakers II WSC</i>	No	Yes (WSC)
<i>AP Spanish Literature and Culture</i>	Yes	No
<i>AP Psychology</i>	Yes	No
<i>Foundations of Education</i>	No	Yes (WSC)
<i>Principles of Education</i>	No	Yes (WSC)

FRESHMAN EXPLORATION

▣ **COURSE NAME:** FRESHMAN SEMINAR

PREREQUISITE: Freshman Academy of Exploration

COURSE #: 3209AA1

STATE COURSE CODE: 320101

DUAL CREDIT: NO

This course develops the foundation needed for success during high school and beyond. During the year, students will develop the skills needed to be successful in and out of school, research careers and connect them to the Academies of Grand Island Senior High, and explore post-secondary options for after graduation.

▣ **COURSE NAME:** FRESHMAN SEMINAR

PREREQUISITE: Freshman Academy of Exploration

COURSE #: 3209AA2

STATE COURSE CODE: 320101

DUAL CREDIT: NO

This course develops the foundation needed for success during high school and beyond. During the year, students will develop the skills needed to be successful in and out of school, research careers and connect them to the Academies of Grand Island Senior High, and explore post-secondary options for after graduation.

NOTES:

ENTREPRENEURSHIP & FINANCE

▫ **COURSE NAME:** Foundations of Business

PREREQUISITE: None

COURSE #: 0300AA1

STATE COURSE CODE: 032300

DUAL CREDIT: No

This course is designed to introduce students to the Business, Marketing, and Management Career Field which focuses on organization, economics, management, marketing, financial management, and operations. Career opportunities and technology will also be used and discussed.

▫ **COURSE NAME:** Foundations of Business

PREREQUISITE: None

COURSE #: 0300AA2

STATE COURSE CODE: 038100

DUAL CREDIT: No

This course develops basic student understanding and skills in the functions of marketing. Emphasis is placed on the impact of marketing activities on the individual, business, and society. Topics include market analysis, marketing information management, target customer identification, the development of marketing-mix strategies, and an in-depth look at the selling process.

NOTES:

▣ **COURSE NAME:** Principles of Business

PREREQUISITE: None

COURSE #: 0310AA1

STATE COURSE CODE: 030501

DUAL CREDIT: No

This one-semester course covers a service business organized as a sole proprietorship which will include accounting principles involved in the preparation and maintenance of financial records concerned with business management and operations. It is a comprehensive introduction to basic accounting including recording, summarizing and reporting, principles of income measurement and asset valuation, and accounting systems and controls. Students are exposed to careers in the accounting field and are given the opportunity to perform accounting applications using technology.

▣ **COURSE NAME:** Principles of Business

PREREQUISITE: None

COURSE #: 0310AA2

STATE COURSE CODE: 030502

DUAL CREDIT: No

This one-semester course will develop accounting skills that build upon those acquired in Accounting I. Students will continue to apply concepts of double-entry accounting systems related to a merchandising business organized as a corporation. Additional accounting skills will be developed, including preparing and journalizing payroll records, calculating, recording, and adjusting entries, and interpreting financial information. Students are given the opportunity to explore career-related skills and perform accounting applications using technology. Accounting 1 is a prerequisite to this course.

NOTES:

ENTREPRENEURSHIP

- **COURSE NAME:** Advanced Entrepreneurship

PREREQUISITE: Principles of Entrepreneurship

COURSE #: 0342AA1

STATE COURSE CODE: 032370

DUAL CREDIT: No

This course is designed to get students excited about becoming true entrepreneurs by giving them the opportunity to create and fully develop their own product or service. Real-world entrepreneurs and business experts serve as coaches and mentors, guiding student teams through the process of ideation, market research and business plan development.

- **COURSE NAME:** Advanced Entrepreneurship

PREREQUISITE: Principles of Entrepreneurship

COURSE #: 0342AA2

STATE COURSE CODE: 032370

DUAL CREDIT: No

This course is designed to get students excited about becoming true entrepreneurs by giving them the opportunity to create and fully develop their own product or service. Real-world entrepreneurs and business experts serve as coaches and mentors, guiding student teams through the process of ideation, market research and business plan development.

NOTES:

FINANCE

▫ **COURSE NAME:** Advanced Finance

PREREQUISITE: Principles of Business

COURSE #: 0343AA1

STATE COURSE CODE: 030503

DUAL CREDIT: No

This is a one-semester course that includes accounting for a merchandising business, adjustments in inventory control systems, and other general accounting adjustments. Accounting 1 and Accounting 2 are prerequisites to this course.

▫ **COURSE NAME:** Advanced Finance

PREREQUISITE: Principles of Business

COURSE #: 0343AA2

STATE COURSE CODE: 030504

DUAL CREDIT: No

This is a one-semester course that evaluates financial planning and decision-making for corporate and managerial accounting and other types of business. Accounting 1, Accounting 2, and Accounting 3 are prerequisites to this course.

NOTES:

ENGINEERING & ARCHITECTURE

▫ **COURSE NAME:** Foundations of Engineering & Technology

PREREQUISITE: None

COURSE #: 1004AA1

STATE COURSE CODE: 100161

DUAL CREDIT: No

Students dig deep into the engineering design process, applying math, science and engineering standards to hands-on projects.

▫ **COURSE NAME:** Foundations of Engineering & Technology

PREREQUISITE: None

COURSE #: 1004AA2

STATE COURSE CODE: 100161

DUAL CREDIT: No

Students dig deep into the engineering design process, applying math, science and engineering standards to hands-on projects.

NOTES:

ENGINEERING

□ **COURSE NAME:** Principles of Engineering

PREREQUISITE: Foundations of Engineering & Technology

COURSE #: 1091DA1

STATE COURSE CODE: 100160

DUAL CREDIT: No

Students explore a broad range of engineering topics as they develop skills in problem solving, research and design while learning strategies for design process documentation, collaboration and presentation.

□ **COURSE NAME:** Principles of Engineering

PREREQUISITE: Foundations of Engineering & Technology

COURSE #: 1091DA2

STATE COURSE CODE: 101901

DUAL CREDIT: No

Students explore a broad range of engineering topics as they develop skills in problem solving, research and design while learning strategies for design process documentation, collaboration and presentation.

NOTES:

ENGINEERING CONT'D

▫ **COURSE NAME:** Advanced Engineering

PREREQUISITE: Principles of Engineering

COURSE #: 1092DA1

STATE COURSE CODE: 100163

DUAL CREDIT: No

The knowledge and skills students acquire throughout the engineering pathway come together as they identify an issue and then research, design and test a solution, ultimately presenting their solution.

▫ **COURSE NAME:** Advanced Engineering

PREREQUISITE: Principles of Engineering

COURSE #: 1092DA2

STATE COURSE CODE: 100163

DUAL CREDIT: No

The knowledge and skills students acquire throughout the engineering pathway come together as they identify an issue and then research, design and test a solution, ultimately presenting their solution.

NOTES:

ARCHITECTURE & DESIGN

□ **COURSE NAME:** Advanced Architecture & Design

PREREQUISITE: Principles of Engineering

COURSE #: 1022DA1

STATE COURSE CODE: 100141

DUAL CREDIT: Yes

This course allows students to create working drawings for residential construction and systems that meet industry standards and codes. (Dual enrolled with CCC.)

□ **COURSE NAME:** Advanced Architecture & Design

PREREQUISITE: Principles of Engineering

COURSE #: 1022DA2

STATE COURSE CODE: 100141

DUAL CREDIT: Yes

This course allows students to create working drawings for residential construction and systems that meet industry standards and codes. (Dual enrolled with CCC.)

DUAL ENROLLMENT

GISH COURSE #	GISH COURSE	DUAL CREDIT PARTNER	SEMESTER OFFERED	COLLEGE COURSE #	COLLEGE COURSE NAME	CREDITS
2711DA1/2	<i>Principles of Information Technology</i>	Central Community College	Fall/ Spring	INFO1100	<i>Intro to Info Tech &</i>	3
				INFO1600	<i>Systems/IT Support/IT</i>	3
				INFO1670	<i>Essentials/CISCO I – Intro</i>	3
				INFO1760	<i>to Network Systems</i>	3
2712DA1/2	<i>Advanced Information Technology</i>	Central Community College	Fall/ Spring	INFO1770	<i>CISCO II – Routing &</i>	3
				INFO2720	<i>Switching Virtualization</i>	3

NOTES:

ALL MEDICAL SCIENCES PATHWAYS

▫ **COURSE NAME:** Foundations of Medical Sciences

PREREQUISITE: None

COURSE #: 0700AA1

STATE COURSE CODE: 077300

DUAL CREDIT: No

This course provides students with an overview of the career opportunities in the therapeutic, diagnostic support services, biotechnology research and health information pathways as well as become CPR/First Aid certified.

▫ **COURSE NAME:** Foundations of Medical Sciences

PREREQUISITE: None

COURSE #: 0700AA2

STATE COURSE CODE: 077301

DUAL CREDIT: No

This course provides students with an overview of the career opportunities in the therapeutic, diagnostic support services, biotechnology research and health information pathways as well as become CPR/First Aid certified.

NOTES:

□ **COURSE NAME:** Principles of Medical Sciences - Anatomy and Physiology

PREREQUISITE: None

COURSE #: 1359AA1

STATE COURSE CODE: 130210

DUAL CREDIT: No

This course provides an in-depth study of the human body including cells, tissues, and each of the major body systems. It is recommended for students wishing to pursue careers in health-related areas and for students who are interested in learning more about the human body.

□ **COURSE NAME:** Principles of Medical Sciences - Anatomy and Physiology

PREREQUISITE: None

COURSE #: 1359AA2

STATE COURSE CODE: 130210

DUAL CREDIT: No

This course provides an in-depth study of the human body including cells, tissues, and each of the major body systems. It is recommended for students wishing to pursue careers in health-related areas and for students who are interested in learning more about the human body.

NOTES:

SPORTS MEDICINE & THERAPY

□ **COURSE NAME:** Advanced Sports Medicine & Therapy

PREREQUISITE: Principles of Medical Sciences

COURSE #: 0722AA1

STATE COURSE CODE: 077900

DUAL CREDIT: No

This course provides students the opportunity to apply the skills and knowledge they have acquired throughout their pathway courses in a sports medicine/therapy setting.

□ **COURSE NAME:** Advanced Sports Medicine & Therapy

PREREQUISITE: Principles of Medical Sciences

COURSE #: 0722AA2

STATE COURSE CODE: 077900

DUAL CREDIT: No

This course provides students the opportunity to apply the skills and knowledge they have acquired throughout their pathway courses in a sports medicine/therapy setting.

NOTES:

HEALTHCARE

□ **COURSE NAME:** Advanced Healthcare - CNA

PREREQUISITE: Principles of Medical Sciences

COURSE #: 0713AA0

STATE COURSE CODE: 077400

DUAL CREDIT: Yes

This is a basic nursing knowledge and skills course for the nurse assistant in a health care setting. Students successfully completing the course will earn their CNA state board certification. (Dual enrolled with CCC.)

□ **COURSE NAME:** Advanced Healthcare - CMA

PREREQUISITE: Principles of Medical Sciences

COURSE #: 0714AA0

STATE COURSE CODE: 077401

DUAL CREDIT: Yes

This course provides students the necessary training in administering medications in a health care setting. Students successfully competing this course will earn their CMA state board certification. (Dual enrolled with CCC.)

□ **COURSE NAME:** Advanced Healthcare - Med Lab Tech

PREREQUISITE: Principles of Medical Sciences

COURSE #: 0715AA1/2

STATE COURSE CODE: 077446

DUAL CREDIT: Yes

This blended learning course will give students the skills and knowledge to be employed in a variety of medical facilities such as medical, clinical, research and public health laboratories. Students successfully completing the course will earn 14 college credits through CCC. Labs will be conducted up to twice a week on CCC's campus. (Dual enrolled with CCC.)

NOTES:

EMERGENCY SERVICES

□ **COURSE NAME:** Advanced Emergency Services

PREREQUISITE: Principles of Medical Sciences

COURSE #: 0732AA1

STATE COURSE CODE: 077402

DUAL CREDIT: Yes

This course teaches students basic emergency medical care and transportation of critical and emergent patients who access the emergency medical system. Students successfully completing this course will earn their EMT state board certification. (Dual enrolled with CCC.)

□ **COURSE NAME:** Advanced Emergency Services

PREREQUISITE: Principles of Medical Sciences

COURSE #: 0732AA2

STATE COURSE CODE: 077402

DUAL CREDIT: Yes

This course teaches students basic emergency medical care and transportation of critical and emergent patients who access the emergency medical system. Students successfully completing this course will earn their EMT state board certification. (Dual enrolled with CCC.)

NOTES:

ALL PATHWAYS

□ **COURSE NAME:** AMS Capstone

PREREQUISITE: Previous Pathway Courses

COURSE #: 0750AA0

STATE COURSE CODE: 320101

DUAL CREDIT: No

Students working through the Academy of Medical Sciences and Education will complete a one-semester Senior Capstone course that engages them in Work-Based Learning experiences and activities that prepare them to jump into the healthcare workforce or college degree during and after high school. Work-Based Learning experiences are co-planned between students and industry partners within Grand Island. During these experiences, students complete research, reflect on their experiences, and create a professional resume and cover letter, culminating in a presentation of their learning to industry partners within Grand Island. This is a blended course utilizing on-site Work-Based Learning, online activities, and in-class sessions.

NOTES:

EDUCATION

□ **COURSE NAME:** Foundations of Education

PREREQUISITE: None

COURSE #: 3500AA1

STATE COURSE CODE: 350001

DUAL CREDIT: No

Students taking Foundations of Education will develop an understanding of the history of education, studying how it's evolved into its current structure. To do this, they will look at past and present issues in education, along with characteristics of the modern classroom, which allows students to gather context necessary for becoming an effective teacher. Students will also examine the different responsibilities of today's educators: both ethical and social. Finally, as a part of this pathway, students can apply to the Educators Rising student organization. This organization allows other future teachers to network and study the educational world of today.

□ **COURSE NAME:** Foundations of Education

PREREQUISITE: None

COURSE #: 3500AA2

STATE COURSE CODE: 350001

DUAL CREDIT: Yes

Students taking Foundations of Education will develop an understanding of the history of education, studying how it's evolved into its current structure. To do this, they will look at past and present issues in education, along with characteristics of the modern classroom, which allows the students to gather context necessary for becoming an effective teacher. Students will also examine the different responsibilities of today's educators: both ethical and social. Finally, as a part of this pathway, students can apply to the Educators Rising student organization; this organization allows other future teachers to network and study the educational world of today.

NOTES:

□ **COURSE NAME:** Principles of Education

PREREQUISITE: Foundations of Education

COURSE #: 3501AA1

STATE COURSE CODE: 350002

DUAL CREDIT: Yes

Students taking Principles of Education will continue to develop a deeper understanding of the field of education. This course will explore how learning takes place, and study theories of development, psychology of learning, and best practices in instruction. Students will also gain practical knowledge by observing classrooms at all levels. By the end of the course, students will develop their own personal philosophy of education after consulting and interviewing educators.

□ **COURSE NAME:** Principles of Education

PREREQUISITE: Foundations of Education

COURSE #: 3501AA2

STATE COURSE CODE: 350002

DUAL CREDIT: Yes

Students taking Principles of Education will continue to develop a deeper understanding of the field of education. This course will explore how learning takes place, and study theories of development, psychology of learning, and best practices in instruction. Students will also gain practical knowledge by observing classrooms at all levels. By the end of the course, students will develop their own personal philosophy of education after consulting and interviewing educators.

NOTES:

EDUCATION CONT'D

□ **COURSE NAME:** Advanced Education

PREREQUISITE: Principles of Education

COURSE #: 3502AA1

STATE COURSE CODE: 350002

DUAL CREDIT: Yes

In Advanced Education, students will apply their foundational knowledge by studying lesson planning strategies and the different templates used in education; learning and implementing effective teaching strategies in real-life classrooms; communicating with peers, educators, and support services about relevant issues in classrooms; and creating their Capstone Project that can follow them post-secondary, either to an institution or to a career. Before graduating, students will revisit their personal philosophy of education, and learn more about organizations that support educators, such as the Student Education Association of Nebraska (SEAN), Educators Rising, and eventually the National Education Association (NEA).

□ **COURSE NAME:** Advanced Education

PREREQUISITE: Principles of Education

COURSE #: 3502AA2

STATE COURSE CODE: 350002

DUAL CREDIT: No

In Advanced Education, students will apply their foundational knowledge by studying lesson planning strategies and the different templates used in education; learning and implementing effective teaching strategies in real-life classrooms; communicating with peers, educators, and support services about relevant issues in classrooms; and creating their Capstone Project that can follow them post-secondary, either to an institution or to a career. Before graduating, students will revisit their personal philosophy of education, and learn more about organizations that support educators, such as the Student Education Association of Nebraska (SEAN), Educators Rising, and eventually the National Education Association (NEA).

NOTES:

AUTOMOTIVE

▣ **COURSE NAME:** Foundations of Automotive

PREREQUISITE: None

COURSE #: 1050AA1

STATE COURSE CODE: 100100

DUAL CREDIT: No

This course will provide students with basic knowledge and skills of the tools and systems needed to be an automotive technician. The student will create foundational knowledge and skills to prepare them for being a conscientious automotive owner or to further their skills to find a career in the automotive industry.

▣ **COURSE NAME:** Foundations of Automotive

PREREQUISITE: None

COURSE #: 1050AA2

STATE COURSE CODE: 100100

DUAL CREDIT: No

This course will provide students with basic knowledge and skills of the tools and systems needed to be an automotive technician. The student will create foundational knowledge and skills to prepare them for being a conscientious automotive owner or to further their skills to find a career in the automotive industry.

▣ **COURSE NAME:** Principles of Automotive

PREREQUISITE: Foundations of Automotive

COURSE #: 1051DA1

STATE COURSE CODE: 101620

DUAL CREDIT: Yes

This course will expand on the basic concepts and systems needed by the TDL technician. It will focus on service and maintenance of automobiles and mobile equipment. (Dual enrolled with CCC.)

NOTES:

□ **COURSE NAME:** Principles of Automotive

PREREQUISITE: Foundations of Automotive

COURSE #: 1051DA2

STATE COURSE CODE: 101620

DUAL CREDIT: Yes

This course will expand on the basic concepts and systems needed by the TDL technician. It will focus on service and maintenance of automobiles and mobile equipment. (Dual enrolled with CCC.)

□ **COURSE NAME:** Advanced Automotive

PREREQUISITE: Principles of Automotive

COURSE #: 1052DA1

STATE COURSE CODE: 101630

DUAL CREDIT: Yes

This course focuses on the diagnosis, service and repair of the automobile and mobile equipment. (Dual enrolled with CCC.)

□ **COURSE NAME:** Advanced Automotive

PREREQUISITE: Principles of Automotive

COURSE #: 1052DA2

STATE COURSE CODE: 101630

DUAL CREDIT: Yes

This course focuses on the diagnosis, service and repair of the automobile and mobile equipment. (Dual enrolled with CCC.)

NOTES:

CONSTRUCTION

□ **COURSE NAME:** Foundations of Construction

PREREQUISITE: None

COURSE #: 1010AA1

STATE COURSE CODE: 100100

DUAL CREDIT: No

This course provides an overview of construction materials, tools, and processes needed for a basic construction project. This course will lay the groundwork for higher-level construction projects and for careers in the construction industry.

□ **COURSE NAME:** Foundations of Construction

PREREQUISITE: None

COURSE #: 1010AA2

STATE COURSE CODE: 100100

DUAL CREDIT: No

This course provides an overview of construction materials, tools, and processes needed for a basic construction project. This course will lay the groundwork for higher-level construction projects and for careers in the construction industry.

□ **COURSE NAME:** Principles of Construction

PREREQUISITE: Foundations of Construction

COURSE #: 1011DA1

STATE COURSE CODE: 100110

DUAL CREDIT: Yes

This course provides an overview of the construction materials, tools and processes. (Dual enrolled with CCC.)

NOTES:

□ **COURSE NAME:** Principles of Construction

PREREQUISITE: Foundations of Construction

COURSE #: 1011DA2

STATE COURSE CODE: 100110

DUAL CREDIT: Yes

This course provides an overview of the construction materials, tools and processes. (Dual enrolled with CCC.)

□ **COURSE NAME:** Advanced Construction

PREREQUISITE: Principles of Construction

COURSE #: 1012DA1

STATE COURSE CODE: 100120

DUAL CREDIT: Yes

This course is designed for the student pursuing a career as a construction professional and combines technical skills with planning and management to prepare the student for all stages of a project. (Dual enrolled with CCC.)

□ **COURSE NAME:** Advanced Construction

PREREQUISITE: Principles of Construction

COURSE #: 1012DA2

STATE COURSE CODE: 100120

DUAL CREDIT: Yes

This course is designed for the student pursuing a career as a construction professional and combines technical skills with planning and management to prepare the student for all stages of a project. (Dual enrolled with CCC.)

NOTES:

MANUFACTURING

□ **COURSE NAME:** Foundations of Manufacturing

PREREQUISITE: None

COURSE #: 1040AA1

STATE COURSE CODE: 100100

DUAL CREDIT: No

In this course, students will be introduced to the basic manufacturing process in metal. An emphasis will be placed on safe tool and machine usage as well as reading plans and using materials to take a project from conception to reality.

□ **COURSE NAME:** Foundations of Manufacturing

PREREQUISITE: None

COURSE #: 1040AA1

STATE COURSE CODE: 100100

DUAL CREDIT: No

In this course, students will be introduced to the basic manufacturing process in metal. An emphasis will be placed on safe tool and machine usage as well as reading plans and using materials to take a project from conception to reality.

NOTES:

□ **COURSE NAME:** Principles of Manufacturing

PREREQUISITE: Foundations of Manufacturing

COURSE #: 1041DA1

STATE COURSE CODE: 101400

DUAL CREDIT: Yes

Students will utilize tools and equipment to produce parts and projects within specifications using metal. (Dual enrolled with CCC.)

□ **COURSE NAME:** Principles of Manufacturing

PREREQUISITE: Foundations of Manufacturing

COURSE #: 1041DA2

STATE COURSE CODE: 101400

DUAL CREDIT: Yes

Students will utilize tools and equipment to produce parts and projects within specifications using metal. (Dual enrolled with CCC.)

NOTES:

MANUFACTURING CONT'D

□ **COURSE NAME:** Advanced Manufacturing

PREREQUISITE: Principles of Manufacturing

COURSE #: 1042DA1

STATE COURSE CODE: 101402

DUAL CREDIT: Yes

Students will use advanced tools and equipment (CNC) to produce parts and projects to industry standards and specifications. (Dual enrolled with CCC.)

□ **COURSE NAME:** Advanced Manufacturing

PREREQUISITE: Principles of Manufacturing

COURSE #: 1042DA2

STATE COURSE CODE: 101402

DUAL CREDIT: Yes

Students will use advanced tools and equipment (CNC) to produce parts and projects to industry standards and specifications. (Dual enrolled with CCC.)

NOTES:

DUAL ENROLLMENT

GISH COURSE #	GISH COURSE	DUAL CREDIT PARTNER	SEMESTER OFFERED	COLLEGE COURSE #	COLLEGE COURSE NAME	CREDITS
1011DA1/2	<i>Principles of Construction</i>	Central Community College	Fall/ Spring/ Spring	CNST1200	<i>Construction Safety/</i>	1
				CNST1400	<i>Residential Components/</i>	2
				CNST1500	<i>Residential Framing</i>	3
1012DA1/2	<i>Advanced Construction</i>	Central Community College	Fall/ Spring	CNST1600	<i>Residential Exteriors/</i>	3
				CNST1700	<i>Residential Interiors</i>	3
1021DA1/2	<i>Principles of Architecture & Design</i>	WSC	Fall/ Fall/ Spring/ Spring	DSGN1020	<i>CAD Fundamentals/</i>	3
				DSGN1610	<i>Architectural Design/</i>	3
				DSGN1040	<i>Construction Codes &</i>	3
				DSGN1620	<i>Blueprints/Building Elements</i>	3
1022DA1/2	<i>Advanced Architecture & Design</i>	WSC	Fall/ Fall/ Spring	DSGN1200	<i>Structural Steel Detailing I/Mfg</i>	3
				DSGN1400	<i>Design Documentation/</i>	3
				DSGN2640	<i>Parametric Design in Revit</i>	3
1041DA1/2	<i>Principles of Manufacturing</i>	Central Community College	Fall/ Spring	AMDT1010	<i>Precision Measurement &</i>	3
				AMDT1030	<i>Safety/Manual Machining</i>	3
1042DA1/2	<i>Advanced Manufacturing</i>	Central Community College	Fall/ Spring	AMDT1000	<i>Blueprint Reading/</i>	3
				AMDT1080	<i>Intro to CNC</i>	3
1051DA1/2	<i>Principles of Automotive</i>	Central Community College	Fall/ Fall/ Spring	AUTO1000	<i>Basic Shop Practices/Basic</i>	2
				AUTO1020	<i>Shop Practices – Fasteners/</i>	2
				AUTO1100	<i>Auto Electrical Systems I</i>	3
1052DA1/2	<i>Advanced Automotive</i>	Central Community College	Fall/ Spring	AUTO1200	<i>Manual Transmissions &</i>	2
				AUTO1800	<i>Clutches/Brakes, Steering, Susp., Align, Tire I</i>	3
1061DA1/2	<i>Principles of Welding</i>	Central Community College	Fall/ Fall/ Spring/ Spring	WELD1250	<i>Blueprint Reading/</i>	3
				WELD1450	<i>Gas Metal Arc Welding I/</i>	3
				WELD1460	<i>Gas Metal Arc Welding II/</i>	2
				WELD2480	<i>Flux-Cored & Submerged Arc Weld</i>	3
1062DA1/2	<i>Advanced Welding</i>	Central Community College	Fall/ Fall/ Spring/ Spring	WELD1300	<i>Oxyacetylene Welding I/</i>	3
				WELD1470	<i>Shield Metal Arc Welding I/</i>	3
				WELD1320	<i>Shield Metal Arc Welding II/</i>	2
				WELD1500	<i>Gas Tungsten Arc Welding I</i>	3

NOTES:

ATHLETICS



Athletic
Training

Baseball

Boys & Girls
Basketball

Boys & Girls
Bowling

Boys & Girls
Cross Country

Boys & Girls
Golf

Boys & Girls
Soccer

Boys & Girls
Tennis

Boys & Girls
Track

Boys & Girls
Wrestling

Cheerleading

Esports

Flag
Corps

Football

GI Dance
Team

Islander
Power

Softball

Swimming

Trap
Team

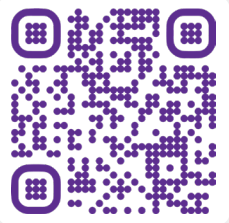
Unified
Bowling

Unified
Track & Field

Volleyball



Scan for
More Info!



NCAA ELIGIBILITY REQUIREMENTS

DIVISION I ACADEMIC REQUIREMENTS

To study and compete at a **Division I school**, you must earn 16 NCAA-approved **core-course credits**, earn a minimum 2.3 **core-course GPA** and submit your final transcript with proof of graduation to the Eligibility Center.



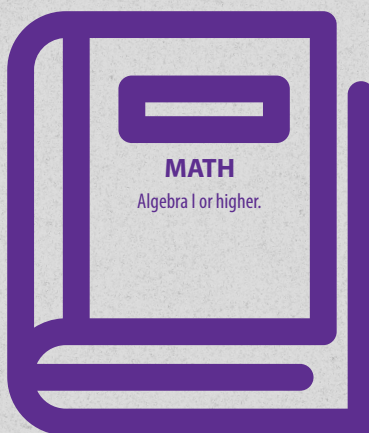
CORE-COURSE REQUIREMENTS

Earn 16 NCAA-approved core-course credits in the following areas:



ENGLISH

4 years



MATH

Algebra I or higher.

3 years



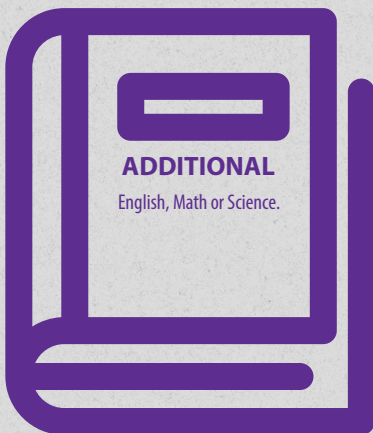
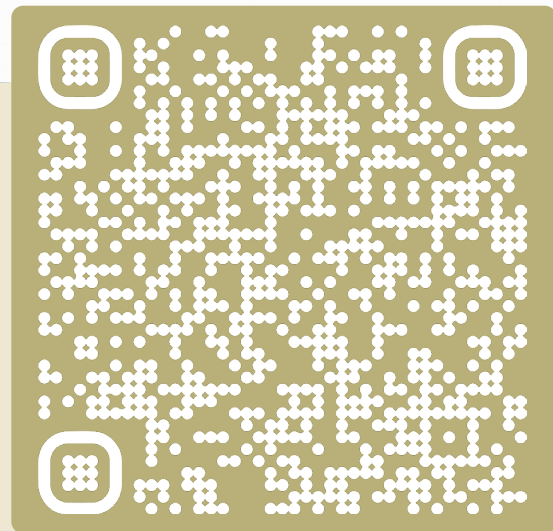
SCIENCE

Including one year of lab, if offered.

2 years

For Division I, 10 of your 16 NCAA-approved core-course credits must be completed before the start of your seventh semester, including seven in English, math or science.

For more NCAA Information **Scan QR Code** listed below!



1 year



2 years



4 years

*Some online or course recovery courses at GIPS may not meet NCAA specifications.

NAIA ELIGIBILITY REQUIREMENTS

If you are interested in competing in NAIA sports, you need to register with the NAIA Eligibility Center at <https://play.mynaia.org/> to make sure you meet eligibility standards.

NAIA FRESHMAN ELIGIBILITY REQUIREMENTS

If you will graduate from a U.S. high school and enroll in college the following fall, the requirements are simple. An entering Freshman must:

- Be a graduate of an accredited high school.
- Must graduate with a 2.3+ GPA or meet two of the following requirements:
 - Achieve a minimum of 18 on the ACT or 970 on the SAT.
 - Achieve a minimum overall high school GPA of 2.0 on a 4.0 scale.
 - Graduate in the top half of your high school class.



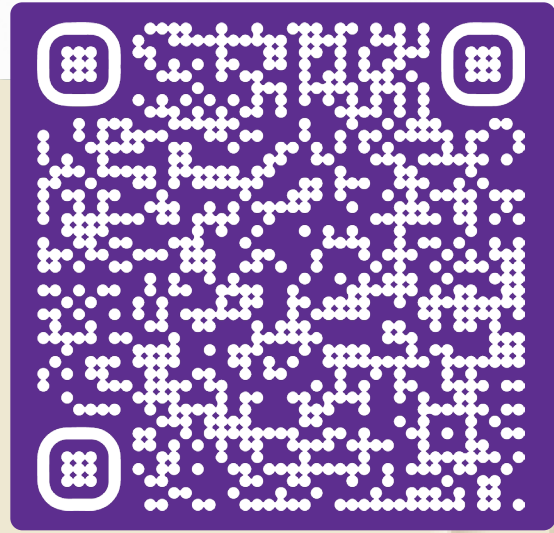
MID-YEAR ELIGIBILITY OPPORTUNITY

If you do not meet requirements for entering freshman, you can satisfy one of the initial requirements in addition to earning 12 institutional credits hours with a grade of "C" or better during your first term of attendance at your NAIA school to be eligible.

LEARNING DISABILITIES

Students with diagnosed learning disabilities, who do not meet the Freshman eligibility requirements, may have their academic profiles reviewed by the NAIA Learning Disability Advisory Committee at the request of an NAIA institution. The LADC will then provide recommendations to the National Eligibility Committee to assist with the final decision.

For more NAIA information [Scan QR Code](#) listed below!



Goals



DO IT



MATH COURSES

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>Algebra I</i>	Academy of Freshman Exploration	1101AA1	110300	Yes	No	Students work with data to make one and two variable equations, in linear, quadratic, and exponential form. These equations are used to make equivalent expressions and inequalities that will be graphed and analyzed using various methods of computation to develop quantitative reasoning skills.
<i>Algebra I</i>	Academy of Freshman Exploration	1101AA2	110300	Yes	No	Students work with data to make one and two variable equations, in linear, quadratic, and exponential form. These equations are used to make equivalent expressions and inequalities that will be graphed and analyzed using various methods of computation to develop quantitative reasoning skills.
<i>Geometry Honors*</i>	Academy of Freshman Exploration	1102AD1	111200	Yes	No	Students apply understanding of rigid transformations and dilations to similar and congruent figures, eventually building into work with right triangles using Pythagorean Theorem and trigonometry. Students develop the processes to reason and understand various properties of lines, two dimensional, and three dimensional objects that includes a focus on angle relationships, measurements, area, and volume, and students apply them to solve real world problems. Throughout the course, students implement inductive and deductive reasoning to explain and justify conclusions they make in regards to said properties. Honors courses will address the standards based guaranteed and viable curriculum and will require extended opportunities to include reading, writing, speaking, and in-depth application of knowledge and skills. Geometry Honors within the Academy of Freshman Exploration is for students who are accelerated in mathematics and intend to take Calculus.

NOTES

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>Geometry Honors*</i>	Academy of Freshman Exploration	1102AD2	111200	Yes	No	Students apply understanding of rigid transformations and dilations to similar and congruent figures, eventually building into work with right triangles using Pythagorean Theorem and trigonometry. Students develop the processes to reason and understand various properties of lines, two dimensional, and three dimensional objects that includes a focus on angle relationships, measurements, area, and volume, and students apply them to solve real world problems. Throughout the course, students implement inductive and deductive reasoning to explain and justify conclusions they make in regards to said properties. Honors courses will address the standards based guaranteed and viable curriculum and will require extended opportunities to include reading, writing, speaking, and in depth application of knowledge and skills. Geometry Honors within the Academy of Freshman Exploration is for students who are accelerated in mathematics and intend to take Calculus.
<i>Algebra I</i>	Must have been part of Walnut DLP program and taken 9th Pre-Algebra	1110AF1	110300	Yes	No	Students work with data to make one and two variable equations, in linear, quadratic, and exponential form. These equations are used to make equivalent expressions and inequalities that will be graphed and analyzed using various methods of computation to develop quantitative reasoning skills.
<i>Algebra I</i>	Must have been part of Walnut DLP program and taken 9th Pre-Algebra	1110AF2	110300	Yes	No	Students work with data to make one and two variable equations, in linear, quadratic, and exponential form. These equations are used to make equivalent expressions and inequalities that will be graphed and analyzed using various methods of computation to develop quantitative reasoning skills.
<i>Geometry</i>	None	1116AA1	111200	Yes	No	Students apply understanding of rigid transformations and dilations to similar and congruent figures, eventually building into work with right triangles using Pythagorean Theorem and trigonometry. Students develop the processes to reason and understand various properties of lines, two dimensional, and three dimensional objects that includes a focus on angle relationships, measurements, area, and volume, and students apply them to solve real world problems. Throughout the course, students implement inductive and deductive reasoning to explain and justify conclusions they make in regards to said properties.

**Honors courses will address the standards-based guaranteed and viable curriculum and will require extended opportunities to include reading, writing, speaking, and in-depth application of knowledge and skills.*

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>Geometry</i>	None	1116AA2	111200	Yes	No	Students apply understanding of rigid transformations and dilations to similar and congruent figures, eventually building into work with right triangles using Pythagorean Theorem and trigonometry. Students develop the processes to reason and understand various properties of lines, two dimensional, and three dimensional objects that includes a focus on angle relationships, measurements, area, and volume, and students apply them to solve real world problems. Throughout the course, students implement inductive and deductive reasoning to explain and justify conclusions they make in regards to said properties.
<i>Geometry Honors*</i>	Grades 10-12	1116AD1	111200	Yes	No	Students apply understanding of rigid transformations and dilations to similar and congruent figures, eventually building into work with right triangles using Pythagorean Theorem and trigonometry. Students develop the processes to reason and understand various properties of lines, two dimensional, and three dimensional objects that includes a focus on angle relationships, measurements, area, and volume, and students apply them to solve real world problems. Throughout the course, students implement inductive and deductive reasoning to explain and justify conclusions they make in regards to said properties. Honors courses will address the standards based guaranteed and viable curriculum and will require extended opportunities to include reading, writing, speaking, and in depth application of knowledge and skills.
<i>Geometry Honors*</i>	Grades 10-12	1116AD2	111200	Yes	No	Students apply understanding of rigid transformations and dilations to similar and congruent figures, eventually building into work with right triangles using Pythagorean Theorem and trigonometry. Students develop the processes to reason and understand various properties of lines, two dimensional, and three dimensional objects that includes a focus on angle relationships, measurements, area, and volume, and students apply them to solve real world problems. Throughout the course, students implement inductive and deductive reasoning to explain and justify conclusions they make in regards to said properties. Honors courses will address the standards based guaranteed and viable curriculum and will require extended opportunities to include reading, writing, speaking, and in depth application of knowledge and skills.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>Algebra II</i>	None	1112AA1	110306	Yes	No	Students extend their understanding of Algebra 1 concepts to further understand absolute value, quadratic, exponential, polynomial, rational, and radical functions. Students use these functions to model situations, graph, and solve equations or inequalities. This includes solving equations over the complex number system and using properties of logarithms to solve exponential equations.
<i>Algebra II</i>	None	1112AA2	110306	Yes	No	Students extend their understanding of Algebra 1 concepts to further understand absolute value, quadratic, exponential, polynomial, rational, and radical functions. Students use these functions to model situations, graph, and solve equations or inequalities. This includes solving equations over the complex number system and using properties of logarithms to solve exponential equations.
<i>Algebra II Honors*</i>	None	1112AD1	110306	Yes	No	Students extend their understanding of Algebra 1 concepts to further understand absolute value, quadratic, exponential, polynomial, rational, and radical functions. Students use these functions to model situations, graph, and solve equations or inequalities. This includes solving equations over the complex number system and using properties of logarithms to solve exponential equations. Honors courses will address the standards based guaranteed and viable curriculum and will require extended opportunities to include reading, writing, speaking, and in depth application of knowledge and skills.
<i>Algebra II Honors*</i>	None	1112AD2	110306	Yes	No	Students extend their understanding of Algebra 1 concepts to further understand absolute value, quadratic, exponential, polynomial, rational, and radical functions. Students use these functions to model situations, graph, and solve equations or inequalities. This includes solving equations over the complex number system and using properties of logarithms to solve exponential equations. Honors courses will address the standards based guaranteed and viable curriculum and will require extended opportunities to include reading, writing, speaking, and in depth application of knowledge and skills.

**Honors courses will address the standards based guaranteed and viable curriculum and will require extended opportunities to include reading, writing, speaking, and in depth application of knowledge and skills.*

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>Prob & Stats</i>	None	1113AA1	111700	Yes	No	Students identify different types of sampling methods, describe and graph different sets of data, and graph and describe bivariate data. Students can use probability and probability distributions to solve real world examples. Students can recognize when data is normally distributed and make inferences about it. Students also solve problems using discrete mathematical topics.
<i>Prob & Stats</i>	None	1113AA2	111700	Yes	No	Students identify different types of sampling methods, describe and graph different sets of data, and graph and describe bivariate data. Students can use probability and probability distributions to solve real world examples. Students can recognize when data is normally distributed and make inferences about it. Students also solve problems using discrete mathematical topics.
<i>Pre Calculus</i>	None	1114AA1	111300	Yes	No	Students use technology tools to build on their understanding of Algebra 2 concepts including characteristics of exponential functions, logarithmic functions, rational functions, and the conic sections. Trigonometry of the unit circle is developed extensively in order to prove trigonometric identities, and solve trigonometric equations that require factoring. Probability, basic statistics (including standard deviation and the normal curve), parametric equations, and polar coordinates/functions are also introduced.
<i>Pre Calculus Honors*</i>	None	1114AD1	111300	Yes	No	Students use technology tools to build on their understanding of Algebra 2 concepts including characteristics of exponential functions, logarithmic functions, rational functions, and the conic sections. Trigonometry of the unit circle is developed extensively in order to prove trigonometric identities, and solve trigonometric equations that require factoring. Probability, basic statistics (including standard deviation and the normal curve), parametric equations, and polar coordinates/functions are also introduced.

NOTES

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>Pre Calculus Honors*</i>	None	1114AD1	111300	Yes	No	Students use technology tools to build on their understanding of Algebra 2 concepts including characteristics of exponential functions, logarithmic functions, rational functions, and the conic sections. Trigonometry of the unit circle is developed extensively in order to prove trigonometric identities, and solve trigonometric equations that require factoring. Probability, basic statistics (including standard deviation and the normal curve), parametric equations, and polar coordinates/ functions are also introduced. Honors courses will address the standards based guaranteed and viable curriculum and will require extended opportunities to include reading, writing, speaking, and in depth application of knowledge and skills.
<i>AP Calculus AB</i>	None	1116AC1	110620	Yes	No	Students apply topics of algebra, trigonometry, and analytical geometry into the fields of differential and integral calculus. Topics include conics, limits, continuity, derivatives, applications of differentials, the definite integral, trigonometric and exponential functions, vectors, methods of integration, and applications of the integral. Students will be required to take the AP Exam at the conclusion of this course.
<i>AP Calculus AB</i>	None	1116AC2	110620	Yes	Yes	Students apply topics of algebra, trigonometry, and analytical geometry into the fields of differential and integral calculus. Topics include conics, limits, continuity, derivatives, applications of differentials, the definite integral, trigonometric and exponential functions, vectors, methods of integration, and applications of the integral. Students will be required to take the AP Exam at the conclusion of this course.
<i>AP Calculus BC</i>	AP Calculus AB	1117AC1	110621	Yes	No	Students extend their learning from AP Calculus AB into additional calculus topics included in the AP Calculus BC program, such as advanced techniques of integration, sequences and series, Taylor Polynomials and the calculus of parametric and polar functions. Students will be required to take the AP Exam at the conclusion of this course.

NOTES

**Honors courses will address the standards-based guaranteed and viable curriculum and will require extended opportunities to include reading, writing, speaking, and in-depth application of knowledge and skills.*

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>AP Calculus BC</i>	AP Calculus AB	1117AC2	110621	Yes	No	Students extend their learning from AP Calculus AB into additional calculus topics included in the AP Calculus BC program, such as advanced techniques of integration, sequences and series, Taylor Polynomials and the calculus of parametric and polar functions. Students will be required to take the AP Exam at the conclusion of this course.
<i>AP Statistics</i>	None	1118AC1	111720	Yes	No	Students learn about major concepts and tools for collecting, analyzing and drawing conclusions from data. Students also explore four broad conceptual themes: exploring data for patterns and departures, planning and conducting a study, exploring random phenomena using probability and simulation, and estimating population parameters and testing. Students will be required to take the AP Exam at the conclusion of this course.
<i>AP Statistics</i>	None	1118AC2	111720	Yes	Yes	Students learn about major concepts and tools for collecting, analyzing and drawing conclusions from data. Students also explore four broad conceptual themes: exploring data for patterns and departures, planning and conducting a study, exploring random phenomena using probability and simulation, and estimating population parameters and testing. Students will be required to take the AP Exam at the conclusion of this course.
<i>Pre-Algebra</i>	Must have been enrolled in Walnut DLP Math	1114AD1	111300	No	No	Students build an understanding of foundational algebraic concepts including characteristics of linear equations, strategies for solving multi-step equations, and fluency around rational number operations. Students discuss and refine their ideas as they work through mental mathematics activities, written puzzles, spoken dialogues, and hands-on explorations that engage them in cultivating mathematical knowledge, intuition, and skills.
<i>Pre-Algebra</i>	Must have been enrolled in Walnut DLP Math	1123AA2	110299	No	No	Students build an understanding of foundational algebraic concepts including characteristics of linear equations, strategies for solving multi-step equations, and fluency around rational number operations. Students discuss and refine their ideas as they work through mental mathematics activities, written puzzles, spoken dialogues, and hands-on explorations that engage them in cultivating mathematical knowledge, intuition, and skills.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>College Prep 1</i>	None	1141AA1	119930	Yes	No	Students in this course participate in the Nebraska Math Readiness Project online curriculum facilitated by a GISH math instructor providing a bridge to success for high school juniors or seniors before entering and completing a college-level math course. Students take this one semester course after successful completion of College Prep 1, and topics include positive and negative real numbers, solving and graphing linear equations and inequalities, applications of linear equations, integer exponents, and operations with polynomials.
<i>College Prep 2</i>	College Prep 1	1141AA2	119931	No	No	Seniors in this course participate in the Nebraska Math Readiness Project online curriculum facilitated by a GISH math instructor. Students explore content required in career/technical fields and related to arithmetic operations, exponents, algebraic operations, and right triangle trigonometry with emphasis placed on applications. Seniors may take this course after successful completion of College Prep 1, and upon completion, students have the course transcribed with Central Community College as MATH 1020.
<i>Technical Math CCC</i>	College Prep 1	1142AA0	119932	No	Yes	Seniors in this course participate in the Nebraska Math Readiness Project online curriculum facilitated by a GISH math instructor. Students explore content focused on linear and quadratic equations and inequalities in one and two variables, absolute value equations and inequalities, factoring, rational expressions, radicals and exponents, systems, and word problems. Seniors may take this course after successful completion of College Prep 1 and 2, and upon completion, students have the course transcribed with Central Community College as MATH 1140.
<i>Intermediate Algebra CCC</i>	College Prep 1 & 2	1143AA0	119932	No	Yes	Seniors in this course participate in the Nebraska Math Readiness Project online curriculum facilitated by a GISH math instructor. Students explore content focused on linear and quadratic equations and inequalities in one and two variables, absolute value equations and inequalities, factoring, rational expressions, radicals and exponents, systems, and word problems. Seniors may take this course after successful completion of College Prep 1 and 2, and upon completion, students have the course transcribed with Central Community College as MATH 1140.

ENGLISH LANGUAGE ARTS COURSES

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>English I</i>	None	0501AA1	050021	Yes	No	This course is an integrated study of writing fundamentals, reading development, conventions and knowledge of Standard English, vocabulary acquisition and use, and speaking and listening skills through various types of literature.
<i>English I</i>	None	0501AA2	050021	Yes	No	This course is an integrated study of writing fundamentals, reading development, conventions and knowledge of Standard English, vocabulary acquisition and use, and speaking and listening skills through various types of literature.
<i>English I Honors*</i>	None	0501AD1	050021	Yes	No	This course is a rigorous study of both classic and contemporary literature. Major emphasis is placed on development of effective writing skills, literary analysis, college preparatory speaking and listening, and study skills.
<i>English I Honors*</i>	None	0501AD2	050021	Yes	No	This course is a rigorous study of both classic and contemporary literature. Major emphasis is placed on development of effective writing skills, literary analysis, college preparatory speaking and listening, and study skills.
<i>English I</i>	None	0502AA1	050021	Yes	No	This course is an integrated study of writing fundamentals, reading development, and speaking and listening skills through various types of literature.
<i>English I</i>	None	0502AA2	050021	Yes	No	This course is an integrated study of writing fundamentals, reading development, and speaking and listening skills through various types of literature.
<i>English II</i>	None	0503AA1	050022	Yes	No	This course is a study of classic and contemporary literature along with development of reading, writing, speaking, listening, and research skills.
<i>English II</i>	None	0503AA2	050022	Yes	No	This course is a study of classic and contemporary literature along with development of reading, writing, speaking, listening, and research skills.
<i>English II Honors*</i>	Excelled in English I or English I Honors	0503AD1	050022	Yes	No	This honors course is a rigorous study of both classic and contemporary literature. Major emphasis is placed on development of effective expository writing skills, literary analysis, college preparatory speaking and listening, and study skills.
<i>English II Honors*</i>	Excelled in English I or English I Honors	0503AD2	050022	Yes	No	This honors course is a rigorous study of both classic and contemporary literature. Major emphasis is placed on development of effective expository writing skills, literary analysis, college preparatory speaking and listening, and study skills.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>English III</i>	None	0504AA1	050023	Yes	No	This course is an integrated study of American literature with concentrated efforts in persuasive writing along with development of reading, speaking, listening, and research skills.
<i>English III</i>	None	0504AA2	050023	Yes	No	This course is an integrated study of American literature with concentrated efforts in persuasive writing along with development of reading, speaking, listening, and research skills.
<i>English IV</i>	None	0505AA1	050024	Yes	No	This course is a study of British literature with concentrated efforts in business and research writing along with development of reading, speaking, listening, and research skills. This course challenges students in preparation for the rigors of post-secondary education or careers.
<i>English IV</i>	None	0505AA2	050024	Yes	No	This course is a study of British literature with concentrated efforts in business and research writing along with development of reading, speaking, listening, and research skills. This course challenges students in preparation for the rigors of post-secondary education or careers.
<i>AP English Language & Comp</i>	Excelled in English II or English II Honors	0508AC1	050500	Yes	No	An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. Students will be required to take the AP Exam at the conclusion of this course.
<i>AP English Language & Comp</i>	Excelled in English II or English II Honors	0508AC2	050500	Yes	Yes	An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. Students will be required to take the AP Exam at the conclusion of this course.

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COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>AP English Lit and Comp</i>	Excelled in English II or English II Honors	0509AC1	050051	Yes	No	An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. Students will be required to take the AP Exam at the conclusion of this course.
<i>AP English Lit and Comp</i>	Excelled in English II or English II Honors	0509AC2	050051	Yes	Yes	An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. Students will be required to take the AP Exam at the conclusion of this course.
<i>Journalism I</i>	None	0513AA1	050401	No	No	Students will learn the basic techniques of interviewing, writing, editing, layout and design, photography, and ethical aspects of journalism. The course will entail an in-depth study of each area of journalism: yearbook, newspaper, radio and television as well as journalism as a career. Students will be expected to learn and follow AP Style in their writing as that is the style used in college and in media positions.
<i>Journalism I</i>	None	0513AA2	050401	No	No	Students will learn the basic techniques of interviewing, writing, editing, layout and design, photography, and ethical aspects of journalism. The course will entail an in-depth study of each area of journalism: yearbook, newspaper, radio and television as well as journalism as a career. Students will be expected to learn and follow AP Style in their writing as that is the style used in college and in media positions.
<i>Journalism II - Newspaper</i>	Journalism I	0514AA1	050402	No	No	Students will produce the school newspaper and compete in the state contest. Weekly work includes writing, editing stories, taking pictures and designing graphic elements, selling ads, and managing billing. Students will be expected to learn and follow AP writing style and to have their assignments in by deadline or they will not pass the assignment.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>Journalism II - Newspaper</i>	Journalism I	0514AA2	050402	No	No	Students will produce the school newspaper and compete in the state contest. Weekly work includes writing, editing stories, taking pictures and designing graphic elements, selling ads, and managing billing. Students will be expected to learn and follow AP writing style and to have their assignments in by deadline or they will not pass the assignment.
<i>Journalism II - Yearbook</i>	Journalism I	0515AA1	050402	No	No	Students will plan, design and produce the school's yearbook. Students will be involved in writing, interviewing, taking photographs, selling advertisements and selling yearbooks.
<i>Journalism II - Yearbook</i>	Journalism I	0515AA2	050402	No	No	Students will plan, design and produce the school's yearbook. Students will be involved in writing, interviewing, taking photographs, selling advertisements and selling yearbooks.
<i>Personal Communication</i>	None	0516AA0	050505	No	No	This course teaches you the skills of conversation, listening, critical thinking and self-awareness often used in non-verbal, cultural, business and legal communication. Learn how males and females communicate differently, tips on interpreting social cues, strategies for managing conflict and methods of leadership. Polish your communication in families, jobs, academic activities and relationships; all which help you to be successful in the world today.

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SOCIAL STUDIES COURSES

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>American History</i>	Academy of Freshman Exploration	1501AA1	150820	Yes	No	This course will examine the changes in political, economic, social and cultural institutions in America. The course is designed to give students an understanding of current institutions and practices by examining our nations history from the beginning of the Progressive Era to present day.
<i>American History</i>	Academy of Freshman Exploration	1501AA2	150820	Yes	No	This course will examine the changes in political, economic, social and cultural institutions in America. The course is designed to give students an understanding of current institutions and practices by examining our nations history from the beginning of the Progressive Era to present day.
<i>American History Honors*</i>	Academy of Freshman Exploration	1501AD1	150820	Yes	No	This course will examine the changes in political, economic, social, and cultural institutions in America. The course is designed to give students an understanding of current institutions and practices by examining our nations history at the turn of the 20th century to the present day.
<i>American History Honors*</i>	Academy of Freshman Exploration	1501AD2	150820	Yes	No	This course will examine the changes in political, economic, social, and cultural institutions in America. The course is designed to give students an understanding of current institutions and practices by examining our nations history at the turn of the 20th century to the present day.
<i>World History</i>	None	1503AA1	150800	Yes	No	The study of human events and activities from the post-Roman era to the present with a focus on the international events and forces that have shaped our modern world.
<i>World History</i>	None	1503AA2	150800	Yes	No	The study of human events and activities from the post-Roman era to the present with a focus on the international events and forces that have shaped our modern world.
<i>Economics</i>	None	1504AA0	151000	Yes	No	A study of basic economic principles and knowledge with a focus on personal finance needed to function effectively in the U.S. economy.
<i>American Government</i>	None	1505AA0	151110	Yes	No	American Government is a survey course that provides students an analytical approach to government and politics in the United States. With this study, students will grasp an understanding of institutions, groups and beliefs that compromise the American political system. The study of concepts and analysis of specific examples will provide students a profound perspective detailing American citizenship.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>Social Psychology</i>	None	1506AA1	151200	No	No	Students will examine the history and methods of psychology, the basic functions of the human mind, and schools of psychological thought. The course will explore thought and behavior as well as disorders and treatment. These topics will be evaluated from both individual and social perspectives.
<i>Social Psychology</i>	None	1506AA2	151300	No	No	Students will examine the history and methods of psychology, the basic functions of the human mind, and schools of psychological thought. The course will explore thought and behavior as well as disorders and treatment. These topics will be evaluated from both individual and social perspectives.
<i>AP World History</i>	Advanced reading and writing skills	1509AC1	150805	Yes	Yes	Advanced Placement World History is taught according to a teacher submitted syllabus approved and audited by the AP College Board. AP World History is a college-level survey course that covers 8,000 years of all known history. It is intended to develop greater understanding of the historical development of global processes. Over sixty percent of the course content is non-western history. Students have the opportunity to earn dual credit with Wayne St. College in this course. Students will be required to take the AP Exam at the conclusion of this course.
<i>AP World History</i>	Advanced reading and writing skills	1509AC2	150805	Yes	Yes	Advanced Placement World History is taught according to a teacher submitted syllabus approved and audited by the AP College Board. AP World History is a college-level survey course that covers 8,000 years of all known history. It is intended to develop greater understanding of the historical development of global processes. Over sixty percent of the course content is non-western history. Students have the opportunity to earn dual credit with Wayne St. College in this course. Students will be required to take the AP Exam at the conclusion of this course.
<i>AP Government</i>	Advanced reading and writing skills	1510AC1	151113	Yes	Yes	Advanced Placement American Government is taught according to a teacher submitted syllabus approved and audited by the AP College Board. This course will be offered as a one-semester class that will enable students to understand how the government of the United States is structured and how it functions. Students will be required to take the AP Exam at the conclusion of this course.

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COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>AP Government</i>	Advanced reading and writing skills	1510AC2	151113	Yes	Yes	Advanced Placement American Government is taught according to a teacher submitted syllabus approved and audited by the AP College Board. This course will be offered as a one-semester class that will enable students to understand how the government of the United States is structured and how it functions. Students will be required to take the AP Exam at the conclusion of this course.
<i>AP Psychology</i>	Advanced reading and writing skills, Successful completion of Social Psychology is recommended	1513AC1	151210	No	No	This course is an introductory college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Students will be required to take the AP Exam at the conclusion of this course.
<i>AP Psychology</i>	Advanced reading and writing skills, Successful completion of Social Psychology is recommended	1513AC2	151210	No	No	This course is an introductory college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Students will be required to take the AP Exam at the conclusion of this course.

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COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>AP Macroeconomics</i>	Advanced reading and writing skills	0333AC0	038500	Yes	No	Advanced Placement Macroeconomics is taught according to a teacher submitted syllabus approved and audited by the AP College Board. Students study foundation concepts in economics, measurements of economic variables, policy options including classical viewpoints, monetary policy and fiscal policy as well as the basics of international trade. In addition students examine current and historical economic issues. Students are strongly encouraged to take the AP exam. Students will be required to take the AP Exam at the conclusion of this course.
<i>AP Microeconomics</i>	Advanced reading and writing skills	0334AC0	038501	Yes	No	Advanced Placement Microeconomics is taught according to a teacher submitted syllabus approved and audited by the AP College Board. Students study foundation concepts in economics, the nature of product markets, the nature of the firm, the nature of resource markets, and market failure. In addition students examine current and historical economic issues. Students will be required to take the AP Exam at the conclusion of this course.

NOTES

FINE ARTS COURSES

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>Art I</i>	None	0212AA1	020100	No	Art I is an entry level course for students who are interested in exploring art and design at the high school level. Students will create a variety of artworks which may include watercolor painting, acrylic painting, graphite drawing, clay, print making, and a mixed media sculpture.
<i>Art I</i>	None	0212AA2	020100	No	Art I is an entry level course for students who are interested in exploring art and design at the high school level. Students will create a variety of artworks which may include watercolor painting, acrylic painting, graphite drawing, clay, print making, and a mixed media sculpture.
<i>Art II Adv 2D</i>	Art I	0214AA1	020200	No	Students will augment the course work studied in 2D art with advanced explorations in color, design, and drawing. Students will work with more art materials and techniques as they construct and sophisticate their definition of art. Students will use art as their discovery tool to express how they understand themselves and today's world.
<i>Art II Adv 2D</i>	Art I	0214AA2	020200	No	Students will augment the course work studied in 2D art with advanced explorations in color, design, and drawing. Students will work with more art materials and techniques as they construct and sophisticate their definition of art. Students will use art as their discovery tool to express how they understand themselves and today's world.
<i>Art Pottery</i>	Art I	0215AA1	020200	No	Students will create functional pottery made with clay. Different building techniques will be learned as well as different types of glazes. Students will use 3D design principles to create a variety of forms.
<i>Art Pottery</i>	Art I	0215AA2	020200	No	Students will create functional pottery made with clay. Different building techniques will be learned as well as different types of glazes. Students will use 3D design principles to create a variety of forms.
<i>Art Sculpture</i>	Art I	0216AA1	020200	No	Students will use 3D design principles to create sculptural artwork. Different approaches to sculpture making such as assemblages, multi media work, installations and figurative sculpture will be studied.
<i>Art Sculpture</i>	Art I	0216AA2	020200	No	Students will use 3D design principles to create sculptural artwork. Different approaches to sculpture making such as assemblages, multi media work, installations and figurative sculpture will be studied.
<i>Art III Senior Project</i>	Previous Art Class	0217AA1	020300	No	Students will be involved in a rigorous program using skills learned in previous art classes to showcase their talents and ideas. Students will study art history, current events, and philosophy to attain a sophisticated understanding of art. This course is designed for students that are interested in pursuing a career in art or attending a post secondary school with a focus on studying art.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>Art III Senior Project</i>	Previous Art Class	0217AA2	020300	No	Students will be involved in a rigorous program using skills learned in previous art classes to showcase their talents and ideas. Students will study art history, current events, and philosophy to attain a sophisticated understanding of art. This course is designed for students that are interested in pursuing a career in art or attending a post secondary school with a focus on studying art.
<i>Art 3D Advanced</i>	Pottery or Sculpture	0218AA1	020200	No	Students will build upon concepts and techniques learned in 3D, pottery and sculpture. This course will allow for advanced exploration of three-dimensional mediums and examining themes and trends in contemporary sculpture.
<i>Art 3D Advanced</i>	Pottery or Sculpture	0218AA2	020200	No	Students will build upon concepts and techniques learned in 3D, pottery and sculpture. This course will allow for advanced exploration of three-dimensional mediums and examining themes and trends in contemporary sculpture.
<i>Digital Art</i>	Art I	0219AA1	270602	No	Students will create, design and produce digital media including sound, video, graphics, text, and animation. Emphasis will be placed on effective use of tools for interactive multimedia production including storyboarding, visual development, project management and web processes.
<i>Digital Art</i>	Art I	0219AA2	270602	No	Students will create, design and produce digital media including sound, video, graphics, text, and animation. Emphasis will be placed on effective use of tools for interactive multimedia production including storyboarding, visual development, project management and web processes.

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COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>Marching Band</i>	8th Grade Band, Marching Band Camp, and participation in either Concert Band, Symphonic Band, or Wind Ensemble.	1220BA1	120504	No	This course is for ninth, tenth, eleventh, and twelfth grade students who play a band instrument and have an interest in band music literature. All students registered for Marching Band are required to participate in either Concert Band, Symphonic Band, or Wind Ensemble. Marching Band includes participation in Marching Band Camp at the end of summer break. Marching Band rehearses before school from 6:45-7:45AM, from August through October. This course includes traveling competitions and parades, as well as Pep Band performances for athletic events.
<i>Concert Band</i>	Participating in Marching Band	1220AA1	120502	No	This course is for all incoming ninth and tenth graders who play a band instrument and have an interest in band performance. All students registered for Concert Band are required to participate in Marching Band. This course will include performances outside of the school day, including end-of-semester concerts and pep band. Please note: Students who are percussionists (drums) will sign up for Percussion class only.
<i>Concert Band</i>	Participating in Marching Band	1220AA2	120502	No	This course is for all incoming ninth and tenth graders who play a band instrument and have an interest in band performance. All students registered for Concert Band are required to participate in Marching Band. This course will include performances outside of the school day, including end-of-semester concerts and pep band. Please note: Students who are percussionists (drums) will sign up for Percussion class only.
<i>Symphonic Band</i>	Concert Band, participation in marching band.	1221AA1	120502	No	This is the higher level band for eleventh and twelfth graders who play a band instrument and have an interest in advanced band performance. All students registered for Symphonic Band are required to participate in Marching Band. This course will include performances outside of the school day, including end-of-semester concerts and pep band. Please note: Students who are percussionists (drums) will sign up for Percussion class only.
<i>Symphonic Band</i>	Concert Band, participation in marching band.	1221AA2	120502	No	This is the higher level band for eleventh and twelfth graders who play a band instrument and have an interest in advanced band performance. All students registered for Symphonic Band are required to participate in Marching Band. This course will include performances outside of the school day, including end-of-semester concerts and pep band. Please note: Students who are percussionists (drums) will sign up for Percussion class only.

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COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>Percussion</i>	Participating in Marching Band	1223AA1	120502	No	This course is for band members who play percussion instruments (drums, mallet percussion, etc.) and have an interest in percussion performance. The intent of this class is to build the unique skills that are required for percussion performance. All students registered for Percussion class are required to participate in Marching Band. This course will include performances outside of the school day, including end-of-semester concerts and pep band. Please note: Students who play wind instruments (woodwinds or brass) will sign up for Concert Band (9th and 10th grade) or Symphonic Band (11th and 12th grade) only.
<i>Percussion</i>	Participating in Marching Band	1223AA2	120502	No	This course is for band members who play percussion instruments (drums, mallet percussion, etc.) and have an interest in percussion performance. The intent of this class is to build the unique skills that are required for percussion performance. All students registered for Percussion class are required to participate in Marching Band. This course will include performances outside of the school day, including end-of-semester concerts and pep band. Please note: Students who play wind instruments (woodwinds or brass) will sign up for Concert Band (9th and 10th grade) or Symphonic Band (11th and 12th grade) only.
<i>Introduction to Instrumental Music</i>	None	1229AA1	120500	No	For students interested in learning a band or orchestra instrument who have never played an instrument, haven't played one since 6th grade, or who would like to learn a new instrument. Students will work as a class and individually to learn rhythms, notes, and everything about the instrument they choose. The final goal of this class is for students to audition for a regular orchestra or band class at the end of the semester.
<i>Introduction to Instrumental Music</i>	None	1229AA2	120500	No	For students interested in learning a band or orchestra instrument who have never played an instrument, haven't played one since 6th grade, or who would like to learn a new instrument. Students will work as a class and individually to learn rhythms, notes, and everything about the instrument they choose. The final goal of this class is for students to audition for a regular orchestra or band class at the end of the semester.
<i>Jazz Band</i>	Participation in Concert Band, Symphonic Band, or Wind Ensemble.	1235BA2	120500	No	The Jazz Band is for students in band who are interested in the jazz genre. It is available for any instrument in band. The class meets before school from 7:00AM-7:45AM on B Day mornings, starting in November until the end of the school year. Students travel to Jazz Festivals and Competitions in the spring.
<i>Instrumental Music Phil Orch</i>	String instrument playing experience	1241AA1	120500	No	This orchestra provides string players the opportunity to further their playing technique through performance of varied musical repertoire.
<i>Instrumental Music Phil Orch</i>	String instrument playing experience	1241AA2	120500	No	This orchestra provides string players the opportunity to further their playing technique through performance of varied musical repertoire.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>Instrumental Music Cam Orch</i>	Audition	1242AA1	120550	No	This orchestra provides advanced string players the opportunity to further their performance skills by challenging their musical abilities.
<i>Instrumental Music Cam Orch</i>	Audition	1242AA2	120550	No	This orchestra provides advanced string players the opportunity to further their performance skills by challenging their musical abilities.
<i>Jazz Orchestra</i>	By Audition (9-12), and participation in Concert Band, Symphonic Band, or Wind Ensemble.	1245BA2	120550	No	The Jazz Orchestra is made up of auditioned band and orchestra students who are interested in jazz. The class meets before school from 7:00AM-7:45AM on A Day mornings, starting in November until the end of the school year. Students travel to Jazz Festivals and Competitions in the spring.
<i>Ultimate Image</i>	Audition	1260AA1	120450	No	This course is the Varsity Show Choir. It provides the opportunity for advanced singers to learn and perform music at a high level. This group also sings, dances, and competes as the Open Class Show Choir, named Ultimate Image. Students perform for numerous community events, competitions, festivals and concerts. Participation Fee Involved. PE graduation requirement will be met through participation.
<i>Ultimate Image</i>	Audition	1260AA2	120450	No	This course is the Varsity Show Choir. It provides the opportunity for advanced singers to learn and perform music at a high level. This group also sings, dances, and competes as the Open Class Show Choir, named Ultimate Image. Students perform for numerous community events, competitions, festivals and concerts. Participation Fee Involved. PE graduation requirement will be met through participation.
<i>Advanced Choir</i>	Audition	1261AA1	120450	No	Select group of individuals who possess advanced vocal skills. Students learn and perform a variety of cappella/ accompanied musical selections for concerts, festivals, and community functions.
<i>Advanced Choir</i>	Audition	1261AA2	120450	No	Select group of individuals who possess advanced vocal skills. Students learn and perform a variety of cappella/ accompanied musical selections for concerts, festivals, and community functions.
<i>Sweet Revelation</i>	Audition	1262AA1	120450	No	This course is the Treble Show Choir. It provides the opportunity for singers to learn and perform music at a high level. This group also sings, dances, and competes as the Unisex Class Show Choir. Students perform for numerous community events, competitions, festivals and concerts. Participation Fee Involved. PE graduation requirement will be met through participation.
<i>Sweet Revelation</i>	Audition	1262AA2	120450	No	This course is the Treble Show Choir. It provides the opportunity for singers to learn and perform music at a high level. This group also sings, dances, and competes as the Unisex Class Show Choir. Students perform for numerous community events, competitions, festivals and concerts. Participation Fee Involved. PE graduation requirement will be met through participation.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>Future Image</i>	Audition	1266AA1	120450	No	This course is the Junior Varsity Show Choir. It provides the opportunity for advanced singers to learn and perform music at a high level. This group also sings, dances, and competes as the Prep Class Show Choir, named Future Image. Students perform for numerous community events, competitions, festivals and concerts. Participation Fee Involved. PE graduation requirement will be met through participation.
<i>Future Image</i>	Audition	1266AA2	120450	No	This course is the Junior Varsity Show Choir. It provides the opportunity for advanced singers to learn and perform music at a high level. This group also sings, dances, and competes as the Prep Class Show Choir, named Future Image. Students perform for numerous community events, competitions, festivals and concerts. Participation Fee Involved. PE graduation requirement will be met through participation.
<i>Vocal Music Singers</i>	None	1268AA1	120400	No	A mixed chorus where students have the opportunity to improve vocal and musicianship skills. Throughout the year, students perform in festivals, contests and concerts.
<i>Vocal Music Singers</i>	None	1268AA2	120400	No	A mixed chorus where students have the opportunity to improve vocal and musicianship skills. Throughout the year, students perform in festivals, contests and concerts.
<i>Stagecraft I</i>	None	2290AA1	220300	No	This course is an introduction to the world of stagecraft. Students will practice the basics in all areas of technical theater including make-up, costuming, building, props, lighting, sound, and design. This class will directly support all performance areas of the Visual and Performing Arts classes. Stagecraft students will work plays, concerts, and arts shows and develop their knowledge and appreciation of backstage technical support. Students will be required to assist in one show per semester.
<i>Stagecraft I</i>	None	2290AA2	220300	No	This course is an introduction to the world of stagecraft. Students will practice the basics in all areas of technical theater including make-up, costuming, building, props, lighting, sound, and design. This class will directly support all performance areas of the Visual and Performing Arts classes. Stagecraft students will work plays, concerts, and arts shows and develop their knowledge and appreciation of backstage technical support. Students will be required to assist in one show per semester.
<i>Stagecraft II</i>	Stagecraft I	2291AA1	220300	No	This course allows for a deeper exploration of stagecraft and specific specializations, design, and direction in: make-up, costuming, building, props, lighting, sound, and design. This class will directly support all performance areas of the Visual and Performing Arts classes. Students will be required to assist in one show per semester
<i>Stagecraft II</i>	Stagecraft I	2291AA2	220300	No	This course allows for a deeper exploration of stagecraft and specific specializations, design, and direction in: make-up, costuming, building, props, lighting, sound, and design. This class will directly support all performance areas of the Visual and Performing Arts classes. Students will be required to assist in one show per semester

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>Theater I</i>	None	2292AA1	220500	No	This course is an introduction to theater performance; Students will be introduced to theater history, acting styles, vocalization, team building, and memorization. Students will perform tableaux, pantomimes, monologues, duets, short scenes and a short play. Students will be required to perform or assist in one show per semester.
<i>Theater I</i>	None	2292AA2	220500	No	This course is an introduction to theater performance; Students will be introduced to theater history, acting styles, vocalization, team building, and memorization. Students will perform tableaux, pantomimes, monologues, duets, short scenes and a short play. Students will be required to perform or assist in one show per semester.
<i>Theater II</i>	Theater I	2293AA1	220200	No	This course will continue to build upon acting styles, vocalization, team building, and memorization. Advanced theatrical movement will be introduced and practiced: fencing, stage fighting, and dance. Students will perform improvisation, duets, monologues, short scenes, and a full length performance. Students will be required to perform or assist in one show per semester.
<i>Theater II</i>	Theater I	2293AA2	220200	No	This course will continue to build upon acting styles, vocalization, team building, and memorization. Advanced theatrical movement will be introduced and practiced: fencing, stage fighting, and dance. Students will perform improvisation, duets, monologues, short scenes, and a full length performance. Students will be required to perform or assist in one show per semester.
<i>Theater Aide</i>	Teacher Approval	2294AA1	220400	No	This course will be by teacher request only. Students will work with the teacher in design, theater management, and direction. Students will be embedded into Theater I or Theater II classes engaging in content as a student producer/director.
<i>Theater Aide</i>	Teacher Approval	2294AA2	220400	No	This course will be by teacher request only. Students will work with the teacher in design, theater management, and direction. Students will be embedded into Theater I or Theater II classes engaging in content as a student producer/director.
<i>Musical Theater</i>	None	2295AA1	120801	No	Musical Theater courses provide students with the opportunity to explore and/or participate in various aspects of musical theater, including auditioning, singing, acting, and dancing. These courses review the history and evolution of musical theatre, its literature and artists, and styles of composition and vocal presentation. Students work collaboratively on performances, including solo, duet, and ensemble work.
<i>Musical Theater</i>	None	2295AA2	120801	No	Musical Theater courses provide students with the opportunity to explore and/or participate in various aspects of musical theater, including auditioning, singing, acting, and dancing. These courses review the history and evolution of musical theatre, its literature and artists, and styles of composition and vocal presentation. Students work collaboratively on performances, including solo, duet, and ensemble work.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>AP Music Theory</i>	None	7740AC1	120700	No	This course will develop students' ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a score. The course will require students to read, notate, write, sing and listen to music.
<i>AP Music Theory</i>	None	7740AC2	120700	No	This course will develop students' ability to recognize, understand and describe the basic materials and processes of music that are heard or presented in a score. The course will require students to read, notate, write, sing and listen to music.

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SCIENCE COURSES

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>Physical Science - Int. Sci I</i>	None	1300AA1	130420	Yes	No	This course is an inquiry based foundational study of Physics, Chemistry, and Earth/Space Science. Students will explore concepts, principles, practices, theories, and models of Physics, Chemistry, and Earth and Space Science to make connections with the natural and engineered world. Topics covered include energy, wave motion, the expanding universe, stellar life cycle, the structure of and changes in matter, and forces and motion.
<i>Physical Science - Int. Sci I</i>	None	1300AA2	130420	Yes	No	This course is an inquiry based foundational study of Physics, Chemistry, and Earth/Space Science. Students will explore concepts, principles, practices, theories, and models of Physics, Chemistry, and Earth and Space Science to make connections with the natural and engineered world. Topics covered include energy, wave motion, the expanding universe, stellar life cycle, the structure of and changes in matter, and forces and motion.
<i>Biology - Int. Sci II</i>	None	1303AA1	130422	Yes	No	This course seeks to introduce students to a world of highly organized systems of living and nonliving things that exist to make life possible and are essential to our survival. Students will engage in real world issues and find evidence to determine reasons for the changing world of medicine, nutrition, biotechnology, population growth, and the impact humans are having on the planet. Students will experience the interconnectedness of science as they make connections between disciplinary core ideas from Biology, Chemistry, and Earth science domains. and across multiple content areas (such as mathematics and English language arts) to make sense of familiar and unfamiliar phenomena and problems through project based learning. Students will engage in rigorous lessons that connect to the Nebraska Career Education Model. Semester 1 focuses on Biology and Chemistry concepts.

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COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>Biology - Int. Sci II</i>	None	1303AA2	130422	Yes	No	This course seeks to introduce students to a world of highly organized systems of living and nonliving things that exist to make life possible and are essential to our survival. Students will engage in real world issues and find evidence to determine reasons for the changing world of medicine, nutrition, biotechnology, population growth, and the impact humans are having on the planet. Students will experience the interconnectedness of science as they make connections between disciplinary core ideas from Biology, Chemistry, and Earth science domains. and across multiple content areas (such as mathematics and English language arts) to make sense of familiar and unfamiliar phenomena and problems through project based learning. Students will engage in rigorous lessons that connect to the Nebraska Career Education Model. Semester 1 focuses on Biology and Earth Science concepts.
<i>Biology H - Int. Sci 2*</i>	None	1303AD1	130422	Yes	No	This course allows students to continue to develop their understanding of the core ideas in the physical, life and Earth and space sciences with a focus on biology and closely related Earth science concepts. The content is intended to leave room for expanded study in upper-level high school courses
<i>Biology H - Int. Sci 2*</i>	None	1303AD2	130422	Yes	No	This course allows students to continue to develop their understanding of the core ideas in the physical, life and Earth and space sciences with a focus on biology and closely related Earth science concepts. The content is intended to leave room for expanded study in upper-level high school courses

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**Honors courses will address the standards-based guaranteed and viable curriculum and will require extended opportunities to include reading, writing, speaking, and in-depth application of knowledge and skills.*

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>Chemistry - Int Sci 3</i>	None	1304AA1	130423	Yes	No	This course seeks to engage students to how real world issues involve high levels of chemistry. Students will engage in how chemistry is involved in the coevolution of Earth systems and organisms and our future survival on the planet. Students will model the chemical reactions that take place in Earth Systems and problems to collect evidence of the importance of chemistry to solve problems through project based learning. Students will experience the interconnectedness of science as they make connections between disciplinary core ideas from Chemistry, Biology and Earth science domains. and across multiple content areas (such as mathematics and English language arts) to make sense of familiar and unfamiliar phenomena and problems through project based learning. Students will engage in rigorous lessons that connect to the Nebraska Career Education Model. Semester 1 focuses on Chemistry concepts.
<i>Chemistry - Int Sci 3</i>	None	1304AA2	130423	Yes	No	This course seeks to engage students to how real world issues involve high levels of chemistry. Students will engage in how chemistry is involved in the coevolution of Earth systems and organisms and our future survival on the planet. Students will model the chemical reactions that take place in Earth Systems and problems to collect evidence of the importance of chemistry to solve problems and design a simulation with NASA data as a capstone project. Students will experience the interconnectedness of science as they make connections between disciplinary core ideas from Chemistry, Biology and Earth science domains. and across multiple content areas (such as mathematics and English language arts) to make sense of familiar and unfamiliar phenomena and problems through project based learning. Students will engage in rigorous lessons that connect to the Nebraska Career Education Model. Semester 2 focuses on Chemistry and Earth Science Concepts.
<i>Sci Astronomy</i>	Grades 11-12	1328AA1	130312	Yes	No	Students will study the following: significant scientists, star and constellation identification, solar system structure and formation, Earth/ Moon system, stellar evolution, tools used in Astronomy, space exploration, types of galaxies, structure of the Universe, Cosmology, and the possibility of other life in the Universe. This course is dual enrolled with Wayne State College.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>Sci Astronomy</i>	Grades 11-12	1328AA2	130312	Yes	Yes	Students will study the following: significant scientists, star and constellation identification, solar system structure and formation, Earth/Moon system, stellar evolution, tools used in Astronomy, space exploration, types of galaxies, structure of the Universe, Cosmology, and the possibility of other life in the Universe. This course is dual enrolled with Wayne State College.
<i>AP Chemistry</i>	Integrated Science I and II and Alegbra	1334AC1	135010	Yes	No	AP Chemistry is the equivalent of a first year, college general chemistry course. Students will perform in-depth stoichiometric calculations and use gas laws to predict ideal and real gas behaviors as well as quantities. The use of Coulomb's law will be required so that students can predict intermolecular forces and particulate attractions. Students will investigate equilibrium reactions and study acid-base behaviors including buffers. Additional topics will include oxidation-reduction reactions and electrochemistry topics such as galvanic and electrolytic cells and thermochemistry topics such as Gibb's free energy and the use of Hess's Law. Students will be required to take the AP Exam at the conclusion of this course.
<i>AP Chemistry</i>	Integrated Science I and II and Alegbra	1334AC2	135010	Yes	No	AP Chemistry is the equivalent of a first year, college general chemistry course. Students will perform in-depth stoichiometric calculations and use gas laws to predict ideal and real gas behaviors as well as quantities. The use of Coulomb's law will be required so that students can predict intermolecular forces and particulate attractions. Students will investigate equilibrium reactions and study acid-base behaviors including buffers. Additional topics will include oxidation-reduction reactions and electrochemistry topics such as galvanic and electrolytic cells and thermochemistry topics such as Gibb's free energy and the use of Hess's Law. Students will be required to take the AP Exam at the conclusion of this course.
<i>AP Physics I (Algebra-based)</i>	Alegbra	1334AC1	135021	Yes	No	This course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. Students will be required to take the AP Exam at the conclusion of this course. This course is dual enrolled with Wayne State College.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>AP Physics I (Algebra-based)</i>	Alegbra	1355AC2	135021	Yes	Yes	This course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. Students will be required to take the AP Exam at the conclusion of this course. This course is dual enrolled with Wayne State College.
<i>Anatomy and Physiology</i>	Grades 11-12	1358AA1	130210	Yes	No	This course provides an in-depth study of the human body including cells, tissues, and each of the major body systems. It is recommended for students wishing to pursue careers in health-related areas and for students who are interested in learning more about the human body.
<i>Anatomy and Physiology</i>	Grades 11-12	1358AA2	130210	Yes	No	This course provides an in-depth study of the human body including cells, tissues, and each of the major body systems. It is recommended for students wishing to pursue careers in health-related areas and for students who are interested in learning more about the human body.
<i>Environmental Science</i>	Grades 11-12	0151AA1	130203	No	No	Environmental Science courses examine the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.
<i>Environmental Science</i>	Grades 11-12	0151AA2	130203	No	No	Environmental Science courses examine the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, these courses usually cover the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources.

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HEALTH & PHYSICAL EDU COURSES

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>Lifetime Fitness</i>	Recommended completion of Physical Education	0800AA0	080120	No	Students will be able to develop an understanding of fitness concepts and design personal fitness programs while developing an individualized level of health-related activities to complete assessments of their health related fitness. Students will learn the relationships between physical activity, physical fitness, group interaction, cooperation, an appreciation for the abilities and limitations of self and others and various health-related outcomes. Through the course, students will gain knowledge and skills needed to develop lifelong patterns of physical activity. By the end of the course students will improve their physical fitness by participating in group fitness classes, weight training, walking, jogging, nutrition and other activities. Testing is based on a multitude of fitness components.
<i>Intro Athletic Performance</i>	None	0810AA1	080112	No	An introduction into the basic philosophies regarding training in the sports performance realm. Student athletes will be trained in areas such as strength, power, and explosiveness in order to create a strong, resilient, well rounded athlete. Student athletes will learn the core movements of the Islander Power program which include: push, pull, squat, hinge, core stability, and triple extension in both bilateral and unilateral fashions. Together, this will be paired with plyometric and sprint training in order to create a robust, functional, injury free athlete that can excel on the field, court, course, pool, or mat.
<i>Intro Athletic Performance</i>	None	0810AA2	080112	No	An introduction into the basic philosophies regarding training in the sports performance realm. Student athletes will be trained in areas such as strength, power, and explosiveness in order to create a strong, resilient, well rounded athlete. Student athletes will learn the core movements of the Islander Power program which include: push, pull, squat, hinge, core stability, and triple extension in both bilateral and unilateral fashions. Together, this will be paired with plyometric and sprint training in order to create a robust, functional, injury free athlete that can excel on the field, court, course, pool, or mat.
<i>Intro Athletic Performance</i>	None	0810AA3	080112	No	An introduction into the basic philosophies regarding training in the sports performance realm. Student athletes will be trained in areas such as strength, power, and explosiveness in order to create a strong, resilient, well rounded athlete. Student athletes will learn the core movements of the Islander Power program which include: push, pull, squat, hinge, core stability, and triple extension in both bilateral and unilateral fashions. Together, this will be paired with plyometric and sprint training in order to create a robust, functional, injury free athlete that can excel on the field, court, course, pool, or mat.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>Intro Athletic Performance</i>	None	0810AA4	080105	No	An introduction into the basic philosophies regarding training in the sports performance realm. Student athletes will be trained in areas such as strength, power, and explosiveness in order to create a strong, resilient, well rounded athlete. Student athletes will learn the core movements of the Islander Power program which include: push, pull, squat, hinge, core stability, and triple extension in both bilateral and unilateral fashions. Together, this will be paired with plyometric and sprint training in order to create a robust, functional, injury free athlete that can excel on the field, court, course, pool, or mat.
<i>Intro Athletic Performance</i>	None	0811AA1	080112	No	An introduction into the basic philosophies regarding training in the sports performance realm. Student athletes will be trained in areas such as strength, power, and explosiveness in order to create a strong, resilient, well rounded athlete. Student athletes will learn the core movements of the Islander Power program which include: push, pull, squat, hinge, core stability, and triple extension in both bilateral and unilateral fashions. Together, this will be paired with plyometric and sprint training in order to create a robust, functional, injury free athlete that can excel on the field, court, course, pool, or mat.
<i>Intro Athletic Performance</i>	None	0811AA2	080112	No	An introduction into the basic philosophies regarding training in the sports performance realm. Student athletes will be trained in areas such as strength, power, and explosiveness in order to create a strong, resilient, well rounded athlete. Student athletes will learn the core movements of the Islander Power program which include: push, pull, squat, hinge, core stability, and triple extension in both bilateral and unilateral fashions. Together, this will be paired with plyometric and sprint training in order to create a robust, functional, injury free athlete that can excel on the field, court, course, pool, or mat.
<i>Intro Athletic Performance</i>	None	0811AA3	080112	No	An introduction into the basic philosophies regarding training in the sports performance realm. Student athletes will be trained in areas such as strength, power, and explosiveness in order to create a strong, resilient, well rounded athlete. Student athletes will learn the core movements of the Islander Power program which include: push, pull, squat, hinge, core stability, and triple extension in both bilateral and unilateral fashions. Together, this will be paired with plyometric and sprint training in order to create a robust, functional, injury free athlete that can excel on the field, court, course, pool, or mat.
<i>Intro Athletic Performance</i>	None	0811AA4	080105	No	An introduction into the basic philosophies regarding training in the sports performance realm. Student athletes will be trained in areas such as strength, power, and explosiveness in order to create a strong, resilient, well rounded athlete. Student athletes will learn the core movements of the Islander Power program which include: push, pull, squat, hinge, core stability, and triple extension in both bilateral and unilateral fashions. Together, this will be paired with plyometric and sprint training in order to create a robust, functional, injury free athlete that can excel on the field, court, course, pool, or mat.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>Adv Athletic Performance</i>	Intro Athletic Performance	0812AA1	080113	No	An advancement into more in-depth training philosophies regarding sports performance. Student athletes will continue to be trained in areas such as strength, power, and explosiveness but will now be integrated with methods such as load & fatigue management, velocity based training, and triphasic training. This will allow the Islander Power staff to monitor student athlete performance and make adjustments to training to match the demands of the sport. Student athletes will have already mastered the core movements of the Islander Power program in the prerequisite course, and will now progress into a new system in order to ensure that all Islanders compete at the highest level of Nebraska High School Athletics.
<i>Adv Athletic Performance</i>	Intro Athletic Performance	0812AA2	080113	No	An advancement into more in-depth training philosophies regarding sports performance. Student athletes will continue to be trained in areas such as strength, power, and explosiveness but will now be integrated with methods such as load & fatigue management, velocity based training, and triphasic training. This will allow the Islander Power staff to monitor student athlete performance and make adjustments to training to match the demands of the sport. Student athletes will have already mastered the core movements of the Islander Power program in the prerequisite course, and will now progress into a new system in order to ensure that all Islanders compete at the highest level of Nebraska High School Athletics.
<i>Adv Athletic Performance</i>	Intro Athletic Performance	0813AA1	080113	No	An advancement into more in-depth training philosophies regarding sports performance. Student athletes will continue to be trained in areas such as strength, power, and explosiveness but will now be integrated with methods such as load & fatigue management, velocity based training, and triphasic training. This will allow the Islander Power staff to monitor student athlete performance and make adjustments to training to match the demands of the sport. Student athletes will have already mastered the core movements of the Islander Power program in the prerequisite course, and will now progress into a new system in order to ensure that all Islanders compete at the highest level of Nebraska High School Athletics.

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COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>Adv Athletic Performance</i>	Intro Athletic Performance	0813AA2	080113	No	An advancement into more in-depth training philosophies regarding sports performance. Student athletes will continue to be trained in areas such as strength, power, and explosiveness but will now be integrated with methods such as load & fatigue management, velocity based training, and triphasic training. This will allow the Islander Power staff to monitor student athlete performance and make adjustments to training to match the demands of the sport. Student athletes will have already mastered the core movements of the Islander Power program in the prerequisite course, and will now progress into a new system in order to ensure that all Islanders compete at the highest level of Nebraska High School Athletics.
<i>Health New Generation</i>	None	0827AA0	080105	No	This course covers the principles of human health and wellness. During the semester students will review the human body, nutrition, physical activity, diseases and disorders, mental health, drugs and alcohol, and safety/violence awareness.
<i>Physical Education</i>	None	0880AA0	080107	No	This course is an exposure to recreational sports, lifetime sports, and team sports with an emphasis on fitness components. Students may enroll for 3 semesters.
<i>Strength Training Advanced</i>	Strength Training Beginning	0884AA1	080113	No	Course is only offered as early bird. This course is designed for the advanced weight training student. It includes advanced lifting techniques and conditioning programs that students will design and integrate into their own individualized strength programs.
<i>Strength Training Advanced</i>	Strength Training Beginning	0884AA2	080113	No	Course is only offered as early bird. This course is designed for the advanced weight training student. It includes advanced lifting techniques and conditioning programs that students will design and integrate into their own individualized strength programs.

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WORLD LANGUAGES COURSES

Placement test results must be finalized by February 1st.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>Spanish I</i>	None	0690AA2	060241	No	Students develop a novice low performance level in all aspects of foreign language study (speaking, writing, grammar, and listening skills), emphasizing conversation, vocabulary, and proper language usage. Students learn about a variety of cultural insights of the twenty-two Spanish-speaking countries. The course will allow students to be ready to become a fluent Spanish speaker.
<i>Spanish I</i>	None	0692AA1	060241	No	Students develop a novice low performance level in all aspects of foreign language study (speaking, writing, grammar, and listening skills), emphasizing conversation, vocabulary, and proper language usage. Students learn about a variety of cultural insights of the twenty-two Spanish-speaking countries. The course will allow students to be ready to become a fluent Spanish speaker.
<i>Spanish II</i>	Spanish I	0692AA1	060242	No	Students explore the Spanish language through grammar, vocabulary, and culture. Students learn new verb tenses and continue to develop communication skills in the target language. The goal for students is to be at a novice mid performance level by the end of the school year.
<i>Spanish II</i>	Spanish I	0692AA2	060242	No	Students explore the Spanish language through grammar, vocabulary, and culture. Students learn new verb tenses and continue to develop communication skills in the target language. The goal for students is to be at a novice mid performance level by the end of the school year.
<i>Spanish III WSC</i>	Spanish II	0683AA1	060243	No	Students continue to explore the Spanish language and build upon the foundation built in previous Spanish classes. This course is offered for dual credit. The goal is for students to be at an intermediate low performance level by the end of the school year.
<i>Spanish III WSC</i>	Spanish II	0683AA2	060243	Yes	Students continue to explore the Spanish language and build upon the foundation built in previous Spanish classes. This course is offered for dual credit. The goal is for students to be at an intermediate low performance level by the end of the school year.
<i>AP Spanish Language and Culture</i>	Spanish III WSC	0684AC1	060246	No	Students further develop to an intermediate mid performance level in reading, writing, speaking, and listening as they recognize and evaluate how complex global issues affect their lives and the lives of others. Students develop a global perspective about the importance of bilingualism and culture and their benefits through readings and writings with the historical context in Mexico, Guatemala, El Salvador, Peru, Ecuador, and Spain. This course is offered for dual credit. (Course is designed for non-Spanish speakers)

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>AP Spanish Language and Culture</i>	Spanish III WSC	0684AC2	060246	Yes	Students further develop to an intermediate mid performance level in reading, writing, speaking, and listening as they recognize and evaluate how complex global issues affect their lives and the lives of others. Students develop a global perspective about the importance of bilingualism and culture and their benefits through readings and writings with the historical context in Mexico, Guatemala, El Salvador, Peru, Ecuador, and Spain. This course is offered for dual credit. (Course is designed for non-Spanish speakers)
<i>Spanish for Spanish Speakers I WSC</i>	Passing Parts 1 & 2 of Placement Test	2397AA1	060249	No	Students build upon their Spanish skills by exploring grammar and cultural topics. Spanish-speaking students with all levels of Spanish ability are encouraged to take this course. This course is offered for dual credit. The goal is for students to be at an advanced low performance level by the end of the school year.
<i>Spanish for Spanish Speakers I WSC</i>	Passing Parts 1 & 2 of Placement Test	2397AA2	060249	Yes	Students build upon their Spanish skills by exploring grammar and cultural topics. Spanish-speaking students with all levels of Spanish ability are encouraged to take this course. This course is offered for dual credit. The goal is for students to be at an advanced low performance level by the end of the school year.
<i>Spanish for Spanish Speakers II WSC</i>	Spanish for Spanish Speakers I	2398AA1	060250	No	Students develop an advance mid performance level in Spanish to communicate for personal, social, and academic purposes. Readings, formal essays, speeches, and discussions from Latin America are used to discuss and understand world issues. Students explore their identities, learn from each other and build confidence to perform in their first/home language. This course is offered for dual credit.
<i>Spanish for Spanish Speakers II WSC</i>	Spanish for Spanish Speakers I	2398AA2	060250	Yes	Students develop an advance mid performance level in Spanish to communicate for personal, social, and academic purposes. Readings, formal essays, speeches, and discussions from Latin America are used to discuss and understand world issues. Students explore their identities, learn from each other and build confidence to perform in their first/home language. This course is offered for dual credit.
<i>AP Span Lit and Culture</i>	Spanish for Spanish Speakers II WSC	2399AA1	060255	No	Build your language skills and cultural knowledge by exploring works of literature written in Spanish. Using Spanish to communicate, you'll read, analyze, discuss, and write about works by Spanish, Latin-American, and U.S. Hispanic authors of different periods.
<i>AP Span Lit and Culture</i>	Spanish for Spanish Speakers II WSC	2399AA2	060255	No	Build your language skills and cultural knowledge by exploring works of literature written in Spanish. Using Spanish to communicate, you'll read, analyze, discuss, and write about works by Spanish, Latin-American, and U.S. Hispanic authors of different periods.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>German I</i>	None	0680AA1	060231	No	This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.
<i>German I</i>	None	0680AA2	060231	No	This beginning course includes the study of speaking, listening, reading, writing, and culture of the people. Students will be able to understand familiar words and very basic phrases concerning themselves, their family and immediate surroundings when people speak slowly and clearly. They will be able to understand familiar names, words, and very simple sentences and ask and answer simple questions in the areas of immediate need or on very familiar topics. Students will be able to use and write simple phrases and sentences to describe situations. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.
<i>German II</i>	German I	0681AA1	060232	No	This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.
<i>German II</i>	German I	0681AA2	060232	No	This course enables student to understand phrases and commonly used vocabulary related to areas of personal relevance and recognize the main point in short, clear, simple messages and announcements. Students will be able to read very short, simple texts and find specific, predictable information in simple everyday materials. Student can communicate in simple and routine tasks requiring a direct exchange of information on familiar topics and activities. They will be able to handle very short social exchanges and use a series of phrases and sentences to describe in simple terms their family and other people. This course should help students gain insight into the nature of their own language and culture and apply the language and cultural knowledge within and beyond the school setting.

ACT PREP COURSE

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>ACT Prep</i>	None	0258AA0	260300	No	This course will teach students the knowledge and skills to increase their score on the ACT Exam. The course will be designed to support students in the areas of English, Reading, Math and Science Reasoning as tested by the ACT Exam.

NOTES

CTE BUSINESS, MARKETING & MANAGEMENT COURSE

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>Personal Finance</i>	None	0309AA0	033000	No	No	The goal of personal finance is to help students become financially responsible, conscientious members of society. This course develops student understanding and skills in money management; budgeting; financial goal attainment; use of credit, insurance; investments; and consumer rights and responsibilities. Application of academic concepts, technology, and career planning are integrated throughout the curriculum.

NOTES

CTE SKILLED & TECHNICAL COURSES

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>Principles of Welding</i>	None	1061FA1	101930	No	Yes	This course introduces students to arc welding and cutting processes. (Dual enrolled with and taught at CCC.)
<i>Principles of Welding</i>	None	1061FA2	101930	No	Yes	This course introduces students to arc welding and cutting processes. (Dual enrolled with and taught at CCC.)
<i>Advanced Welding</i>	Principles of Welding	1062FA1	101940	No	Yes	This course is a continuation of learning the knowledge and skills of the welding industry. (Dual enrolled with and taught at CCC.)
<i>Advanced Welding</i>	Principles of Welding	1062FA2	101940	No	Yes	This course is a continuation of learning the knowledge and skills of the welding industry. (Dual enrolled with and taught at CCC.)

NOTES

CTE ENGINEERING & TECHNOLOGY COURSES

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	NCAA APPROVAL	DUAL CREDIT	DESCRIPTION
<i>Robotics</i>	None	1003AA1	103194	No	No	Students will design and build a robot to participate in area robotics competitions. Major units of study will focus on the engineering design process, designing and building a controllable base, designing and building a manipulator and programming of the mechanical system using logic based control and simple sensors. Students who repeat the course will develop deeper understanding of robotics design and implementation. Examples would include transmission design, pneumatic controls and in-depth precision programming control. Grades 9-12
<i>Robotics</i>	None	1003AA2	103194	No	No	Students will design and build a robot to participate in area robotics competitions. Major units of study will focus on the engineering design process, designing and building a controllable base, designing and building a manipulator and programming of the mechanical system using logic based control and simple sensors. Students who repeat the course will develop deeper understanding of robotics design and implementation. Examples would include transmission design, pneumatic controls and in-depth precision programming control. Grades 9-12

NOTES

INFORMATION TECH COURSES

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>A/V Production</i>	None	2701AA0	270602	No	Students will learn and expand on the basics of audio and visual production. An emphasis will be placed on composition, visual aesthetics, and storytelling through projects and live productions. Students will work on a variety of projects that involve a sequence requiring the pre-production, production, and post-production phases. A majority of the projects and live productions will be associated with Grand Island Senior High activities & events. This requires a significant time commitment at contests and events outside of the school day.
<i>Info Tech App I</i>	None	2716AA1	270501	No	Students will develop skills in using business software, specifically the Microsoft Office Suite Word, Excel, Access, PowerPoint and Publisher. The focus will be on professional communications practices, advanced documents processing, professional presentations, intermediate spreadsheet and database applications, and integration of applications utilizing advanced features used personally and professionally.
<i>Info Tech App II</i>	None	2716AA2	270502	No	Students will develop skills in using business software, specifically the Microsoft Office Suite Word, Excel, Access, PowerPoint and Publisher. The focus will be on professional communications practices, advanced documents processing, professional presentations, intermediate spreadsheet and database applications, and integration of applications utilizing advanced features used personally and professionally.
<i>Principles of Information Technology</i>	None	2711DA1	101940	Yes	This course continues developing an understanding of PCs, networks and technology systems. Students will also learn the ethical and legal requirements for Information Technology specialists.
<i>Principles of Information Technology</i>	None	2711DA2	999999	Yes	This course continues developing an understanding of PCs, networks and technology systems. Students will also learn the ethical and legal requirements for Information Technology specialists.
<i>Advanced Information Technology</i>	Principles of Information Technology	2712DA1	999999	Yes	This course will specialize students understanding in a specific area of PC support, network design and technology systems. Students will pursue a certification or complete a capstone experience.
<i>Advanced Information Technology</i>	Principles of Information Technology	2712DA2	999999	Yes	This course will specialize students understanding in a specific area of PC support, network design and technology systems. Students will pursue a certification or complete a capstone experience.

Courses listed below require concurrent enrollment in 2711DA1/2 or 2712DA1/2.
 Courses are offered only at CPI location and will be double blocked in nature.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>AP Computer Science</i>	Foundations of Information Technology	2711DC0	270700	No	Students will demonstrate advanced skills in the software development life cycle through in-depth use of a modern programming language (Java). The content covered will include high-level, object-oriented concepts, while emphasizing the design of elegant solutions and efficient algorithms. All concepts investigated in Computer Programming I and AP Computer Science are aligned to prepare students for the AP Computer Science A exam. Students are strongly encouraged to take the AP exam.
<i>Programming I</i>	Foundations of Information Technology	2711DK0	270401	No	This course is an introduction to the fundamentals of computer programming in the Java language. The focus of the course is on developing a strong foundation in the use of programming structures and an introduction to Object Oriented Programming. Programming is done through hands-on work with computers to produce various outputs. Emphasis is placed on problem descriptions, flowcharts, code, and program documentation as a means of solving problems. All concepts investigated in Computer Programming I and AP Computer Science are aligned to prepare students for the AP Computer Science A exam.
<i>PC Support and Maintenance CCC</i>	Foundations of Information Technology	2712DK0	270606	Yes	IT Essentials is an online curriculum and lab environment that explores the fundamentals of computer hardware and operating systems. Students learn the functionality of hardware and software components as well as suggested best practices in maintenance and safety issues. Students perform a step-by-step assembly of a desktop computer and install and navigate an operating system. In addition, investigations of networks and communication skills are included. IT Essentials prepares students for the CompTIA A+ industry certification.
<i>Info Tech Support CCC</i>	Foundations of Information Technology	2714DK0	270607	Yes	This course provides a process for developing the skills, attitudes, techniques, and thinking patterns needed to build customer support, satisfaction and loyalty in information technology settings. They will practice effective customer support strategies and learn troubleshooting techniques for hardware, software, and operating systems. Instruction delivered by CCC online.
<i>CISCO I Intro to Networks</i>	Foundations of Information Technology	2715DK0	270505	Yes	This course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for the curriculum. By the end of this course, students will be able to build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes. Cisco I is part of the Cisco Certified Network Associate program that prepares students for industry certification. Students who successfully complete Cisco I with an A or B can receive CCC credit for ELNS 1750.

Courses listed below require concurrent enrollment in 2711DA1/2 or 2712DA1/2.
 Courses are offered only at CPI location and will be double blocked in nature.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>CISCO II Routing and Switching</i>	CISCO II	2716DK0	270506	Yes	This course describes the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPv2, single area and multi-area OSPF, virtual LANs, and inter-VLAN routing in both IPv4 and IPv6 networks. Cisco II is part of the Cisco Certified Network Associate program that prepares students for the CCENT industry certification. Students who successfully complete Cisco II with an A or B can receive CCC credit for ELNS 1760.
<i>CISCO III Scaling Networks</i>	CISCO II	2717DK0	270507	No	This course describes the architecture, components, and operations of routers and switches in a larger and more complex network. Students learn how to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, STP, and VTP in both IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement DHCP and DNS operations in a network. Cisco III is part of the Cisco Certified Network Associate program that prepares students for industry certification. Students who successfully complete Cisco III with an A or B can receive CCC credit for ELNS 1770.
<i>Network Systems CISCO IV</i>	CISCO III	2718DK0	270601	No	This course discusses the WAN technologies and network services required by converged applications in a complex network. The course enables students to understand the selection criteria of network devices and WAN technologies to meet network requirements. Students learn how to configure and troubleshoot network devices and resolve common issues with data link protocols. Students will also develop the knowledge and skills needed to implement IPsec and virtual private network (VPN) operations in a complex network. Cisco IV is part of the Cisco Certified Network Associate program that prepares students for the CCNA industry certification. Students who successfully complete Cisco IV with an A or B can receive CCC Credit for ELNS 1780.
<i>Computer Science Advanced UNK</i>	Foundations of Information Technology	2719DK0	270700	Yes	Students will demonstrate advanced skills in the software development life cycle through in-depth use of a modern programming language (Java). The content covered will include high-level, object-oriented concepts, while emphasizing the design of elegant solutions and efficient algorithms. Instruction delivered at Adams Street Campus.
<i>Info Tech Fundamentals CCC</i>	Foundations of Information Technology	2720DK0	270504	Yes	Students investigate hardware and software selection and use, technology resource support, and ethical issues. Students will be introduced to IT careers and certifications. Units will include concepts in networking, programming, support services, computer hardware and peripherals, system and application software, and the impact of technology on society.

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>Virtualization CCC INFO 2720</i>	Foundations of Information Technology	2723DK0	279934	Yes	The VMware IT Academy Program has been developed to introduce students to VMware virtualization technologies. The VMware IT Academy Program expands the students' skills by preparing students to install, maintain and troubleshoot VMware server software and hardware. Students will be prepared to take the VMware Certified Associate (VCA) upon completion of the course.
<i>Com and Inf Sys Low Volt Instl</i>	CISCO I or Foundations of Information Technology	2732DK0	279931	No	This course provides an opportunity for students to complete the process of sub-contracting the low voltage cable installation in a home. This includes meeting on site with the customer, developing a bid and proposal for the work, completing the rough installation, and then doing the finish installation.

NOTES

CTE HEALTH SCIENCE COURSES

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>Medical Terminology</i>	Foundations of Medical Sciences and Integrated Science II are recommended	0741AA1	077600	No	This course is designed to help students learn medical language by analyzing the individual components of medical terms. Students will apply these terms to the systems of the human body. Disorders and diseases associated with these systems will be discussed as well as prevention and treatment of these disorders.
<i>Medical Terminology</i>	Foundations of Medical Sciences and Integrated Science II are recommended	0741AA2	077600	No	This course is designed to help students learn medical language by analyzing the individual components of medical terms. Students will apply these terms to the systems of the human body. Disorders and diseases associated with these systems will be discussed as well as prevention and treatment of these disorders.
<i>Health Sci Athletic Training</i>	Sports Med/Therapy Pathway	0725AA1	077500	No	Students enrolled in this course will assist and support the functioning of the various athletic teams at Grand Island Senior High. This requires a significant time commitment at contests and events outside of the school day.
<i>Health Sci Athletic Training</i>	Sports Med/Therapy Pathway	0725AA2	077500	No	Students enrolled in this course will assist and support the functioning of the various athletic teams at Grand Island Senior High. This requires a significant time commitment at contests and events outside of the school day.

NOTES

FAMILY & CONSUMER SCIENCE

COURSES

COURSE NAME	PREREQUISITE	COURSE NUMBER	STATE COURSE CODE	DUAL CREDIT	DESCRIPTION
<i>Human Food Nutrition Wellness</i>	None	0900AA1	090107	No	This introductory course provides students with foundational knowledge in nutrition as well as skills in food preparation. Students will analyze evidence-based nutrition information, practice food preparation, explore various aspects of wellness, and gain exposure to careers related to the food and nutrition industry. In all areas of study, students will develop skills that transfer to all career fields and all areas of life. You can expect roughly 10-12 food lab experiences.
<i>Human Food Nutrition Wellness</i>	None	0900AA2	370021	No	This introductory course provides students with foundational knowledge in nutrition as well as skills in food preparation. Students will analyze evidence-based nutrition information, practice food preparation, explore various aspects of wellness, and gain exposure to careers related to the food and nutrition industry. In all areas of study, students will develop skills that transfer to all career fields and all areas of life. You can expect roughly 10-12 food lab experiences.
<i>Culinary Skills</i>	Human Food Nutrition Wellness	0901AA1	370022	No	This course is designed to provide students with curriculum which is focused on the foodservice industry and provides training in workplace and culinary skills, food safety and sanitation, interpersonal and communication skills, as well as an exposure to the areas of restaurant management and career exploration.
<i>Culinary Skills</i>	Human Food Nutrition Wellness	0901AA2	370022	No	This course is designed to provide students with curriculum which is focused on the foodservice industry and provides training in workplace and culinary skills, food safety and sanitation, interpersonal and communication skills, as well as an exposure to the areas of restaurant management and career exploration.

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