

2023-2024
Notus Jr. Sr. High School
Course Catalog





NOTUS School District 135

25257 Notus Road
Caldwell, IDAHO 83607

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Micah J. Doramus, Superintendent & Elem. Principal
Jen Wright, Jr./Sr. High Principal
Dawnita Tincher, Business Manager

Dear Pirates,

Welcome to Notus Jr. Sr. High School! We feel very fortunate to be part of the Pirate Community. We begin this school year anticipating great results for students socially, personally, and educationally. We welcome new students who will become a part of our Notus Pirate Crew and those returning this school year. Notus Jr. Sr. High School is full of opportunities for our students and we are working every day to expand those opportunities and open the world to our students through our classrooms and extra-curricular activities. We promise to provide our students with the opportunity to obtain the necessary skills and education to be successful in today's world.

We are looking forward to a fantastic school year with our amazing educators at Notus Jr. Sr. High School. They, along with you, help to facilitate the dreams of our students. As a faculty, we will work closely with your child to help them achieve their goals. We want our students to feel cared for and know that we are advocates for them every day so they can lead confidently in the future. More than ever it is critical for students to be learners today so they can be leaders tomorrow.

Thank you for being part of our team,

Notus Jr. Sr. High School Faculty and Staff



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Queridos piratas,

¡Bienvenidos a Notus Jr. Sr. High School! Nos sentimos muy afortunados de ser parte de la Comunidad Pirata. Comenzamos este año escolar anticipando grandes resultados para los estudiantes a nivel social, personal y educativo. Nosotros dar la bienvenida a los nuevos estudiantes que se convertirán en parte de nuestro Notus Pirate Crew y a los que regresan este año escolar. Notus Jr. Sr. High School está llena de oportunidades para nuestros estudiantes y estamos trabajando todos los días para expandir esas oportunidades y abrir el mundo a nuestros estudiantes a través de nuestras aulas y actividades extracurriculares. Prometemos brindarles a nuestros estudiantes la oportunidad de obtener las habilidades y la educación necesarias para tener éxito en el mundo de hoy.

Esperamos un año escolar fantástico con nuestros increíbles educadores en Notus Jr. Sr. High School. Ellos, junto con usted, ayudan a facilitar los sueños de nuestros estudiantes. Como facultad, trabajaremos de cerca con su hijo para ayudarlo a alcanzar sus metas. Queremos que nuestros estudiantes se sientan atendidos y sepan que somos sus defensores todos los días para que puedan liderar con confianza en el futuro. Más que nunca, es fundamental que los estudiantes sean aprendices hoy para que puedan ser líderes mañana.

Gracias por ser parte de nuestro equipo,

Notus Jr. Sr. High School Faculty and Staff

Purpose

This course catalog is designed to provide students, parents, and staff with information necessary to plan a sequence of courses to complete requirements for graduation from Notus Jr. Sr. High School. In doing so, the student must be aware that they are creating a credential that will document their qualification for the post-secondary phase of their life. Our NSD Administration and instructional staff are available to offer assistance in course selection. Students will design their four year plans and, should use this catalog as a resource to answer the following questions:

1. Am I on track to meet graduation requirements?
2. Am I selecting courses consistent with my interests and abilities?
3. Am I keeping long term goals in mind while completing coursework?

Graduation Checklist

Notus Jr. Sr. High Graduation Requirements: 4 Year Plan				
9th	Fall Semester	Credit	Spring Semester	Credit
	English I	1	English I	1
	Algebra	1	Algebra	1
	Physical Science or Integrated Science	1	Physical Science or Integrated Science	1
	Elective	1	Elective	1
	Elective	1	Elective	1
	Computer Apps (either semester) Elective	1 1	Elective Elective	1 1
10th	Fall Semester	Credit	Spring Semester	Credit
	English II	1	English II	1
	Geometry	1	Geometry	1
	Biology	1	Biology	1
	Speech	1	Health	1
	Humanities	1	Humanities	1
	Elective Elective	1 1	Elective Elective	1 1
11th	Fall Semester	Credit	Spring Semester	Credit
	English III	1	English III	1
	Algebra II	1	Algebra II	1
	Science (Elective)	1	Science (Elective)	1
	US History	1	US History	1
	Humanities	1	Humanities	1
	Elective Elective	1 1	Elective Elective	1 1
12th	Fall Semester	Credit	Spring Semester	Credit
	English IV	1	English IV	1
	Financial Math/College Prep/Pre-Calc/Calculus	1	Financial Math/College Prep/Pre-Calc/Calculus	1
	Government	1	Government	1
	Senior Seminar	1	Economics	1
	Elective	1	Elective	1
	Elective Elective	1 1	Elective Elective	1 1

Requirements: 2 Credits of Physical Education (in place of Electives), 2 Credits of Math: Geometry and Algebra I during 12th Grade, 2 Lab Credits in Science

Graduation Requirements

This course catalog is intended as a resource for registration. Please utilize the Notus School District policy manual, that pertains to specific graduation policies, that is located at the Notus District website at <https://www.notusschools.org/> for further information.

In addition to the above, all students must take either the SAT or ACT exam by the end of their junior year, ISAT assessment, Civics test, and successfully pass their Senior Project by the end of their senior year. All other state mandated tests for graduation must be successfully completed as well.

College Entrance Exam: All students are required to take a college entrance exam, either the ACT or SAT by the end of their junior year. All juniors will have the opportunity to take the SAT at school in the Spring. All standardized test scores are posted on the student's transcript.

Standardized Test Requirements: In order to graduate, all students will need to participate and fulfill any State Standardized Testing requirements (i.e. ISAT assessment).

Civics: All seniors will be required to pass a US Civics test. This will be administered in the American Government classes and be posted on the student's transcript. This will be administered in the American Government classes and be posted on the student's transcript.

Senior Project: All seniors in the state of Idaho are required to complete a project by the end of their senior year. Students and their parents will receive a handbook detailing specific requirements.

Credit Expectations:

Students will be promoted to the next grade only at the start of the new semester after the number of required credits has been met as outlined below:

Freshman: 0-11 credits

Sophomore: 12-21 credits

Junior: 22-33 credits

Senior: 34 or more credits

Students that do not meet the 90% attendance rule will potentially lose credits as a result of lack of attendance.

Students beginning their fourth year of high school who fail to meet the 34 credit must meet with counselor to talk about summer school, credit recovery, or referral to COSSA Academy.

Only those seniors who have completed ALL the requirements for a diploma will be allowed to participate in the graduation-commencement ceremony.

Course Descriptions

Ag Cluster

Engineering &
Technology
Education (ETE)
Cluster

STEM Cluster

Humanities Cluster

COSSA CTE
Programs

Ag Cluster

Ag Speech & Leadership: Year Long Course, Dual Credit

This course will be a verbal communications class designed to help students learn to develop and deliver speeches as they share information about Agriculture and related topics. Major assignments in the class include a speech review, memorized recitation, demonstration, impromptu speech, and a persuasive speech. This course will satisfy the speech graduation requirement and will earn 3 transferable credits from the University of Idaho. **(Humanities & Graduation requirement)**

Horticulture: Year Long Course, Dual Credit

Horticulture covers a variety of plant science. The course will include but is not limited to covering the following: Agronomy, Soil Science, Soil fertilizers, plant medium, sexual/asexual plant reproduction, plant functions and processes, fertilization, greenhouse use, gardening practices, transplanting, hanging basket production, and other bedding plant production. **(Science Credit)**

Introduction to Agriculture: Year Long Course

A basic introductory course designed to introduce beginning students to Agricultural Education. This course includes agricultural career development, leadership, communications, and personal finance. This course is broad in scope and introduces students to FFA, SAE, the livestock industry and crop and soil science. **(Elective Credit)**

Introduction to Ag Shop Skills & Welding: Year Long Course

Course is designed to be a year long course, to teach entry level skills competencies in agricultural welding. Students will receive instruction in welding safety, arc welding, oxy-acetylene welding, oxy-acetylene cutting, plasma cutting, GMAW or wire feed welding and TIG welding. Students will use Hand grinders, metal band saw, metal chop saw, Ironworker metal shear, power drill, drill press and various hand tools. Students will have the opportunity to use the Arclight CNC plasma table and the programs associated with the table. Other areas will include, but are not limited to tool and hardware identification, plastic pipe project, soldering copper tubing, cutting and threading black pipe, tool reconditioning, metal identification, trailer wiring and career exploration in agricultural mechanics. **(Humanities Credit)**

Advanced Ag Welding: Year Long Course, Dual Credit & Certification

This course is designed for students to use the skills and competencies learned during Intro to Ag Mechanics & Welding course work. Students will work on personal or assigned projects in the welding lab. Projects may be made with metal and may be new construction or repairs/remodel of existing projects. Each student will be assigned a project (Students own or instructor assigned if they don't have their own project) the students are graded on quality of work, work ethic and completion of each project. Students will become certified in arc and MIG welding skills. **(Humanities Credit)**

Zoology: Year Long Course, Dual Credit

The course will include but is not limited to the following areas of animal science: Livestock industry, Livestock feeds, livestock digestive systems, nutrition and ration formulation, general livestock management practices (dairy, sheep, swine and beef animals), genetics and breeding systems, Animal Reproduction, cell structure and functions, animal health, career opportunities in animal agriculture. This course includes but is not limited to mineral plant tours, meat processing plant, herd health management feedlot, and preg-testing cattle. **(Science Credit)**

Engineering and Technology Education (ETE) Cluster

Computer Applications: Semester Course, Graduation Requirement for 9th Grade

Computer Applications is a hands-on course that examines different Google applications (docs, sheets, slides, forms, sites, etc.), as well as a review of your keyboarding skills. This course will also look at basic skills for other software applications that involve web and graphic design. This course progressively builds on previously established computer application concepts. In addition to independent projects, students will be required to follow along in class work examples to demonstrate new skills. Class participation and cooperative learning in which students learn from example, following along and each other is an important element of this course. This course will teach students how to learn to identify and solve software problems, work together and help each other to think critically. **(Computer Apps Credit, Graduation Requirement)**

Computer Design and Robotics: Semester Course

Computer Design and Robotics is designed for students who are curious about how computing affects their lives, and want to use electronic machines and devices. By exploring the roles we play as consumers, users and ultimately developers of technology, we will learn how computers operate, examine how new computing technologies are invented and explore major programming building blocks by creating games and animations. Throughout the course, we will work to develop problem-solving skills by learning to approach computing challenges systematically and become more comfortable trying out new computer tools. We will also uncover a variety of different things programmers and computer scientists do by exploring research projects, meeting industry professionals and reading about interesting subfields. Understanding who technologists are and how they work is important for everyone as more and more jobs involve computing technology. In addition to these skills and knowledge, this class will teach students safe, legal and ethical behavior to be a good digital citizen.

Computer Science: Semester Course

Computer Science Principles is designed for students who are curious about how computing affects their lives, want to use computers more effectively and may consider becoming technology producers. Throughout the course, we will work to develop problem-solving skills by learning to approach computing challenges systematically and become more comfortable trying out new computer tools. We will also uncover a variety of different things programmers and computer scientists do by exploring

research projects, meeting industry professionals and reading about interesting subfields. Understanding who technologists are and how they work is important for everyone as more and more jobs involve computing technology.

CyberSecurity (Computer Forensics and Cyber Crime): Semester Course

CyberSecurity provides a broad overview of the cybersecurity field, including how computers and networks are attacked, how the attackers benefit, and how to mitigate cyber attacks. Cyber security is the gatekeeper of information systems and cyber-physical systems. The terminology, approaches, and underlying technologies used in cybersecurity will be explored.

Digital Imaging Technology: Adobe Illustrator (Certification Course): Semester Course

Adobe Illustrator is the industry-leading vector drawing software program used by professional designers around the globe for digital graphics, illustrations, and typography. You can use Illustrator to do a layout for a magazine, create a web page, business cards, logos, and the list goes on. Step by step, you will get familiar with the essential tools you need to create beautiful vector art. We will learn the ins and outs of Illustrator and work towards industry certification. The Illustrator download license and certification are free to students taking this class.

Digital Imaging Technology: Adobe Photoshop (Certification Course): Semester Course

This course will teach you how to make full use of the world's most popular graphics editing program -- Adobe Photoshop. Adobe Photoshop is a complex graphics and image editing software and paint program. It has become a mainstay with graphics designers, professional photographers, and even hobbyists to edit graphics as well as create and manipulate images. We will learn the ins and outs of Photoshop and work towards industry certification. The photoshop license and certification are free to students taking the class.

Digital Imaging Technology: DreamWeaver (Certification Course): Semester Course

Adobe Dreamweaver is a web design program ("web page building") that gives even the most amateur web designer the ability to create stunning web pages fairly quickly and easily. You don't have to know HTML or any other programming language to be able to use Dreamweaver. Whether this is your first time using Dreamweaver or you've used it in the past, this course will walk you through the program step-by-step and teach you how to use its many features and options to create web pages.

Digital Imaging Technology: InDesign (Certification Course): Semester Course

Adobe InDesign is a software program created by Adobe Systems. InDesign is used to create things such as posters, brochures, flyers, magazines, newspapers, and even books. InDesign is a program that is commonly used by graphic designers and people in production; however, it's also used by writers, publishers, and others who want to create their own material. Adobe InDesign makes this easy. You don't have to be a professional designer to use this program.

Digital Imaging Technology: After Effects (Certification Course): Semester Course

Adobe After Effects, the digital motion graphics and compositing software used by professionals in filmmaking and television post-production. In this motion graphics training course, students will learn the basics of animation, visual effects compositing and use of titling in theatrical and broadcast graphics.

Digital Imaging Technology: Premiere (Certification Course): Semester Course

Adobe Premiere is the industry-leading video editing application, utilized everywhere from major cable news networks to Academy Award-nominated films. Throughout this course, students will discover the essential tools and techniques necessary to take a video project from planning to production.

Digital Imaging Technology: Animate (Certification Course): Semester Course

Adobe Animate teaches interactive design, animation, and video delivery using the adobe animate product. Students will learn how to create shapes and text for animations, create symbols and instances, and learn to animate size, position, color, effects, transparency and filters.

Drafting and AutoCad: Semester Course

In this AutoCAD and Drafting course, we will start at the very beginning, and will use AutoCAD to draft CAD symbols, kitchen and bath fixtures, and then create a floor plan. Students will learn to draw on layers, add text, dimensions and will plot the drawing at a scale. Students will learn two-dimensional (2D) drawing commands, dimensioning, layering systems, and drafting techniques. Students will have gained experience developing and assembling a construction document, including plotting, creating drafting symbols, fixtures and a floor plan.

Engineering: Semester Course

This course allows students to explore careers and opportunities in engineering and technology. Topics covered include becoming an engineer, the history, opportunities and potential fields, and career paths in engineering. This course will allow students to experience the design process and engineering problem solving through project based learning.

High School STEM: Semester Course

This course is intended to integrate the STEM fields through project based learning. Students will be engaged by frequent hands-on activities geared towards combining each of the STEM disciplines. Creativity and collaboration will be encouraged as students solve problems. Through projects, students will be presented with a challenge. During this phase they must draw upon their knowledge of STEM disciplines, collaborate with peers, research and apply their own creative process to develop and test solutions to the problem. An emphasis will be placed on research, data collection and analysis.

Humanities Cluster

Creative Writing: Semester Course

In this course, students experiment with writing in a variety of genres including journalism, fiction, poetry, nonfiction, and multimedia formats. They will analyze published works and use them as models for their own writing. Students will also work to strengthen their writing skills through writing conferences and peer revision.

Grammar Review: Semester Course

In this course, students will review the components of grammar to increase their ability to structure sentences and produce clearer, communication, both in writing and orally.

Yearbook: Year Long Course

This course will produce the Notus High School yearbook. In this course, students will gain skills in the following areas: page design, publishing techniques, copywriting, editing, photography, record keeping, time management, teamwork, marketing, and leadership skills. Students are tasked with producing a timeless, creative, and innovative publication that will record our school's community, memories and events.

Psychology: Semester Course

This is an elective class that presents basic information on the history and present use of psychology. The course includes the behavior of the individual in areas of growth and development, perception, learning, attitudes, motivation, emotions, conflict, personality, abnormal behavior, mental health, and social behavior.

Sociology: Semester Course

Gathering a basic understanding of Sociological concepts, principles, and processes. This course is an introduction to material relating to culture, social interaction, institutions, and social change. In this class we will analyze our social structures and the influences they have in creating the society we live in. To increase comprehension, students will read and analyze relevant primary and secondary source documents and incorporate these ideas into the assigned material.

Street Law: Semester Course

Street Law is a semester-long social studies elective that serves as an introductory course to law and legal systems in the United States. The course will touch on broad and specific legal topics to give students a better understanding of the law and how it affects them in real life. Throughout the course, students will use case studies, individual research, group discussion/debate, and mock trials in order to investigate the legal system.

College and Career Readiness: Semester Course

This College and Career Readiness course is designed to allow students the opportunity to further develop the skills necessary to be successful in college and the workforce. The course content and activities will align with Idaho's 10 College and Career Readiness competencies, emphasizing oral/written communication, digital literacy, professionalism and work ethic, and career exploration and development.

World Cultures: Semester Course

This course provides students with an opportunity to gain a greater understanding of the world they live in by using critical thinking skills to explore the cultures that exist and have existed throughout history. This course has the purpose of ensuring students understand how culture impacts our world and helping them prepare personally and professionally to succeed in a global context.

World Geography: Semester Course

Geography allows people to find answers to questions about the world. Through the study of geography, you will explore and discover the processes that shape the earth, the relationship between people and the environment, and the links between people and places. Geography will help you build a global perspective and to understand the connection between global and local events.

Spanish I Foreign Language: Year Long Course

The first year of Spanish is designed to begin introducing proficiency in speaking, reading, listening, and writing skills in Spanish. During the course, conversation, reading and writing skills are emphasized using literature, art, history, pop culture, and daily life of Hispanics and/or Spanish speaking people.

Spanish II Foreign Language: Year Long Course

The second year of Spanish is designed to establish proficiency in speaking, reading, listening, and writing skills in Spanish. During the course, conversation, reading and writing skills are emphasized using literature, art, history, pop culture, and daily life of Hispanics and/or Spanish speaking people.

Junior High Humanities: Art

In this course, the elements of art and the principles of design are explored. The elements of art are often referred to as the WHAT: the building blocks or the tools an artist uses to create their artwork. The principles of design are HOW those building blocks are arranged. The focus of this class is the element of color. Medium such as drawing pencils, crayons, colored pencils, watercolors, pastels (oil and chalk), and acrylic and oil paints may be utilized.

Humanities: Visual Arts

This class explores two different categories of art: drawing and art in everyday life. In drawing, students can expect to learn the fundamentals of drawing and will explore one or more various types of drawing, such as still life drawing, figure drawing, landscape drawing, and perspective drawing, among others.

Elementary Intern:

This opportunity to provide students with the opportunity to offer mentorship to elementary aged students. Students will be paired up with specific grade levels and elementary students.

Pep Band:

Band is a semester-long course available to all students who would like to play and develop his/her ability on a wind or percussion instrument. Band offers a wide array of musical style exploration and education. Genres include traditional concert band literature, jazz, pop, and basic marching band. All afterschool performances are required upon registration and will be graded. Examples of after school performances include but are not limited to, football and basketball pep band, parade marching, winter/spring concerts, and off campus music festivals. The pep band will perform at district and state games for football and basketball when required. Limited instruments available, students may need to supply their own.

Beginning Band

Band is available to all 7th-8th grade students who would like to play and develop his/her ability on a wind or percussion instrument. This semester-long course is designed to be an introduction to 'Band'. Band offers a wide array of musical style exploration and education. Genres include traditional concert band literature, jazz, pop, and basic marching band. All afterschool performances are required upon registration and will be graded. Examples of after school performances include winter/spring concerts and off campus music festivals. Limited instruments available, students may need to supply their own.

Music Appreciation

Music Appreciation is a quarter-long course available to all 7th - 8th grade students who would like to explore music. Music appreciation Introduces students to the world of music by exploring various genres, styles, and historical periods. Through listening, discussion, and hands-on activities, students

will develop an understanding and appreciation for the cultural, emotional, and technical aspects of music

Careers Exploratory

Careers Exploratory is a semester long course for 8th grade developed in response to the 2018 Idaho Legislation to expand career technical education (CTE) to middle school students by the 2023 school year. During the course students embark on a journey to discover their passions, interests, educational goals, and future career possibilities. This course is designed to prepare students for the path before them as they transition into high school and begin to make choices that will shape their future. By fostering self-discovery, career exploration through research, and essential life skills, this course empowers students to set meaningful goals and pursue their dreams with informed decisions, confidence, and a clear sense of direction. Next Steps Idaho is the main source of the curriculum.

Digital Literacy

Digital Literacy is a semester long course for 8th grade that examines different Google applications (docs, sheets, slides, forms, sites, etc.), as well as a review of your keyboarding skills.

STEM Cluster

Astronomy: Semester Course

This course is taken as a semester-long, upper-level high school elective. This course is a student-led inquiry course, where students conduct investigations on topics that they choose. Past topics have included black holes, astrobiology, exoplanets, and rocket science. Through learning about these topics, students will become familiar with using the scientific method, develop critical thinking skills, and use scientific data to support an argument. **(Science Credit)**

Comparative Anatomy: 11th -12th Grade Semester Course

This course is an in-depth study of the form and function of the human body. The anatomy, physiology, and pathology of each organ system in humans will be examined. Comparison of the organization of other animal phyla and chordate classes will enrich the curriculum. **(Science Credit)**

Computer Design and Robotics: Semester Course

Computer Design and Robotics is designed for students who are curious about how computing affects their lives, and want to use electronic machines and devices. By exploring the roles we play as consumers, users and ultimately developers of technology, we will learn how computers operate, examine how new computing technologies are invented and explore major programming building blocks by creating games and animations. Throughout the course, we will work to develop problem-solving skills by learning to approach computing challenges systematically and become more comfortable trying out new computer tools. We will also uncover a variety of different things programmers and computer scientists do by exploring research projects, meeting industry professionals and reading about interesting subfields. Understanding who technologists are and how they work is important for everyone as more and more jobs involve computing technology. In addition to these skills and knowledge, this class will teach students safe, legal and ethical behavior to be a good digital citizen.

Chemistry 11th -12th Grade Semester Course, Science Credit

This course is taken as a year-long, upper-level high school elective. Topics covered include the structure and properties of matter, energy, chemical bonding and reactions, and acid-base chemistry. Through learning about these topics, students will become familiar with using the scientific method, develop critical thinking skills, and use scientific data to support an argument. **(Science Credit)**

Engineering: 11th -12th Grade Semester Course

This course allows students to explore careers and opportunities in engineering and technology. Topics covered include becoming an engineer, the history, opportunities and potential fields, and career paths in engineering. This course will allow students to experience the design process and engineering problem solving through project based learning.

Environmental Science: Semester Course

Course examines the mutual relationships between organisms and their environment. It includes the study of the interrelationships among plants, animals, and humans, the following subjects may be covered: photosynthesis, recycling, and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources. **(Science Credit)**

Forensics 11th -12th Grade Semester Course

This course is taken as a semester-long, upper-level high school elective. Topics covered include crime scene investigation, fingerprinting evidence, DNA evidence, blood evidence, trace evidence, ballistics, arson investigation, and death investigation. Through learning about these topics, students will become familiar with using the scientific method, develop critical thinking skills, and use scientific data to support an argument. **(Science Credit)**

High School STEM: Semester Course

This course is intended to integrate the STEM fields through project based learning. Students will be engaged by frequent hands-on activities geared towards combining each of the STEM disciplines. Creativity and collaboration will be encouraged as students solve problems. Through projects, students will be presented with a challenge. During this phase they must draw upon their knowledge of STEM disciplines, collaborate with peers, research and apply their own creative process to develop and test solutions to the problem. An emphasis will be placed on research, data collection and analysis.

MakerSpace: Semester Course

This course is designed to have students explore STEAM (Science, Technology, Engineering, Art, and Math) through hands-on learning and collaboration. Students will be presented with challenges or issues within a community. They will develop a plan, create prototypes, test out their creation, analyze the results and adjust the plan in order to solve problems. **(Humanities Credit)**

Physics 11th -12th Grade Semester Course

This course is taken as a year-long, upper-level high school elective. Physics is offered every other year on a rotating basis with Chemistry. Topics covered include forces and motion, forces at a distance, energy conversion, and waves and electromagnetic radiation. Through learning about these topics, students will become familiar with using the scientific method, develop critical thinking skills, and use scientific data to support an argument. **(Science Credit)**

Pre-Engineering: Semester Course

This course is designed to guide students in learning how to take an idea through a design process that will eventually be manufactured or produced (solving real-world problems). As students learn about various aspects of engineering and engineering design, such as how engineers communicate through drawing, they will apply what they learn through various activities, projects, and problems.

Statistics: Year Long Course Dual Credit

Introduction to statistical terminology and basic concepts, including common uses and misuses of statistics. Topics include experimental design, sampling, descriptive statistics, correlation and regression, probability, and tests of significance. **(Math Credit)**

COSSA CTE Programs

Notus is part of the COSSA consortium that provides Career-Technical Education opportunities. Students complete their CORE classes in the morning and participate in COSSA programs in the afternoon for a full schedule.

CRTEC Career and Technical Programs: [Brochure Link](#)

Programs At-A-Glance			
	10th Grade	11th Grade	12th Grade
Automotive	1 Semester—Level I	2 Semesters—Level II	2 Semesters—Level III
Building Construction	2 Semesters—Level I	2 Semesters—Level II	2 Semesters—Level III
Culinary Arts	2 Semesters—Nutrition	2 Semesters—Food Science	2 Semesters—Production
Diesel	1 Semester—Level I	2 Semesters—Level II	2 Semesters—Level III
Engineering	1 Semester—Fundamentals	2 Semesters—Adv. Design	2 Semesters—Engineering Design
	1 Semester—Tech. Design		
Health Professions		1 Semester—Fundamentals	2 Semesters—EMT
		1 Semester—CNA	
Welding	2 Semesters—Level I	2 Semesters—Level II	2 Semesters—Level III

Academic Decathlon:

The Academic Decathlon is an interdisciplinary team competition class where students match their intellects and compete with students from other schools. There are 3 competitions throughout the school year, invitational, regionals and state. In class, students learn about that year's main topic within ten categories (Art, Economics, Essay, Interview, Language and Literature, Mathematics, Music, Science, Social Science, and Speech.)

Strategies for Success: Technology Student Association (ETE Cluster)

A national student organization that supports students to develop strong 21st century leadership skills that address different interest areas and cover such topics as architecture, communications, engineering, leadership, and technology research.

Freshman Cornerstone:

A required course for all freshman students. This course is co-taught with a teacher and school counselor. Topics include but are not limited to healthy habits, self-care, fiscal management and budgeting, sewing, cooking, organization skills, etc.

Ag Leadership: (Ag Cluster)

A national student FFA organization that supports student leadership.