

Allen D. Nease High School



Course Catalog 2026-2027

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Administration and Guidance

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Academic Advisement Students Entering Grade 9 in 2023-2024 and Thereafter

What Students and Parents Need to Know

What options lead to a standard diploma?

Successful completion of one of the following options:

- 24 credits
- Advanced International Certificate of Education (AICE) curriculum
- International Baccalaureate (IB) curriculum
- 18-credit Academically Challenging Curriculum to Enhance Learning (ACCEL)
- Career and Technical Education (CTE) Pathway (See section [s.] [1003.4282](#), Florida Statutes [F.S.]

What are the state assessment requirements?

Students must pass the following statewide assessments:

- Grade 10 English Language Arts (ELA) or a concordant score
- Algebra 1 end-of-course (EOC) or a comparative score

A waiver of assessment results is granted by the Individual Educational Plan (IEP) team for students with disabilities. Additionally, students who have been enrolled in an English for Speakers of Other Languages (ESOL) program for less than two years may meet the requirement for grade 10 ELA by satisfactorily demonstrating grade level expectations of formative assessments.

Refer to [Graduation Requirements for Florida's Statewide Assessments](#) for concordant and comparative scores.

Students enrolled in the following courses must participate in the corresponding EOC assessment, which constitutes 30 percent of their final course grade*:

- Algebra 1
- Geometry
- Biology
- U.S. History

*Special note: Thirty percent not applicable if student is not enrolled in the course but passed the EOC (Credit Acceleration Program [CAP]). (See s. [1008.22](#), F.S.)

Students enrolled in the U.S. Government course, including dual enrollment and AP classes, are required to take the assessment of civic literacy. This score does not impact the student's course grade nor graduation status. However, students earning a passing score on the assessment are exempt from the postsecondary civic literacy assessment required by s. [1007.25](#), F.S.

What is the difference between the 18-credit ACCEL option and the 24-credit option?

- 2.5 elective credits instead of 7.5
- Physical Education is not required

What is the difference between the CTE Pathway option and the 24-credit option?

- At least 18 credits are required
- 3.5 elective credits instead of 7.5
 - 2 credits in CTE courses, must result in a program completion and industry certification
 - 1.5 credits in electives or work-based learning programs; Physical Education is not required
- Fine and Performing Arts, Speech and Debate, CTE or Practical Arts is not required

24-Credit Standard Diploma Requirements

Available To All Students, Including Students With Disabilities

4 Credits ELA
<ul style="list-style-type: none"> • ELA 1, 2, 3, 4 • ELA honors, Advanced Placement (AP), AICE, IB and dual enrollment may satisfy this requirement
4 Credits Mathematics*
<ul style="list-style-type: none"> • One of which must be Algebra 1 and one of which must be Geometry • Industry Certifications that lead to college credit may substitute for up to two mathematics credits (except for Algebra 1 and Geometry) ** • An identified computer science*** credit may substitute for up to one mathematics credit (except for Algebra 1 and Geometry)
3 Credits Science*
<ul style="list-style-type: none"> • One of which must be Biology, two of which must be equally rigorous science courses • Two of the three required course credits must have a laboratory component • Industry Certifications that lead to college credit may substitute for up to one science credit (except for Biology)** • An identified computer science*** credit may substitute for up to one science credit (except for Biology)
3 Credits Social Studies
<ul style="list-style-type: none"> • 1 credit in World History • 1 credit in U.S. History • 0.5 credit in U.S. Government • 0.5 credit in Economics
0.5 Credit in Personal Financial Literacy****
1 Credit Fine and Performing Arts, Speech and Debate, Career and Technical Education, or Practical Arts*
1 Credit Physical Education*
<ul style="list-style-type: none"> • To include the integration of health
7.5 Elective Credits
<p>Students must earn a 2.0 unweighted grade-point average (GPA) on a 4.0 scale for all cohort years and pass statewide, standardized assessments.</p>

*Eligible courses are specified in the [Florida Course Code Directory](#).

**[Industry certifications](#) for which there is a statewide college credit articulation agreement approved by the State Board of Education may substitute for mathematics and science credit.

***A computer science credit may not be used to substitute for both a mathematics and science credit.

****This requirement was added for students entering grade nine 2023-2024 and thereafter.

NOTE: The required credits may be earned through equivalent, applied, or integrated courses or career education courses as defined in s. [1003.01\(2\)](#), F.S., including work-related internships approved by the State Board of Education and identified in the course code directory.

Academic Advisement

Students Entering Grade 9 in 2023-2024 and Thereafter

What Students and Parents Need to Know



Scholar Diploma Designation

In addition to the requirements of s. [1003.4282](#), F.S., a student must satisfy the following requirements:

- Earn 1 credit in Algebra 2 or an equally rigorous course
- Pass the Geometry EOC
- Earn 1 credit in Statistics or an equally rigorous mathematics course
- Pass the Biology 1 EOC++
- Earn 1 credit in Chemistry or Physics
- Earn 1 credit in a course equally rigorous to Chemistry or Physics
- Pass the U.S. History EOC++
- Earn 2 credits in the same World Language
- Earn at least 1 credit in an AP, IB, AICE or a dual enrollment course

****Special note:** A student is exempt from the Biology 1 or U.S. History EOC assessment if the student is enrolled in an AP, IB or AICE Biology 1 or U.S. History course; takes the respective AP, IB or AICE assessment and earns the minimum college credit.

Industry Scholar Diploma Designation

- Meet standard high school diploma requirements
- Attain one or more industry certifications from the list established (per s. [1003.492](#), F.S.)

What is CAP?

The CAP allows a student to earn high school credit if the student passes an AP examination, a College Level Examination Program (CLEP) or a statewide course assessment without enrollment in the course. The courses include:

- Algebra 1
- Geometry
- Biology
- U.S. History

What are the additional graduation options for students with disabilities?

Students, in collaboration with parents and the IEP team, may choose two additional standard diploma options available only to students with disabilities. Both allow students to substitute a CTE course with related content for one credit in ELA 4, mathematics, science and social studies (excluding Algebra 1, Geometry, Biology 1 and U.S. History). The two options are as follows:

- Students with a most significant cognitive disability may earn credits via access courses and be assessed via an alternate assessment.
- Students enrolled in the academic and employment option must earn at least 0.5 credit via paid employment in addition to meeting the standard diploma graduation requirements.

State University System

Admission into Florida's [State University System](#) (SUS) institutions is competitive. Prospective students should complete a rigorous course of study in high school and apply to more than one university to increase their chance for acceptance. To qualify to enter one of Florida's public universities, a first-time-in-college student must meet the following minimum requirements (credit earned by industry certification does not count for SUS admission):

- High school graduation with a standard diploma, a minimum of a 2.5 GPA and admission test scores meeting minimum college-ready test scores per Board of Governors (BOG) Regulation 6.008
- 16 credits of approved college preparatory academic courses per BOG Regulation 6.002
- 4 English (3 with substantial writing)
- 4 Mathematics (Algebra 1 level and higher)
- 3 Natural Science (2 with substantial lab)
- 3 Social Science
- 2 World Language (sequential, in the same language or other equivalents)
- 2 approved electives

Florida College System

The 28 colleges of the [Florida College System](#) offer affordable and stackable workforce credentials including certificate programs, associate in science degrees and associate in arts degrees, which transfer to a bachelor's degree program. All colleges also offer workforce bachelor's degree programs in areas of high demand. All Florida College System institutions have open-door admissions for students who earned a standard high school diploma, an equivalent diploma or earned college credit.

Career and Technical Colleges and Centers

Florida also offers students 49 accredited career and technical colleges or centers throughout the state, which provide the education and certification necessary to work in a particular career or technical field. Programs are flexible for students and provide industry-specific education and training for a wide variety of occupations.

[Career, Adult and Technical Education District Postsecondary Institutions](#)

Where is information on financial aid located?

The Florida Department of Education's Office of Student Financial Assistance administers a variety of postsecondary educational state-funded grants and scholarships.

[Office of Student Financial Assistance](#)

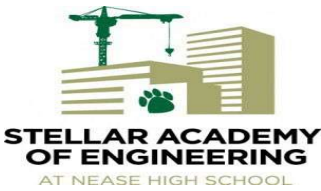
For more detailed information on Graduation Requirements visit the Florida Department of Education's webpage at <https://www.fldoe.org/schools/k-12-public-schools/sss/graduation-requirements/>.

Nease High School Career Academies and Programs of Study



Students participate in a curriculum that prepares them for careers in marketing and communications. Students may select from two specialty areas: TV Production and Digital Design. TV Production students create Wired, a live daily newscast, along with sports highlights and other specialized video productions. Digital Design utilizes the Adobe

Creative Suite. Academy students in both tracks have the opportunity to earn industry certifications in Adobe Creative Suite programs. Students can interview for a summer internship before their senior year and will graduate with a portfolio of their work. Post-secondary partners allow academy students to continue their education at St. Johns River State College, Florida State College, First Coast Technical College, or another college of their choice. All TV Production and Digital Design courses are honors weighted.



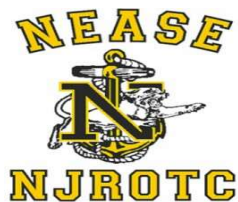
This academy was formed in partnership with Stellar, a premier international design-build firm based in Jacksonville, and the instructors are engineers. The rigorous program is designed to prepare students for high-skill, high-wage, and high demand careers in such fields as engineering, architecture, design, and construction. Students use the latest industry software, AutoCAD, Revit, and Inventor, as they progress through a series of engineering courses. Upon completion of the four-year program students will have the skills to directly

enter the workforce at a competitive salary and/or enroll in a post-secondary engineering program with substantial skills and college credit. All courses in this program are honors weighted.



This program has a high-quality international curriculum aimed at encouraging critical thinking. Emphasis is placed on helping students learn how to analyze. The program develops an appreciation for other cultures, and all courses are accelerated. The International Baccalaureate (IB) Diploma Program is a rigorous pre-university course of study leading to internationally

standardized tests. The program's comprehensive two-year curriculum allows its graduates to fulfill requirements of many different nations' education systems. Students completing IB courses and exams are eligible for college credit. The award of credit is based on scores achieved on IB exams. Students can earn up to 30 postsecondary semester credits by participating in this program at the high school level. For information, visit www.ibo.org.



The NJROTC curriculum emphasizes citizenship and leadership development, as well as our maritime heritage, the significance of sea power, and naval topics such as fundamentals of naval operations, seamanship, navigation, and meteorology. Classroom instruction is augmented throughout the year by community service activities, drill competition, field meets, flights, and visits to naval activities, marksmanship training, and other military training.



This academy has partnered with the North Florida Hotel and Lodging Association, higher education institutions including Florida State College at Jacksonville and Flagler College, as well as a number of local companies, to give students the professional skills and real-world experience they will need to be successful in the industry. Students will learn business etiquette, customer service skills, computer operations, and many of the facets of meeting

client needs. Students may earn industry certifications in the Microsoft Office Suite and Servsafe. Only year 3 and year 4 courses are honors weighted.

Academy Courses



Communications Academy- Digital Design

Digital Design

Course No: 8209510, Credit: 1.0 Weight 0.5

This course is designed to develop basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills, digital publishing concepts and operations, layout, design, and measurement activities, decision making activities, and digital imaging. Students take the Adobe Photoshop certification exam.

Digital Design 2

Course No: 8209520, Credit 1.0 Weight 0.5

Pre-Req: Digital Design 1 & Teacher

Recommendation

This course is designed to develop basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills, digital publishing concepts and operations, layout, design, and measurement activities, decision-making activities, and digital imaging. Students take the Adobe InDesign Certification exam.

Digital Design 3

Course No: 8209530, Credit 1.0 Weight 0.5

Pre-Req: Digital Design 2 & Teacher Rec

This course is designed to develop basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills, digital publishing concepts and operations, layout, design, and measurement activities, decision-making activities, and digital imaging. Students take the Adobe Illustrator Certification Exam.

Digital Design 4

Course No: 8209540, Credit 1.0 Weight 0.5

Pre-Req: Digital Design 3 & Teacher Rec

This course is designed to develop basic entry-level skills required for careers in the digital publishing industry. The content includes computer skills, digital publishing concepts and operations, layout, design, and measurement activities, decision-making activities, and digital imaging.

Communications Academy- Digital Video Technology

Digital Video Technology 1

Course No: 8201410, Credit 1.0 Weight 0.5

This course provides students with an introduction to the digital video production process; content includes safe work practices, planning a production set, designing lighting plans, camera operation, and audio/video recording, mixing, and editing.

Digital Video Technology 2

Course No: 8201420, Credit 1.0 Weight 0.5

Pre-Req: DVT 1 & Teacher Recommendation

This course provides students with intermediate level instruction in the digital video production process.

Digital Video Technology 3

Course Number: 8401430, Credit 1.0 Weight 0.5

Pre-Req: DVT 2 & Teacher Rec

Students will participate in digital video pre-production, production, and post-production processes. Students take the Adobe Premiere Pro Certification exam.

Digital Video Technology 4

Course No: 8201440, Credit 1.0 Weight 0.5

Pre-Req: DVT 3 & Teacher Rec

Students will demonstrate proficiency in all phases of the digital video production process (pre-production, production, and post-production).

Digital Video Technology 5

Course No: 8201450, Credit 1.0 Weight 0.5

Pre-Req: DVT 4 & Teacher Rec

Students will demonstrate professionalism, develop interviewing skills, perform on camera in video productions, and complete all phases of the digital video production process.

Digital Video Technology 6

Course No: 8201460, Credit 1.0 Weight 0.5

Pre-Req: DVT 5 & Teacher Rec

This course requires the student to plan, coordinate, and manage all aspects of a video or webcast production.

Stellar Engineering Academy

Introduction to Engineering Design

Course No: 8600550, Credit 1.0 Weight 0.5

This course exposes students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. Students will employ engineering and scientific concepts in the solution of engineering design problems. In addition, they will learn to use 3D solid modeling design software to design solutions to problems. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions, document the process, and communicate the results. Students take the AutoCAD certification exam.

Principles of Engineering

Course No: 8600520, Credit 1.0 Weight 0.5

Pre-Req: Intro to Engineering & Teacher Rec

This course helps students understand the field of engineering/engineering technology and prepares them for postsecondary engineering programs by developing a more in-depth mastery of the required knowledge and skills in mathematics, science, and technology. Through problem-based learning strategies, students study key engineering topics, including mechanisms, energy sources, energy applications, machine control, fluid power, statics, material properties, material testing, statistics, and kinematics. Exploring various technology systems and manufacturing processes help students learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people.



Civil Engineering and Architecture

Course No: 8600590, Credit 1.0 Weight 0.5

Pre-Req: Prin. Of Engineering & Teacher Rec

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of the applications of engineering and its effect upon our lives and the choosing of an occupation. This includes the safe use and application of appropriate technology, scientific testing, and observation equipment. Students take the Revit Industry Certification exam.

Computer Integrated Manufacturing

Course No: 8600560, Credit 1.0 Weight 0.5

Pre-Req: Prin. Of Engineering & Teacher Rec

The purpose of this course is to apply principles of robotics and automation. The course builds on computer solid modeling skills developed in Introduction to Engineering Design. Students use CNC equipment to produce actual models of their 3D designs. Fundamental concepts of robotics used in automated manufacturing and design analysis are included.

Engineering Design & Development

Course No: 8600650, Credit 1.0 Weight 0.5

Pre-Req: Civil Engineer. or Comp. Int. Man. & Teacher Rec

The purpose of this course is to serve as a capstone course to provide students with the opportunity to develop a solution to a design problem from start to finish. Students work in teams to design, engineer, create a prototype, perform product testing, and then produce a finished product. This would involve using ALL the knowledge previously learned, not only in technology education, but also across the curriculum. Students will be expected to create and deliver a formal report on the project. Students take the Inventor certification exam.



Academy of Hospitality and Tourism

Introduction to Hospitality and Tourism

Course No: 8850110, Credit 1.0

The purpose of this course is to introduce students to the skills necessary for success in the hospitality and tourism industry. Students will also have the opportunity to learn hospitality and tourism technology and the mathematical, economic, marketing, and sales fundamentals of the industry.

Computer Technology for Travel and Tourism

Course No: 8845140, Credit 1.0

Pre-Req: Intro to Hosp. & Tourism & Teacher Rec

This course is designed to introduce computers and to develop entry-level skills for computer-related careers in the travel and tourism industry. Students take the Servsafe Management industry certification exam.

Travel and Tourism Marketing Management

Course No: 8845120, Credit 1.0 Weight 0.5

Pre-Req: Computer Tech for Travel & Teacher Rec

The purpose of this course is to provide students with necessary career specific instruction in travel and tourism. Students will learn sales techniques, marketing principles, and entrepreneurship skills necessary to succeed in the travel and tourism industry.

Hospitality and Tourism Entrepreneurship

Course No: 8703130, Credit 1.0 Weight 0.5

Pre-Req: Travel & Tourism Marketing & Teacher Rec

The purpose of this course is to provide students with academic and technical preparation to pursue high-demand and high-skill careers in hospitality-related industries. In addition, this course is designed so performance standards meet employer expectations, enhancing the employability of students.

NJROTC

Two years in a NJROTC course satisfies the one full credit HOPE requirement AND the one full credit performing arts requirement.

Naval Science 1

Course No: 1802300, Credit 1.0

The purpose of this course is to introduce students to the precepts of citizenship, the elements of leadership, and the value of scholarship in attaining life goals. This course is also designed to engender a sound appreciation for the heritage and traditions of America, with recognition that the historically significant role of sea power will be important in America's future. The course will develop in each cadet a growing sense of pride in his/her organization, associates, and self. These elements are pursued at a fundamental level.

Naval Science 2

Course No: 1802310, Credit 1.0

Pre-Req: Teacher Rec

The purpose of this course is to build on the general introduction provided in Naval Science 1, further develop the traits of citizenship and leadership in students, introduce cadets to technical areas of naval science study and engender a deeper awareness of the vital importance of the world's oceans to the continued wellbeing of the USA.

Naval Science 3

Course No: 1802320, Credit 1.0

Pre-Req: Teacher Rec

The purpose of this course is to broaden the understanding of the operative principles of military leadership, the concept and significance of teamwork, the intrinsic value of good order and discipline in the accomplishment of assigned objectives and naval academic subjects.

Naval Science 4

Course No: 1802330, Credit 1.0

Pre-Req: Teacher Rec

The purpose of this course is to provide students with a comprehensive, advanced-level study of naval historical and technical topics and the opportunity to exercise leadership in positions of authority and responsibility. In addition, this course will prepare the students to readily accept the responsibility and importance of citizenship as both are related to the democratic principles upon which our country is founded. Students will also be provided with an understanding of the nature, rigors, and benefits of a military career.

Leadership Education and Training 1

Course No: 1801300, Credit 1.0

The purpose of this course is to provide secondary school students with opportunities for total development. Total development is achieved through development of life management skills, personal fitness and character-building activities designed to promote good citizenship and patriotism. The course provides instruction that will benefit the individual student, the community, and our nation. The Junior ROTC learning experience is intended to be useful to students in any future career, military or civilian. Satisfactory completion of the program may lead to advanced placement credit in Senior R.O.T.C or advance rank in the active or reserve military services or National Guard.

Leadership Education and Training 2

Course No: 1801310, Credits 1.0

Pre-Req: Leadership Training 1 & Teacher Rec

The purpose of this course is to provide secondary school students with opportunities for total development. Total development is achieved through development of life management skills, personal fitness and character-building activities designed to promote good citizenship and patriotism. The course provides instruction that will benefit the individual student, the community, and our nation. The Junior ROTC learning experience is intended to be useful to students in any future career, military or civilian. Satisfactory completion of the program may lead to advanced placement credit in Senior R.O.T.C or advance rank in the active or reserve military services or National Guard.



Leadership Education and Training 3

Course No: 1802320, Credits 1.0

Pre-Req: Leadership 2 & Teacher Rec

The purpose of this course is to provide secondary school students with opportunities for total development. Total development is achieved through development of life management skills, personal fitness and character-building activities designed to promote good citizenship and patriotism. The course provides instruction that will benefit the individual student, the community, and our nation. The Junior ROTC learning experience is intended to be useful to students in any future career, military or civilian. Satisfactory completion of the program may lead to advanced placement credit in Senior R.O.T.C or advance rank in the active or reserve military services or National Guard.

Leadership Education and Training 4

Course No: 1802330, Credits 1.0

Pre-Req: Leadership 3 & Teacher Rec

The purpose of this course is to provide secondary school students with opportunities for total development. Total development is achieved through development of life management skills, personal fitness and character-building activities designed to promote good citizenship and patriotism. The course provides instruction that will benefit the individual student, the community, and our nation. The Junior ROTC learning experience is intended to be useful to students in any future career, military or civilian. Satisfactory completion of the program may lead to advanced placement credit in Senior R.O.T.C or advance rank in the active or reserve military services or National Guard.



Art Education

Arts- Dance

Dance Techniques 1 (PF)

Course No: 0300310, Credit 1.0

Students in this yearlong, entry-level course, designed for those having no prior dance instruction, learn foundational skills in multiple dance styles. Their development of fundamental dance technique is enriched and enlivened through study of works by a variety of diverse artists and developing genre-specific movement vocabulary and dance terminology. Students will build knowledge and skills related to somatic practices, dance competitions, self-reflection of efforts, dance history and culture, collaborative work, and rehearsal and performance protocols.

Dance Techniques 2 (PF)

Course No: 0300320, Credit 1.0

Pre-Req: Dance Tech 1 or Teacher Rec

Students in Dance Techniques 2, a yearlong course, build on previously acquired knowledge and fundamental technical skills in two or more dance forms, focusing on developing the aesthetic quality of movement in the ensemble and as an individual. Students will also begin to develop skills of choreography and get to create their own dance piece.

Arts- Film

Theatre, Cinema, & Film Production (PF)

Course No: 0400660, Credit 1.0

In this course students will explore the elements of film and cinematic techniques used by those who create movies. Students study the techniques in film that serve the story and articulate the theme. Students also prepare a comparative for theatre, film, and literature. Public performance may serve as a resource for specific instructional goals. Students may be required to attend or participate in technical work, rehearsals, and/or film production beyond the school day to support, extend, and assess learning in the classroom.

Film 3 Honors (PF)

Course No: 0107430, Credit 1.0 Weight 0.5

Students explore advanced topics through project-based work, becoming more self-directed in their acquisition and use of concepts, terminology, techniques, and applications to design, create, print, and display original two-dimensional animations in

Dance Techniques 3 Honors (PF)

Course No: 0300330, Credit 1.0 Weight 0.5

Pre-Req: Dance Tech 2 or Teacher Rec

Students in this year long, intermediate-level course, designed for dancers who have mastered the basics in two or more dance forms, build technical and creative skills with a focus on developing the aesthetic quality of movement in the ensemble and as an individual. Students will also continue to develop choreography skills and create their own piece.

Dance Techniques 4 Honors (PF)

Course No: 0300334, Credit 1.0 Weight 0.5

Pre-Req: Dance Tech 3 or Teacher Rec

Students in this year-long, intermediate level course, designed for dancers who have mastered the basics in two or more dance forms, build technical and creative skills with a focus on developing the aesthetic quality of movement in the ensemble and as an individual.

video formats. The instructional focus will be on film. As they become more adept at using the tools and techniques available to them, students design and produce digital animated images through the single or combined use of computers, digital cameras, digital video cameras, scanners, proto editing software, drawing and painting software, graphic tablets, printers, new media, and emerging technologies. Through the critique process, students evaluate and respond to their own designs and images and those of their peers to measure artistic growth with increasing sophistication and independence to promote risk-taking in the completion of conceptually based, self-directed work. This course incorporates hands-on activities, the use of technology, and consumption of art materials.

Literature in the Media Honors

Course No: 1005365, Credit 1.0 Weight 0.5

Pre-req: Film 3 Honors

The purpose of this course is to enable students to develop knowledge of the narrative parallels between traditional (print) literary texts and 21st century (multimedia in all its digital platforms) texts. Through integrated educational experiences of extensive viewing and reading, writing and language, students will study a variety of digital platforms, film, and television, including the use of graphics in these formats.

IB Film Studies 2 (PF)

Course No: 0107472, Credit 1.0 Weight 1.0

Pre-Req: TCF Production, DVT, or Film 3 & Rec

The purpose of this subsidiary level (SL) course is to enable the student, through the study and analysis of film texts and exercises in film making to explore film history, theory, and socioeconomics background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. The course emphasizes the importance of working individually and as a member of a group. Students are encouraged to develop professional and technical skills (including organizational skills) needed to express themselves creatively in film. Students are expected to submit the SL film portfolio at the end of the year.

IB Film Studies 3 (PF)

Course No: 0107474, Credit 1.0 Weight 1.0

Pre-Req: IB Film Studies 2

The purpose of this higher level (HL) course is to enable the student, through the study and analysis of film texts and exercises in filmmaking, to explore film history, theory, and socioeconomic background. The course develops students' critical abilities, enabling them to appreciate the multiplicity of cultural and historical perspectives in film. The course emphasizes the importance of working individually and as a member of a group. Students are encouraged to develop the professional and technical skills (including organizational skills) needed to express themselves creatively in film. Students lead a focused investigation of a subject matter from ideation to completion. Students select a theme, develop a concept, and prepare the work for public viewing, portfolio, distribution, and/or exhibit. This course may include, but is not limited to, research, collaboration, installation, history of photography, making connections to contemporary and community photographers, and critiquing with varied techniques. Processes, techniques, and media may include, but are not limited to, video, film, high speed photography, studio lighting, flash, long exposure, formal portraiture. Students are expected to submit the HL IB film portfolio at the end of year.

Arts- Instrumental Music

Concert Band (PF)

Course No: 1302300, Credit 1.0

Pre-Req: Middle School Band

The purpose of this course is to enable students to develop basic technical skills on wind or percussion instruments through the refinement and performance of **high school** band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.

Guitar (PF)

Course No: 1301320, Credit 1.0

Pre-Req: None

The purpose of this course is to enable students to develop basic skills in guitar performance, including interpretation of notation and performance in varied styles.



Jazz Ensemble (PF)

Course No: Multiple over 4 years, Credit 1.0

Pre-Req: Audition, Band Director Approval

The purpose of this course is to enable students to develop basic skills in jazz performance through knowledge of styles and performance techniques of varied jazz and contemporary literature. Jazz ensemble must be taken concurrently with concert, symphonic or wind, unless rhythm instrument (bass, piano, guitar). Jazz Ensemble 1-4 are offered at Nease for a four- year progression. Advanced jazz ensemble (Year 2-4 only) is available for students recommended by Band Director. Year 4 is an honors level weighting.

Percussion Techniques (PF)

Course No: Multiple over 4 years, Credit 1.0

Pre-Req: Placement by the Band Director

Focuses on percussion techniques in a setting where all students are performing same style instruments. Incorporate indoor percussion performance opportunities that can be developed during the school day rather than ONLY after school. Also allowed for students who play multiple instruments to take alongside a concert/jazz class.

Symphonic Band (PF)

Course No: Multiple over 4 years, Credit 1.0

Pre-Req: Audition, Placement by Band Director

The purpose of this course is to enable students to develop intermediate-level technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, and critical listening. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.



Wind Ensemble (PF)

Course No: Multiple, Credit 1.0 Weight 0.5

Pre-Req: Audition, Placement by Band Director

The purpose of this course is to enable students to develop advanced technical skills on wind or percussion instruments through the refinement and performance of high school band literature. Emphasis will be placed on the development of skills in interpretation of notation and expressive markings, individual and ensemble performance, critical listening, and aesthetic response. Students enrolled in this course are members of the Marching Band. This course includes after school and weekend activities.



Arts- Theatre

Musical Theatre 1 (PF)

Course No: 0400700, Credit 1.0

Students learn from the styles and techniques used by well-known singer-actor-dancers and choreographers to build a performance portfolio for auditions and/or interviews. Students examine the contributions of major writers, composers, lyricists, and choreographers of musical theatre and learn to analyze the structures, stories, and settings of musical theatre exemplars to understand how those components serve the story and concept. Students extend their dance and movement techniques required to sing and dance at the same time. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Musical Theatre 2 (PF)

Course No: 0400710, Credit 1.0

Pre-Req: Musical Theatre 1

Students learn from the styles and techniques used by well-known singer-actor-dancers and choreographers to build a performance portfolio for auditions and/or interviews. Students examine the contributions of major writers, composers, lyricists, and choreographers of musical theatre and learn to analyze the structures, stories, and settings of musical theatre exemplars to understand how those components serve the story and concept. Students extend their dance and movement techniques required to sing and dance at the same time. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Musical Theatre 3 (PF)

Course No: 0400720, Credit 1.0

Pre-Req: Musical Theatre 2

Students refine their audition techniques and performance/audition portfolio and consider the contributions of musical theatre in the community and beyond. Students select several pieces to showcase their abilities and become conversant about individuals who, currently and in the past, are considered major contributors to the field. Students refine their dance and movement techniques required to sing and dance for long periods of time in rehearsals and performance. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom.

Theatre 1 (PF)

Course No: 0400310, Credit 1.0

This course is designed for students with little or no theatre experience and promotes enjoyment and appreciation for all aspects of theatre. Classwork focuses on the exploration of theatre literature, performance, historical and cultural connections, and technical requirements. Improvisation, creative dramatics, and beginning scene work are used to introduce students to acting and character development. Incorporation of other art forms in theatre also helps students gain appreciation for other art forms, such as music, dance, and visual arts.

Theatre 2 (PF)

Course No: 0400320, Credit 1.0

Pre-Req: Theatre 1 & Teacher Rec

This course is designed for students with a year of experience or more and promotes enjoyment and appreciation for all aspects of theatre through opportunities to build significantly on existing skills. Classwork focuses on characterization, playwriting, and playwrights' contributions to theatre; while improvisation, creative dramatics, and scene work are used to help students challenge and strengthen their acting skills and explore the technical aspect of scene work.



Theatre 3 Honors (PF)

Course No: 0400330, Credit 1.0 Weight 0.5

Pre-Req: Theatre 2 & Teacher Rec

This course is designed for students with significant experience in theatre and promotes depth of engagement and lifelong appreciation for theatre through a broad spectrum of teacher-assigned and self-directed study and performance. Students regularly reflect on aesthetics and issues related to and addressed through theatre and create within various aspects of theatre in ways that are progressively more innovative. In keeping with the rigor expected in an accelerated setting, students assemble a portfolio that showcases a significant body of work representing personal vision and artistic growth over time; mastery of theatre skills and techniques in one or more areas; and evidence of significant oral and written analytical and problem-solving skills based on their structural, historical, and cultural knowledge.

Theatre 4 Honors (PF)

Course No: 0400340, Credit 1.0 Weight 0.5

Pre-Req: Theatre 3 & Teacher Rec

This course is designed for students with extensive experience in theatre and promotes significant depth of engagement and lifelong appreciation for theatre through a broad spectrum of primarily self-directed study and performance. In keeping with the rigor expected in an accelerated setting, students assemble a portfolio that showcases a significant body of work representing personal vision and artistic growth over time; mastery of theatre skills and techniques in one or more areas; and evidence of sophisticated oral and written analytical and problem-solving skills based on their structural, historical, and cultural knowledge.

Art- Visual Arts

Class Fees: \$40 for Level 1 & 2 classes and Pre-IB, \$50 for Level 3, Portfolio Development, AP, IB Juniors and Seniors, \$15 additional sketchbook fee for advanced students requiring a new sketchbook.

Ceramics/Pottery 1 (PF)

Course No: 01023305, Credit 0.5

The purpose of this course is to enable students to recognize the properties, possibilities, and limitations of clay by creating functional and nonfunctional works of ceramics and pottery using basic hand-building techniques.

If you choose to take Ceramics/Pottery 1, this will be paired with 2D Art. One course will be taken in the 1st semester, and the other will be taken in the 2nd semester.

Creating 2D Art (PF)

Course No: 0101355, Credit 0.5

Students investigate a wide range of media and techniques, from both a historical and contemporary perspective, as they engage in the art-making processes of creating two-dimensional works, which may include drawing, painting, printmaking, and/or collage. Student artists reflect on their own artwork and that of others through critical analysis to achieve artistic goals related to craftsmanship, technique, and application of 21st century skills. This course incorporates hands-on activities and consumption of arts materials.

If you choose to take Creating 2D Art, this will be paired with Ceramics and Pottery 1. One course will be taken in the 1st semester, and the other will be taken in the 2nd semester.



Two-Dimensional Studio Art 2 (PF)

Course No: 0101310, Credit 1.0

Pre-Req: 2D Studio Art 1 or equivalent

Students develop and refine technical skills and create 2D compositions with a variety of media in drawing, painting, printmaking, collage, and/or design. Student artist sketch, manipulate, and refine the structural elements of art to improve mark making and/or organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers.

Ceramics/Pottery 2 (PF)

Course No: 0102310, Credit 1.0

Pre-Req: Ceramics 1 & Teacher Rec

The purpose of this course is to enable students to recognize the properties, possibilities, and limitations of clay by creating functional and nonfunctional works of ceramics and pottery using advanced hand-building and intermediate-level hand building and basic wheel-throwing techniques.

Ceramics/Pottery 3 Honors (PF)

Course No: 0102320, Credit 1.0 Weight 0.5

Pre-Req: Ceramics 2 & Teacher Rec

The purpose of this course is to enable students to recognize the properties, possibilities, and limitations of clay by creating functional and non-functional works of ceramics and pottery using advanced hand-building and intermediate level wheel-throwing and firing techniques.



Creative Photography 2 (PF)

Course No: 0108320, Credit 1.0

Pre-Req: 2D Studio Art or Creative Photo 1

Students experiment with a variety of photographic media and techniques and make connections with historical and contemporary photographers to develop a focused body of work. This course may include, but is not limited to, researching the history of photography, making connections to contemporary and community photographers, critiquing with varied techniques, and experimenting with a variety of photographic media. Processes and techniques include, but are not limited to, handcrafted pinhole cameras, hand-tinted photographs, mixed media, cyanotypes, medium format, photo collage, cross-processing, creative filters, infrared and slide film, night photography, macro, panoramic, and/or digital output via a variety of media. Craftsmanship and quality are reflected in the surface of the prints, care of the materials, attention to compositional conventions, and expression of ideas and feelings. Photographers use an art criticism process to evaluate, explain, and measure artistic growth in personal or group work.

Drawing 2 (PF)

Course No: 0104350, Credit 1.0

Pre-Req: 2D Studio or Drawing 1

Students develop and refine technical skills and create 2D compositions with a variety of media in drawing. Student artist sketch, manipulate, and refine the structural elements of art and improve mark making and/or the organizational principles of design in composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers.



Portfolio Development: 2-D Design Honors (PF)

Course No: 0109320, Credit 1.0 Weight 0.5

Pre-Req: Teacher Recommendation

Students work in a self-directed environment to develop a portfolio showing a body of their own work that visually explores a particular artistic concern, articulated, and supported by a written artist's statement. Artists may work in, but are not limited to, content in drawing, painting, digital photography, and/or new media and emerging technologies that demonstrate understanding of design principles as applied to a 2-dimensional surface. Students regularly reflect on aesthetics and art issues individually and as a group and manipulate the structural elements of art and organizational principles of design to create two-dimensional works of art that are progressively more innovative and representative of the student's artistic and cognitive growth. In keeping with the rigor expected in an accelerated setting, students' portfolios show personal vision and artistic growth over time, mastery of visual art skills and techniques, and evidence of sophisticated analytical and problem-solving skills based on their structural, historical, and cultural knowledge. Students are self-directed and display readiness for high levels of critical thinking, research, conceptual thinking, and creative risk-taking.

Portfolio Development: 3-D Design Honors (PF)

Course No: 0109330, Credit 1.0 Weight 0.5

Pre-Req: Teacher Recommendation

The purpose of this course is to study and produce a variety of sophisticated, original, and creative two- and three- dimensional works of art.

Portfolio Development: Drawing Honors (PF)

Course No: 0109310, Credit 1.0 Weight 0.5

Pre-Req: Teacher Recommendation

Students work in a self-directed environment to develop a portfolio showing a body of their own work that visually explores a particular artistic concern, articulated and supported by a written artist's statement. Artists may work in, but are not limited to, content in drawing, painting, printmaking, and/or mixed media that emphasizes line quality, rendering of form, composition, surface manipulation, and/or illusion of depth. Students regularly reflect on aesthetics and art issues individually and as a group and focus on expressive content that is progressively more innovative and

representative of the student's artistic and cognitive growth. In keeping with the rigor expected in an accelerated setting, students' portfolios show personal vision and artistic growth over time, mastery of visual art skills and techniques, and evidence of sophisticated analytical and problem-solving skills based on their structural, historical, and cultural knowledge. Students are self-directed and display readiness for high levels of critical thinking, research, conceptual thinking, and creative risk-taking. This course incorporates hands-on activities and consumption of art materials.

Advanced Placement (AP) Studio Art: 2-D Art & Design (PF)

Course No: 0109350, Credit 1.0 Weight 1.0

Pre-Req: Teacher Recommendation

This Advanced Placement course is intended to address a very broad interpretation of two-dimensional (2-D) design issues. This type of design involves purposeful decision-making about how to use the elements and principles of art in an integrative way. The course is for the advanced student who wishes to seek AP credit through submitting a portfolio of work for consideration by College Board.

Advanced Placement (AP) Studio Art: 3-D Art & Design (PF)

Course No: 0109360, Credit 1.0 Weight 1.0

Pre-Req: Teacher Recommendation

This AP course is intended to address a very broad interpretation of sculptural issues in (3-D) design. Such elements and concepts may be articulated through additive, subtractive and/or fabrication processes. It is for the advanced student who wishes to seek AP credit through submitting a portfolio of work for College Board.

Advanced Placement (AP) Art- Drawing Portfolio (PF)

Course No: 0104300, Credit 1.0 Weight 1.0

Pre-Req: Portfolio 2D or Portfolio Drawing & Teacher Rec

The purpose of this course is to give advanced students the opportunity to develop quality, concentration, discipline, and breadth in drawing. Students are expected to take a final AP exam.

Pre-IB Art 1 (PF)

Course No: 0114800, Credit 1.0 Weight 0.5

Pre-Req: Pre-IB Program or Teacher Rec

In this introductory pre-IB course, students are prepared for progression into the 2-year IB Diploma Program (DP) Visual Arts Course. Students are guided through Theoretical Practice and the Art-Making Practice or “Thinking” and “Making” of their own unique artwork. This first year the students will explore a variety of art making materials and processes with an introduction to artistic critical analysis of individual works and exhibitions with a primary focus on “Thinking” and “Making”. The major objective of the fall semester is a broad exposure to a diversity of art-making styles which will span a variety of 2 and 3 dimensional disciplines, and the spring will focus the students’ efforts on higher quality works over a longer period. The entire course of creative exploration this year should be documented in a Visual Arts Journal (Sketchbook) which will be used in support of your Process Portfolio (PP) portion of the External Assessment in year 2 of the DP.

Pre-IB Art 2 (PF)

Course No: 0114810, Credit 1.0 Weight 0.5

Pre-Req: Pre-IB Art 1 & Teacher Rec

The second Pre-IB course, students are further prepared for progression into the 2-year IB Diploma Program (DP) Visual Arts Course. Students are guided through Theoretical Practice and the Art-Making Practice or “Thinking” and “Making” of their own unique artwork. The major objective of this second course is to continue to expand on the quality works to be further explored in IB Visual Art 2 and 3. The entire course of creative exploration this year should continue to be documented in a Visual Arts Journal (Sketchbook) which will be used in support of your Process Portfolio (PP) portion of the External Assessment in year 2 of the DP.

IB Visual Arts 2 (PF)

Course No: 0114825, Credit 1.0 Weight 1.0

Pre-Req: Pre-IB Art 2 & Teacher Rec

Year 1 of the 2-year, group 6 elective choice for IB students. Students will be involved in research and understanding of art from a variety of contexts and traditions; make artwork through the exploration and acquisition of skills, techniques, and processes through a variety of media and methods. Students analyze and compare artworks, objects, or artifacts by different artists. This independent critical and contextual investigation should explore artworks, objects, and artifacts from differing cultural contexts.

IB Visual Arts 3 (PF)

Course No: 0114835, Credit 1.0 Weight 1.0

Pre-Req: IB Visual Arts 2 & Teacher Rec

Year 2 of the Group 6 elective choice for IB students. Students will be involved in research and understanding of art from a variety of contexts and traditions; make artwork through the exploration and acquisition of skills, techniques, and processes through a variety of media and methods. Students analyze and compare artworks, objects, or artifacts by different artists. This independent critical and contextual investigation should explore artworks, objects, and artifacts from differing cultural contexts.

Business Management

Business and Entrepreneurial Principles Honors (CTE)

Course No: 8215120, Credit 1.0 Weight 0.5

Pre-Req: Algebra 1 Honors

This course is designed to introduce business organization, management, and entrepreneurial principles. Topics include communication skills, various forms of business ownership and organizational structures, supervisory/management skills, leadership skills, human resources management activities, business ethics, and cultural diversity. Emphasis is placed on job readiness and career development. The use of computers is an integral part of this program.

Accounting Applications Honors (CTE)

Course No: 1700361, Credit 1.0 Weight 0.5

Pre-Req: Business & Entrepreneurial Principles (can be taken concurrently if pursuing IB Business progression)

This course emphasizes double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording income, expenses, acquisition of assets, incurrence of liabilities, and changes in equity; and the preparation of financial statements. The use of computers and appropriate software is required.

Management and Human Resources

Course No: 8301110, Credit 1.0 Weight 0.5

This course explores the reach and impact of managing people, one of the most important resources of an organization. Students are required to perform higher-level strategic thinking. Topics include; management policy development, evaluating organizational effectiveness, sourcing and recruitment, hiring and retention planning, employee training, performance appraisals, compensation and benefit programs, maintaining working conditions, and providing a safe working environment.

IB Business Management 2

Course No: 2102440, Credit 1.0 Weight 1.0

This is the 1st year of a two-year elective choice for the IB sixth subject area. Students who are not in the IB program may take this course if recommended by the teacher. Students are required to take IB Business Management 3 the following year. This course explores the reach and impact of managing people, one of the most important resources of an organization. Students are required to perform higher level strategic thinking. Topics include: management policy development, evaluating organizational effectiveness, sourcing and recruitment, hiring and retention planning, employee training, performance appraisals, compensation and benefit programs, maintaining working conditions and providing a safe work environment.

IB Business Management 3 (to be offered in 27-28)

Course No: 2102450, Credit 1.0 Weight 1.0

Pre-Req: IB Business Management 2



Computer Education

Foundations of Programming (CTE)

Course No: 9007210, Credit 1.0 Weight 0.5

Pre-Req: Algebra 1

The purpose of this course is to learn the skills required to be competitive in today's high-tech workforce. This course covers the fundamentals of programming using the computer language Python. It provides you with the concepts, techniques, and processes associated with computer programming and software development. You will also explore the vast programming career opportunities available in this high-demand field.

Foundations of Robotics (CTE)

Course No: 9410110, Credit 1.0 Weight 0.5

Pre-Req: Algebra 1

This course provides students with a foundation in content and skills associated with robotics and automation, including artificial intelligence, electronics, physics, and principles of engineering.

Robotic Design Essentials (CTE)

Course No: 9412010, Credit 1.0 Weight 0.5

Pre-Req: Foundations of Robotics

This course provides students with content and skills essential to the design and operation of robotics, including artificial intelligence, sensors, electronic devices, engineering technologies, motion physics, electrical motors, programming, simulation and modeling, and critical thinking skills.

Robotic Systems (CTE)

Course No: 9410130, Credit 1.0 Weight 0.5

Pre-Req: Robotic Design Essentials

This course provides students with extended content and skills essential to the design and operation of robotic systems, including artificial intelligence, specialized sensors, electronic applications, engineering technologies, environmental physics, manufacturing, topographical considerations, programming, communications, simulation and modeling, and critical thinking skills.

Advanced Placement Computer Science Principles

Course No: 0200335, Credit 1.0 Weight 1.0

Pre-Req: Foundations of Programming

AP Computer Science Principles introduces you to the foundations of computer science with a focus on how computing powers the world. Along with the fundamentals of computing, you will learn to analyze data, create technology that has a practical impact, and gain a broader understanding of how computer science impacts people and society. Students are expected to take a final AP exam.

Advanced Placement Computer Science A

Course No: 0200320, Credit 1.0 Weight 1.0

Pre-Req: AP Computer Science Principles

AP Computer Science A is an introductory course in computer science. Students will learn the Java programming language and develop the skills required to write programs or parts of programs to correctly solve specific problems. Students will learn design techniques to make programs understandable, adaptable, and reusable. Major themes within this course are data structures and object-oriented programming. Students are expected to take a final AP exam.

IB Computer Science 3

Course No: 0200820, Credit 1.0 Weight 1.0

Pre-Req: AP Computer Science A & Teacher Rec

This is the 2nd year of the two-year course elective choice for the IB sixth subject area. Students who are not in the IB program may take this course if recommended by the teacher and there is room available. The IB Computer Science course is a rigorous and practical problem-solving discipline. This course requires an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. During this course, students will develop the skills/ability needed to identify a problem or unanswered question(s); design, prototype and test a proposed solution; liaise with clients to evaluate the success of the proposed solution and make recommendations for future developments.

Exceptional Student Education

Learning Strategies

Course No: 7963080, Credit 1.0

Pre-Req: IEP Service

The purpose of this course is to provide instruction that enables students with disabilities to acquire and use strategies and skills to enhance their independence as learners in educational and community settings.

Unique Skills

Course No: 7963170, Credit 1.0

This course is designed for students with disabilities who need intensive individualized intervention in curriculum and learning skills and strategies. A student may repeat this course. The course requirements that the student should master each year must be specified on an individual basis and relate to achievement of annual goals on the student's IEP.

Experiential Education

Co-Op- Executive Intern 1-4

Course No: 0500300, 0500310, 0500320, 0500330, Credit 1.0/course code

Pre-Req: Application Required

Students learn employability skills through on-the-job training while in high school. Students in Executive Internship courses are responsible for finding a job and maintaining employment throughout the school year. Each period of Executive Internship requires that the student work a minimum of 5 hours per week. Students must turn in proof-of-work paperwork at the end of each month in the form of paystubs, official schedules, or timecards from their place of business which show the number of hours they worked. Students are also required to turn in monthly supervisor evaluation forms, which show they are demonstrating acceptable employability skills at their place of work.

Co-Op- Marketing Cooperative Education (CTE)

Course No: 8800410, Credit 1.0

Pre-Req: Sports, Rec, and Ent Apps & Sports, Rec, and Ent Marketing, Application Required

Students learn employability skills through on-the-job training while in high school to include sales and/or marketing. This is the 3rd course in Sports Marketing progression. This course is not eligible for Gold Seal.

On Campus Internship- Voluntary Public Service/ Peer Counseling

Course No: 0500370/1400300, Credit 0.5 VPS/0.5 Peer Counseling

Pre-Req: 11th or 12th Grade & Counselor Rec.

Students learn and practice employability skills through active assistance at an assigned on-campus location. In this course, students must be able to follow directions, work well independently and collaboratively, present a professional demeanor, and complete assigned tasks to help the Nease campus run efficiently.



Humanities

Advanced Placement (AP) Art History (PF)

Course No: 0100300, Credit 1.0 Weight 1.0

Pre-Req: Meet Honors Criteria

The purpose of this course is to introduce students to the appreciation of works of art, the intelligent examination of works of art, and to the major forms of artistic expression in Western art from 1400 to the present. Students are expected to take a final AP exam.

Advanced Placement (AP) Capstone Seminar

Course No: 1700500, Credit 1.0 Weight 1.0

Pre-Req: Meet Honors Criteria

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts, listening to and viewing speeches, broadcasts, and personal accounts, and experiencing artistic works and performances. This course is required for the AP Diploma.

Advanced Placement (AP) Research

Course No: 1700510, Credit 1.0 Weight 1.0

Pre-Req: AP Capstone Seminar

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research-based investigation to address a research question. This course is required for the AP Diploma.

Dual Enrollment (DE) Art Appreciation (PF)

Course No: ARH1000, Credit 0.5 Weight 1.0

Pre-Req: Must meet St. Johns River State College DE Eligibility

Art Appreciation focuses on identifying and analyzing works of art in terms of formal elements and principles of design, and placing it in historical, social, and cultural context from the dawn of recorded time until the contemporary era. Also, through study of media and methods, students will gain access to basic skills and be able to demonstrate an application to the concept of art in a worldwide context. Lastly, students will discover

the methods and rationales for the proper communication, oral and written, of art. Students will further demonstrate understanding of core concepts through writing, class discussion, and rudimentary art projects, however no prior art skills are required.

If you choose to take DE Art Appreciation, this will be paired with DE Draw 1. One course will be taken in the 1st semester, and the other will be taken in the 2nd semester.

Dual Enrollment (DE) Draw 1 (PF)

Course No: ART1300C, Credit 0.5 Weight 1.0

Pre-Req: Must Meet SJR State College DE Eligibility

Structured to develop basic drawing techniques by concentration of elements of descriptive drawing-line, proportion, composition, and full value-using a wide range of media.

If you choose to take DE Draw 1, this will be paired with DE Art Appreciation. One course will be taken in the 1st semester, and the other will be taken in the 2nd semester.

Dual Enrollment (DE) Life & Career Development

Course No: SLS1301, Credit 0.5 Weight 1.0

Pre-Req: Must Meet St. Johns River State College DE Eligibility

Great introductory course to Dual Enrollment. This course is designed to aid the college student in career planning. The course discusses the areas of employment market as well as appropriate educational programs in preparing for those employment areas. Modern techniques and standardized testing are utilized in assisting the student in personal career choice. Students will be involved in activities that provide opportunities for exploration and practice in job-seeking techniques, resume writing, life and career choices and interviewing skills. This course is paired with American Government Honors.

IB Theory of Knowledge 1

Course No: 0900800, Credit 1.0 Weight 1.0

Pre-Req: IB Student

The purpose of this course is to make explicit through analysis, comparison and interdisciplinary integration, the concepts of knowledge and their verification in the disciplines of mathematics, natural sciences, human sciences, history, and in moral, political and aesthetic judgments. Theory of Knowledge 1 is assessed through an end-of-year three piece oral and visual exhibition, uploaded to the IBO. The Extended Essay (EE) and Creativity, Action, and Service (CAS) will be worked on throughout the entirety of the course.

IB Theory of Knowledge 2

Course No: 0900810, Credit 1.0 Weight 1.0

Pre-Req: IB TOK 1

The purpose of this course is to make explicit through analysis, comparison and interdisciplinary integration, the concepts of knowledge and their verification in the disciplines of mathematics, natural sciences, human sciences, history, and in moral, political and aesthetic judgments. Theory of Knowledge 2 is assessed through a 1,600-word essay, uploaded to the IB. The Extended Essay will be submitted within the first two months of TOK 2 and the culmination of the CAS experience will take place by April.

Language Arts English

AICE General Paper

Course No: 1009400, Credit 1.0 Weight 1.0

Pre-Req: Meet Honors Criteria

The Cambridge International AS Level English General Paper encourages learners to engage with a variety of topics, including knowledge and understanding gained from study of other subjects. They learn to become confident in analyzing knowledge and opinion from a variety of sources, to build arguments and to communicate through written English.

AP English Language and Composition

Course No: 1001420, Credit 1.0 Weight 1.0

Pre-Req: Meet Honors Criteria & Teacher Rec

The purpose of this course is to provide students with an understanding of the semantic, structural, and rhetorical resources of the English language as they relate to the principles of effective writing. The course also provides a variety of writing opportunities calling for the use of different styles and tones. Students are expected to take a final AP exam.

AP English Literature and Composition

Course No: 1001430, Credit 1.0 Weight 1.0

Pre-Req: Meet Honors Criteria & Teacher Rec

The purpose of this course is to study and practice writing and to study literature. Students will learn to use the modes of discourse and recognize the assumptions underlying various rhetorical strategies. Students will also acquire an understanding of the resources of the language and of the writer's craft. They will develop critical standards for the appreciation of any literary work and increase their sensitivity to literature as shared experience. Students are expected to take a final AP exam.

English 1

Course No: 1001310, Credit 1.0

The purpose of this course is to build upon previous years' language arts experiences, emphasizing a survey of literary genres, the writing process, reading strategies, study skills and vocabulary development.



English 1 Honors

Course No: 1001320, Credit 1.0 Weight 0.5

Pre-Req: Meet Honors Criteria

The purpose of this course is to build upon previous years' language arts experiences through accelerated, in-depth studies emphasizing a survey of literary genres, writing process, reading strategies, study skills and vocabulary development.

English 2

Course No: 1001340, Credit 1.0

Pre-Req: English 1

The purpose of this course is to build upon previous years' language arts experiences emphasizing a survey of world literature, advanced reading strategies, modes of writing including expository, persuasive, narrative and descriptive.

English 2 Honors

Course No: 1001350, Credit 1.0 Weight 0.5

Pre-Req: English 1 & Meet Honors Criteria

The purpose of this course is to build upon previous years' language arts experiences through accelerated, in-depth studies emphasizing a survey of world literature, advanced reading strategies, modes of writing including expository, persuasive, narrative and descriptive.

English 3

Course No: 100730, Credit 1.0

Pre-Req: English 2

The purpose of this course is to build upon previous years' language arts experiences and to emphasize the research process and a survey of American literature.

English 3 Honors

Course No: 1001380, Credit 1.0 Weight 0.5

Pre-Req: English 2 & Meet Honors Criteria

The purpose of this course is built upon previous years' language arts experiences through accelerated, in-depth studies emphasizing the research process and a survey of American literature.

English 4

Course No: 1001400, Credit 1.0 Weight 0.5

Pre-Req: English 3

This course incorporates reading and writing study through writing a variety of informative texts using grade-level writing craft and through the in-depth reading and analysis of informational selections in order to develop critical reading and writing skills necessary for success in college courses. This course prepares students for successful completion of Florida college English courses.

IB English 4

Course No: 1001830, Credit 1.0 Weight 0.5

Pre-Req: Placement in IB Program

The purpose of this course is to develop independent critical competency in the study of literature and to foster a high level of achievement in writing, reading, and speaking.

Pre-IB English 1

Course No: 1001800, Credit 1.0 Weight 0.5

Pre-Req: Placement in IB Program

This course will include the following: instruction in the backgrounds and critical analyses of major literary works representing various genres; composition focusing on use of the writing process in logical and critical modes and including the use of research skills; vocabulary study, including the determination of Latin and Greek influences on the English language; advanced vocabulary for college-bound students.



Reading

Intensive Reading 1

Course No: 1000412, Credit 1.0

Pre-Req: 8th grade FAST ELA of Level 1

The purpose of this course is to provide remedial instruction and practice in reading skills for students reading below grade level.

Intensive Reading 2

Course No: 1000414, Credit 1.0

Pre-Req: 9th Grade FAST ELA of Level 1

The purpose of this course is to provide remedial instruction and practice in reading skills for students reading below grade level.

Intensive Reading 3

Course No: 1000416, Credit 1.0

Pre-Req: 10th Grade FAST ELA of Level 1

The purpose of this course is to provide remedial instruction and practice in reading skills for students reading below grade level.

Intensive Reading 4

Course No: 1000418, Credit 1.0

Pre-Req: 10th grade FAST ELA of Level 1 or 2

The purpose of this course is to provide remedial instruction and practice in reading skills for students reading below grade level.

Electives

Creative Writing 1

Course No: 1009320, Credit 0.5

The purpose of this course is to develop writing and language skills needed for individual expression in literary forms.

If you choose to take Creative Writing 1, Creative Writing 1 will be taken in the first semester and Creative Writing 2 will be taken in the second semester.

Creative Writing 2

Course No: 1009330, Credit 0.5

Pre-Req: Creative Writing 1

The purpose of this course is to extend the development of the writing and language skills needed for individual expression in the literary forms as introduced in Creative Writing 1.

If you choose to take Creative Writing 1, Creative Writing 1 will be taken in the first semester and Creative Writing 2 will be taken in the second semester.

Creative Writing 3 Honors

Course No: 1009331, Credit 1.0 Weight 0.5

Pre-Req: Creative Writing 1 & 2 & Teacher Rec

The purpose of this course is to enable students to develop and use advanced writing and language skills for advanced creative expression in a variety of literary forms. Emphasis will be on development of a personal writing style. Studying and modeling a variety of genres will be emphasized at this level of creative writing.

Creative Writing 4 Honors

Course No: 1009332, Credit 1.0 Weight 0.5

Pre-Req: Creative Writing 3 & Teacher Rec

The purpose of this course is to enable students to develop and use complex writing and language skills for advanced creative expression in a variety of literary forms. Emphasis will be on development of a personal writing style. Studying and modeling a variety of genres will be emphasized at this level of creative writing.

Creative Writing 5 Honors

Course No: 1006331CW, Credit 1.0 Weight 0.5

Pre-Req: Creative Writing 4 & Teacher Rec.

The purpose of this course is to enable students to develop and use complex writing and language skills for advanced creative expression in a variety of literary forms. Emphasis will be on development of a personal writing style. Studying and modeling a variety of genres will be emphasized at this level of creative writing.

Journalism 1

Course No: 1006300, Credit 1.0

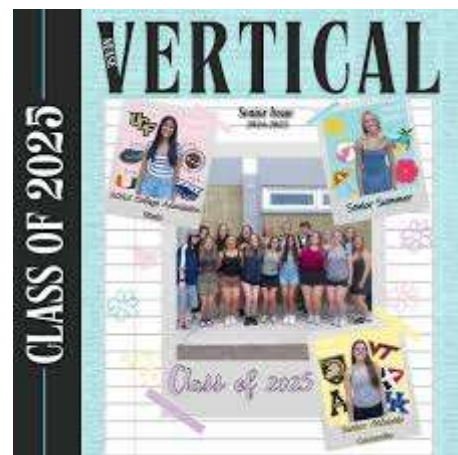
The purpose of this course is to perform advanced skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop advanced knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media.

Journalism 5-8 Honors (Newspaper)

Course No: Multiple, Credit 1.0 Weight 0.5

Pre-Req: Application and Teacher Rec.

The purpose of this course is to perform advanced skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop advanced knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. School and professional publication efforts are expected.



Journalism 5-8 (Yearbook)

Course No: Multiple, Credit 1.0 Weight 0.5

Pre-Req: Application and Teacher Rec

The purpose of this course is to perform advanced skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop advanced knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. School and professional publication efforts are expected.



Speech (PF)

Course No: 1007300, Credit 1.0

The purpose of this course is to provide instruction in the fundamentals of formal and informal oral communication.



Writing for College Success

Course No: 1009370, Credit 0.5

This course incorporates language study, the practice of writing craft strategies, and the analysis of writing selections to develop critical writing skills necessary for success in college courses, preparing students for successful completion of Florida college English courses regarding extensive grade-level writing.



This course will be paired with American Government. Students will complete American Government in one semester and Writing for College Success in the other semester.

Mathematics

Algebra 1-A

Course No: 1200370, Credit 1.0

Co-Req: Algebra 1

Recommended for students who struggled in Pre-Algebra and scored a level 1 or 2 on their math FAST exam. The purpose of this course is to develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems. In Algebra 1-A, instructional time will emphasize four areas: (1) extending understanding of functions to linear functions and using them to model and analyze real-world relationships; (2) solving linear equations and inequalities in one variable and systems of linear equations and inequalities in two variables; (3) building linear functions, identifying their key features and representing them in various ways and (4) representing and interpreting categorical and numerical data with one and two variables.

If you are recommended to take Algebra 1A and Algebra 1, this will take up 2 class periods for the entire school year. You will have the opportunity to earn 2 full math credits by the end of the school year.

Algebra 1

Course No: 1200310, Credit 1.0

Pre-Req: Pre-Algebra

Recommended for students who completed Pre-Algebra and scored a level 2 or 3 on the Math FAST exam. This course, or its equivalent, is a required course for graduation. The critical areas of this course deepen and extend understanding of the number system and of linear and exponential relationships by contrasting them with each other and by applying linear models to statistical data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The standards for these critical areas fall into three reporting categories: Algebra and Modeling; Functions and Modeling, and Statistics and the Number System. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of real-world scenarios. Students must participate in the State End-of-Course exam, which must be passed to graduate and counts as 30% of overall course grade.

Algebra 1 Honors

Course No: 1200320, Credit 1.0 Weight 0.5

Recommended for students who completed Pre-Algebra and scored a level 4 or 5 on the Math FAST exam. This course is a rigorous study designed for the student who excels in both ability and performance in mathematics. The critical areas of this course deepen and extend understanding of the number system and of linear and exponential relationships by contrasting them with each other and by applying linear models to statistical data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The standards for these critical areas fall into three reporting categories: Algebra and Modeling; Functions and Modeling, and Statistics and the Number System. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of real-world scenarios. Students must participate in the State End-of-Course examination, which must be passed to graduate and counts as 30% of overall course grade.

Algebra 2

Course No: 1200330, Credit 1.0

Pre-Req: Level 3 or higher on Algebra 1 EOC

This second course in algebra is designed for college bound students. This course builds on work with linear, quadratic, and exponential functions, and extends student repertoire of functions to include polynomial, rational, and radical functions. Students will work closely with the expressions that define the functions and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The standards for this course fall into three reporting categories: Algebra and Modeling; Functions and Modeling, and Statistics and the Number System. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of real-world scenarios.

Algebra 2 Honors

Course No: 1200340, Credit 1.0 Weight 0.5

Pre-Req: Algebra 1, Meets Honors Criteria

Recommended for students who earned a level 4 or 5 on the Algebra 1 EOC.

This course is a rigorous study designed for the student who excels both in ability and performance in college preparatory mathematics. This course builds on work with linear, quadratic, and exponential functions, and extends student repertoire of functions to include polynomial, rational, and radical functions. Students will work closely with the expressions that define the functions and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The standards for this course fall into three reporting categories: Algebra and Modeling; Functions and Modeling, and Statistics and the Number System. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of real-world scenarios.

Geometry

Course No: 1206310, Credit 1.0

Pre-Req: Algebra 1

Geometry is a course designed for college bound students. In this course, students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The standards for this course fall into three critical areas (reporting categories): Congruence, Similarity, Right Triangles and Trigonometry; Circles, Geometric Measurement and Geometric Properties with Equations, and Modeling with Geometry. The Standards for Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of real-world scenarios. This course emphasizes the relationship between Algebra and Geometry in preparation for Algebra 2. Students must take the State End of Course exam, which counts 30% of the overall course grade.

Geometry Honors

Course No: 1206320, Credit 1.0 Weight 0.5

Pre-Req: Algebra 1, Meets Honors Criteria

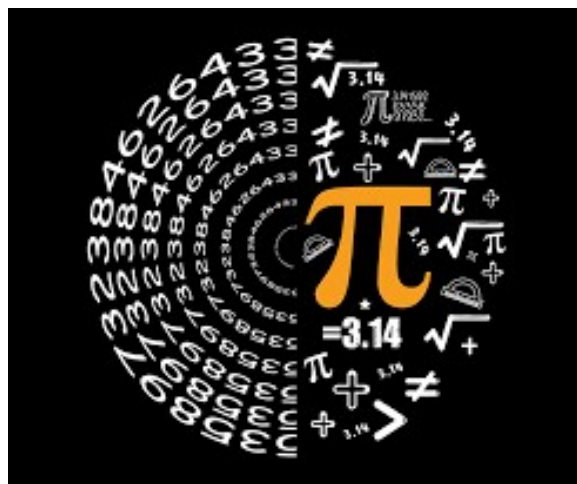
This course is designed for the student who excels in both ability and performance in college preparatory mathematics. This is a rigorous study in which students will explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The standards for this course fall into three critical areas (reporting categories): Congruence, Similarity, Right Triangles and Trigonometry; Circles, Geometric Measurement and Geometric Properties with Equations, and Modeling with Geometry. Extensive out-of-class preparation is required. This course emphasizes the relationship between Algebra and Geometry in preparation for Algebra 2 Honors. Students are required to take an end of course exam which counts for 30% of the overall grade at the end of the year.

Math for College Liberal Arts

Course No: 1207350, Credit 1.0

Pre-Req: Algebra 1

This course is recommended for students who scored a level 1 or 2 on the Algebra 1 EOC and need to review previous math concepts prior to moving to the next course. Instructional time will emphasize five areas: (1) analyzing and applying linear and exponential functions within a real-world context; (2) utilizing geometric concepts to solve real-world problems; (3) extending understanding of probability theory; (4) representing and interpreting univariate and bivariate data and (5) developing understanding of logic and set theory.



Math for College Algebra

Course No: 1200710, Credit 1.0

Pre-Req: Algebra 2

In Mathematics for College Algebra, instructional time will emphasize five areas: (1) developing fluency with the Laws of Exponents with numerical and algebraic expressions; (2) extending arithmetic operations with algebraic expressions to include rational and polynomial expressions; (3) solving one- variable exponential, logarithmic, radical and rational equations and interpreting the viability of solutions in real- world contexts; (4) modeling with and applying linear, quadratic, absolute value, exponential, logarithmic and piecewise functions and systems of linear equations and inequalities; (5) extending knowledge of functions to include inverse and composition.

Mathematics for ACT and SAT

Course No: 1209315, Credit 1.0

Elective math credit for students who have not passed the state assessments in Algebra 1 or Geometry and need to earn a concordant score on either the ACT or SAT for graduation purposes.

Math for Data & Financial Literacy

Course No: 1200384, Credit 1.0

Pre-Req: Algebra 1 & Geometry

Recommended for students who have completed Algebra 1 and Geometry but are not ready for Algebra 2.

Instructional time will emphasize five areas: (1) extending knowledge of ratios, proportions and functions to data and financial contexts; (2) developing understanding of basic economic and accounting principles; (3) determining advantages and disadvantages of credit accounts and short- and long-term loans; (4) developing understanding of planning for the future through investments, insurance and retirement plans and (5) extending knowledge of data analysis to create and evaluate reports and to make predictions.

Probability & Statistics with Applications Honors

Course No: 1210300, Credit 1.0 Weight 0.5

Pre-Req: Algebra 2 & Meet Honors Criteria

The purpose of this course is to introduce students to the fundamentals of descriptive and inferential statistics with a pronounced emphasis on inference. Major topics include Conditional Probability and the Rules of Probability; Making Inferences and Justifying conclusions; Interpreting Categorical and Quantitative Data and Using Probability to Make Decisions.

AP Pre-Calculus

Course No: 1202305, Credit 1.0 Weight 1.0

Pre-Req: Algebra 2 Honors & Meets Honors Criteria

This course is designed for the student who excels both in ability and performance in college preparatory mathematics and will strengthen the student's skill in preparation for calculus. Major topics include Limits and Continuity; The Complex Number System; Vector & Matrix Quantities; Arithmetic with Polynomials & Rational Expressions; Building Functions; Trigonometric Functions; Similarity, Right Triangles, & Trigonometry, and Expressing Geometric Properties with Equations. Students are expected to take a final AP exam.

AP Calculus AB

Course No: 1202310, Credit 1.0 Weight 1.0

Pre-Req: Pre-Calculus & Meets Honors Criteria

Calculus AB is primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The courses emphasize a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. The connections among these representations also are important. Major topics include Functions, Graphs, and Limits; Derivatives, and Integrals. Extensive out-of-class preparation is required. Students are expected to take a final AP exam.

AP Calculus BC

Course No: 1202320, Credit 1.0 Weight 1.0

Pre-Req: AP Calculus AB & Meets Honors Criteria

Calculus BC is an extension of Calculus AB rather than an enhancement: common topics require a similar depth of understanding. Major topics include Functions, Graphs, and Limits; Derivatives; Integrals, and Polynomial Approximations and Series.

Extensive out-of-class preparation is required.

Students are expected to take a final AP exam.

AP Statistics

Course No: 1210320, Credit 1.0 Weight 1.0

Pre-Req: Algebra 2 Honors or Stat Honors

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: 1. Exploring Data: Describing patterns and departures from patterns 2. Sampling and Experimentation: Planning and conducting a study 3. Anticipating Patterns: Exploring random phenomena using probability and simulation 4. Statistical Inference: Estimating population parameters and testing hypotheses. Extensive out-of-class preparation is required. Students are expected to take a final AP exam.

FACT College Algebra

Course No: 1200550, Credit 1.0 Weight 0.5

Pre-Req: Algebra 2, Meet Honors Criteria

In Florida Advanced Course and Test (FACT): College Algebra, instructional time will emphasize five areas: applying properties of exponents and logarithms using numerical and algebraic expressions; extending arithmetic operations with numerical and algebraic expressions to include radical and polynomial expressions; solving one-variable linear, absolute value, quadratic, polynomial, exponential, logarithmic, radical and rational equations, and interpreting the viability of solutions in real-world contexts; modeling and applying linear, absolute value, quadratic, polynomial, exponential and logarithmic functions to solve mathematical and real-world problems; and extending the knowledge of functions through compositions, transformations of parent functions and interpreting key features. Curricular content for

all subjects must integrate critical-thinking, problem-solving, and workforce-literacy skills; communication, reading, and writing skills; mathematics skills; collaboration skills; contextual and applied-learning skills; technology-literacy skills; information and media-literacy skills; and civic-engagement skills. Students enrolled in this course will take the FACT College Algebra exam. Students who pass this exam will be able to earn college credit for College Algebra (MAC1105).

IB Mathematics: Applications & Interpretation (HL and SL)

Course No: 1209300, 1209305, 1209310, Credit 1.0/course, Weight 1.0

This course recognizes the increasing role that mathematics and technology play in a diverse range of fields in a data-rich world. As such, it emphasizes the meaning of mathematics in context by focusing on topics that are often used as applications or in mathematical modelling. To give this understanding a firm base, this course also includes topics that are traditionally part of a pre-university mathematics course such as calculus and statistics. The course makes extensive use of technology to allow students to explore and construct mathematical models. Mathematics: applications and interpretation will develop mathematical thinking, often in the context of a practical problem and using technology to justify conjectures.

IB Mathematics: Analysis and Approaches (HL and SL)

Course No: 1201325, 1201330, 1201335, Credit 1.0/course, Weight 1.0

This course recognizes the need for analytical expertise in a world where innovation is increasingly dependent on a deep understanding of mathematics. This course includes topics that are both traditionally part of a pre-university mathematics course (for example, functions, trigonometry, calculus) as well as topics that are amenable to investigation, conjecture and proof, for instance the study of sequences and series at both SL and HL, and proof by induction at HL. The course allows the use of technology, as fluency in relevant mathematical software and hand-held technology is important regardless of choice of course. However, Mathematics: analysis and approaches has a strong emphasis on the ability to construct, communicate and justify correct mathematical arguments.

Physical Education & Health

Health Opportunities through Physical Education (HOPE)

Course No: 3026010, Credit 1.0

The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. This course incorporates an online portion for the health curriculum and physical education in the gym.

Team Sports

Course No: Varies by year, Credit 0.5 per semester

This course is designed to give students the opportunity to learn fitness concepts and conditioning techniques used for obtaining optimal physical fitness. Students will benefit from learning a variety of sports. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

Weight Training

Course No: Varies by year, Credit 0.5 per semester

Pre-Req: HOPE or Team Sports

The purpose of this course is to enable students to develop intermediate-level knowledge and skills in weight training, further improve muscular strength and endurance and further enhance self-image.

If you choose Weight Training this will be paired with Aerobics. Weight Training will be labeled 1st semester and Aerobics will be labeled 2nd semester on the transcript.



Sports Marketing

Sports, Recreation, and Entertainment Essentials (CTE)

Course No: 8827410, Credit 1.0

1st course in the Sports Marketing sequence. The purpose of this course is to develop the competencies essential to sport, recreation, and entertainment marketing. These competencies include employability, human relations, communication, math and economic skills. The fundamentals of sport, recreation, and entertainment marketing and selling are also included. Students will take an industry certification exam.

Sports, Recreation, and Entertainment Applications (CTE)

Course No: 8827420, Credit 1.0

Pre-Req: Sports, Recreation, and Entertainment Essentials

2nd course in the Sports Marketing sequence. The purpose of this elective course is to develop the competencies essential to sport, recreation, and entertainment marketing. These competencies

include employability, human relations, communication, math, and economic skills. The fundamentals of sport, recreation, and entertainment marketing and selling are also included. Students will take an industry certification exam.

Sports, Recreation, and Entertainment Marketing Management Honors (CTE)

Course No: 8827430, Credit 1.0 Weight 0.5

Pre-Req: Sports, Rec, and Entertainment Apps

3rd course in the Sports Marketing sequence. The purpose of this elective course is to develop the competencies essential to sport, recreation, and entertainment marketing. These competencies include employability, human relations, communication, math, and economic skills. The fundamentals of sport, recreation, and entertainment marketing and selling are also included. Students will take an industry certification exam.

Marketing Cooperative Education (CTE)

Course No: 8800410, Credit 1.0

Pre-Req: Sports, Recreation, Entertainment Marketing Management Honors & Job Verification Application

Students learn employability skills through on-the-job training while in high school to include sales and/or marketing. This is the 4th course in the Sports Marketing progression. This course is not eligible for Gold Seal.

Leadership Education

Leadership Techniques Honors

Course No: 2400310, Credit 1.0 Weight 0.5

This course is reserved for students who hold leadership positions within the extracurricular clubs at Nease High School.

Examples include student government, student council, athletic council, National Honor Society elected positions, Link Crew members, etc. Ask your school counselor to see if your leadership position qualifies for this course. This course will provide an in-depth study of leadership techniques of decision making, problem solving, meeting skills, communication, group conflict reduction, time and stress management, evaluation, team building, group dynamics, motivational strategy, data collection for project needs, evaluation of community organizations, purpose of local government, and the role of leadership in a democratic society.

Science

Anatomy & Physiology Honors

Course No: 2000360, Credit 1.0 Weight 0.5

Pre-Req: Biology Honors, Meet Honors Criteria

This course provides greater depth of topic on the structure and functions of the human body. The content includes anatomical terminology, histology, systems of the body, organization and development of living things, genetics, and disease processes.

Biology

Course No: 2000310, Credit 1.0

Among the topics covered are: Molecular and cellular biology, classification, heredity and evolution, populations, and ecosystems. Students who complete this course will take the state end of course exam, which counts 30% of the overall course grade.

Biology Honors

Course No: 2000320, Credit 1.0 Weight 0.5

Pre-Req: Meet Honors Criteria

This course provides greater depth of topic and faster pace than Biology 1. Among topics covered are: Molecular and cellular biology, classification, heredity and evolution, ecosystems. Students who complete this course will take the state end of course exam, which counts 30% of the overall course grade.

Pre-IB Biology 1

Course No: 2000800, Credit 1.0 Weight 0.5

Pre-Req: Placement in the Pre-IB Program

The purpose of this course is to present an in-depth study of the biological sciences in preparation for IB level classwork and laboratory activities. Students who complete this course will take the state end of course exam, which counts 30% of the overall course grade. In general, the academic pace and rigor will be greatly increased for pre-IB level coursework.

AP Biology

Course No: 2000340, Credit 1.0 Weight 1.0

Pre-Req: Biology Honors & Chemistry Honors, FAST Reading Level 4 or 5

A college level course that focuses on principles and concepts of the big ideas in biological science, including cellular processes, genetics and information transfer, evolution, and interactions. Laboratory experiences are approximately 25% of the course. Students are expected to take a final AP exam.

IB Biology 3

Course No: 2000820, Credit 1.0 Weight 1.0

Pre-Req: Placement in the IB Program

This is the 2nd year of the two-year IB Biology course with an emphasis on organismal biology and the internal assessment.

Chemistry

Course No: 2003340, Credit 1.0

Pre-Req: Biology, Co-Req: Algebra 2

This rigorous course studies the composition and changes associated with matter. Math is an integral part of the course.

Chemistry Honors

Course No: 2003350, Credit 1.0 Weight 0.5

Pre-Req: Biology, Meet Honors Criteria, Co-Req: Algebra 2 Honors

This rigorous course studies the composition and changes associated with matter. Math is an integral part of the course. This course includes some rigorous standards that are not part of the standard course.

Pre-IB Chemistry

Course No: 2003800, Credit 1.0 Weight 0.5

Pre-Req: Placement in pre-IB program

This rigorous course studies the composition and changes associated with matter. Math is an integral part of the course. In general, the academic pace and rigor will be greatly increased for pre-IB level coursework.

AP Chemistry

Course No: 2003370, Credit 1.0 Weight 1.0

Pre-Req: Chemistry Honors, FAST Reading 4 or 5

A rigorous, college level course that will immerse students in sophisticated chemical principles and concepts and fundamental laboratory technique. This is a synthesis/application course that covers these "big ideas": atoms, reactions and stoichiometry, chemical energy and thermodynamics, gases and intermolecular forces, kinetics, solubility equilibrium, acid-base equilibrium. Students are expected to take the AP exam.

IB Chemistry 3

Course No: 2003820, Credit 1.0 Weight 1.0

Pre-Req: Placement in IB Program

This is the 2nd year of the two-year course study, with emphasis placed on the internal assessment. The purpose of this course is to provide an in-depth, quantitative study of the development and application of chemistry principles, concepts, and experimental methods.

Earth/Space Science

Course No: 2001310, Credit 1.0

Pre-Req: Biology

The purpose of this course is to develop and apply concepts basic to the Earth, its materials, processes, history, and environment, and to learn concepts about our universe.

Environmental Science

Course No: 2001340, Credit 1.0

This course provides an in-depth study of biodiversity and the relationships that exist within the environment. Climate change, populations, land/environmental issues including renewable and non-renewable resources are studied.

AP Environmental Science

Course No: 2001380, Credit 1.0 Weight 1.0

Pre-Req: Biology Honors & Chemistry Honors, FAST Reading Level 4 or 5

This is a rigorous college level course that studies Biological Population Concepts, Land and Water Use, Energy Resources and Consumption and Pollution. Laboratory work is an integral part of the course; students completing this course will take the AP Environmental Science Exam.

Marine Science Honors

Course No: 2002510, Credit 1.0 Weight 0.5

Pre-Req: Biology & Meet Honors Criteria or Teacher Rec.

The purpose of this course is to provide an overview of the marine environment. Content includes marine systems, formation of the oceans and interrelationships between man and the ocean environment. This course includes some rigorous standards that are not part of the standard course.

Physical Science Honors

Course No: 2003320, Credit 1.0 Weight 0.5

Co-Req: Algebra 1 Honors & Meet Honors Criteria

This is an interactive introduction to basic physics and chemistry. Topics include describing motion, predicting motion using Newton's laws, and the fundamental forces behind movement. Students will deepen their understanding of energy through exploring the fundamental principles of electricity and magnetism and the nature and use of sound and electromagnetic waves. The second segment of the course explores the matter around us on the atomic level, the nature of chemical bonding, and the reactions that make new substances.

Physics Honors

Course No: 2003390, Credit 1.0 Weight 0.5

Pre-Req: Biology & Meet Honors Criteria, Co-Req: Algebra 2 Honors

The purpose of this course is to provide students with rigorous introductory study of the theories and is governing the interaction of matter, energy, and the forces of nature. The content includes kinematics, dynamics, energy, work, thermodynamics, waves, light, electricity, magnetism, and sound. Students who intend to take the AP Physics course should enroll in this course.

Pre-IB Physics 1

Course No: 2003836, Credit 1.0 Weight 0.5

Pre-Req: Placement in the Pre-IB Program

Students will explore these concepts of Physics in greater depth as preparatory work for the IB Physics course(s). In general, the academic pace and rigor will be greatly increased for pre-IB level coursework. Practical activities allow students to interact directly

with natural phenomena and secondary data sources. These experiences provide the students with the opportunity to design investigations, collect data, develop manipulative skills, analyze results, collaborate with peers, and evaluate and communicate their findings. Experiments can be used to introduce a topic, investigate a phenomenon, or allow students to consider and examine questions and curiosities. These laboratory experiences are essential as preparatory work for the IB Physics course(s).

AP Physics 1

Course No: 2003421, Credit 1.0 Weight 1.0

Pre-Req: Physics Honors & Algebra 2 Honors, FAST Reading Level 4 or 5

Co-Req: AP Pre-Calculus

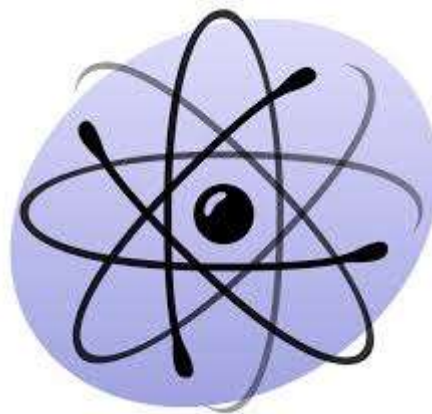
This is a rigorous, college-level course. It delves into the main principles of physics and emphasizes conceptual understanding with problem-solving using algebra and some trigonometry. Topics include: Kinematics, Newtonian Mechanics, work, energy and power, Mechanical Waves and sound, and introduction to electrostatics. Students are expected to take a final AP Exam.

IB Physics 3

Course No: 2003850, Credit 1.0 Weight 1.0

Pre-Req: Placement in IB Program.

This is the 2nd year of a two-year course study with emphasis placed on the internal assessment. The purpose of this course is to provide a college-level course in physics and to prepare students to seek credit and/or appropriate placement in college physics courses.



Social Studies

American Government

Course No: 2106310, Credit 0.5

The purpose of this course is to enable students to gain an understanding of American government and political behavior that is essential for effective citizenship and active involvement in a democratic American society.

This course is paired with Writing for College Success. Students will take one course in the 1st semester and the other course in the 2nd semester.

American Government Honors

Course No: 2106320, Credit 0.5 Weight 0.5

Pre-Req: Meet Honors Criteria

The purpose of this more rigorous course is to enable students to gain an understanding of American government and political behavior that is essential for effective citizenship and active involvement in a democratic American society.

This course is paired with Dual Enrollment course SLS1301. Students will take one course in the 1st semester and the other course in the 2nd semester.

AP American Government and Politics

Course No: 2106420, Credit 0.5 Weight 1.0

Students acquire a critical perspective of politics and government in the United States. They learn general concepts used to interpret American politics and analyze specific case studies. Students also become familiar with the various institutions, groups, beliefs, and ideas that constitute the American political perspective. Students are expected to take a final AP exam.

This course is paired with American Government Honors to allow students one full year to prepare for the AP exam.



Pre-IB United States Government

Course No: 2106800, Credit 0.5 Weight 0.5

Pre-Req: Placement in the Pre-IB Program

The purpose of this Pre-IB course is to prepare students for the International Baccalaureate Diploma Programme (DP). As such, this course will provide academic rigor and relevance through a comprehensive curriculum based on the standards taught with reference to the unique facets of the IB. These facets include interrelatedness of subject areas, a holistic view of knowledge, intercultural awareness, embracing international issues, and communication as fundamental to learning.

This course is paired with AP American Government to better prepare students for the AP exam and IB curriculum.

Economics

Course No: 2102310, Credit 0.5

The primary content emphasis for this course pertains to the study of the concepts and processes of the national and international economic systems. Content should include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

This course will be paired with Personal Financial Literacy. Students will take one course in the 1st semester and the other course in the 2nd semester.



Economics Honors

Course No: 2102320, Credit 0.5 Weight 0.5

Pre-Req: Meet Honors Criteria

The purpose of this more rigorous course pertains to the study of the concepts and processes of the national and international economic systems. Content should include, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

This course will be paired with Personal Financial Literacy. Students will take one course in the 1st semester and the other course in the 2nd semester.

AP Macroeconomics

Course No: 2102360, Credit 0.5 Weight 1.0

Pre-Req: Meet Honors Criteria

The purpose of this course is to have students learn about the factors that influence the economic system. Students are expected to take a final AP exam.

This course is taught as a full year course and will be paired with AP Microeconomics. Students will take one course in the 1st semester and the other in the 2nd semester.

AP Microeconomics

Course No: 2102360, Credit 0.5 Weight 1.0

Pre-Req: Meet Honors Criteria

The purpose of this course is to have students learn about the factors that influence the economic system. Students are expected to take the final AP exam.

This course is taught as a full year course and will be paired with AP Macroeconomics. Students will take one course in the 1st semester and the other in the 2nd semester.

AP Human Geography

Course No: 2103400, Credit 1.0 Weight 1.0

Pre-Req: Meet Honors Criteria

The purpose of this course is to enable students to develop higher levels of concepts and skills related to human geography. Students are expected to take a final AP exam.

Psychology 1

Course No: 2107300, Credit 0.5

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. This course prepares students to understand their own behavior and the behavior of others.

This course is taught as a yearlong course and is paired with Psychology 2.

Psychology 2

Course No: 2107310, Credit 0.5

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. This course continues to prepare students to understand their own behavior and the behavior of others.

This course is taught as a yearlong course and is paired with Psychology 1.

AP Psychology

Course No: 2107350, Credit 1.0 Weight 1.0

Pre-Req: Meet Honors Criteria

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. This course prepares students to understand their own behavior and the behavior of others. Students are expected to take a final AP exam.

IB Psychology 2

Course No: 2107810, Credit 1.0 Weight 1.0

Pre-Req: Placement in IB Program

This course covers the subsidiary level (SL) material of the IB course framework. Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. This course prepares students to understand their own behavior and the behavior of others. Students are expected to take the SL IB exam at the end of year.

IB Psychology 3

Course No: 2107820, Credit 1.0 Weight 1.0

Pre-Req: Placement in IB Program

Students acquire an understanding of research methodology as applied to the study of human behavior. They apply knowledge of research design, error control and statistical analysis of empirical data to the study of human behavior. Students are expected to take the HL IB exam at the end of year.

United States History

Course No: 2100310, Credit 1.0

The purpose of this course is to enable students to understand the development of the United States within the context of history with a major focus on the post- Reconstruction period. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social and employment settings. Students who complete this course will take the state end of course exam, which counts 30% of the overall course grade.

United States History Honors

Course No: 2100320, Credit 1.0 Weight 0.5

Pre-Req: Meet Honors Criteria

The purpose of this more rigorous course is to enable students to understand the development of the United States within the context of history with a major focus on the post- Reconstruction period. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social and employment settings. Students will take the state end of course exam, which counts 30% of the overall grade.

AP United States History

Course No: 2100330, Credit 1.0 Weight 1.0

Pre-Req: Meet Honors Criteria

Students study the development of the United States within the context of history by examining connections to the past to prepare for the future. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social and employment settings. Students are expected to take a final AP exam.

World History

Course No: 2109310, Credit 1.0

The purpose of this course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social and employment settings.

World History Honors

Course No: 2109320, Credit 1.0 Weight 0.5

Pre-Req: Meet Honors Criteria

The purpose of this more rigorous course is to enable students to understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social and employment settings.

AP World History

Course No: 2109420, Credit 1.0 Weight 1.0

Pre-Req: Meet Honors Criteria

Students understand the development of Europe within the context of history by examining connections to the past to prepare for the future as participating members of a global community. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social and employment settings. Students are expected to the a AP exam.

World Language

Spanish 1

Course No: 0708340, Credit 1.0

The purpose of this course is to enable students to begin to acquire proficiency in Spanish through a linguistic, communicative, and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading, and writing skills and on acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered, and real-life applications are emphasized throughout the course.

Spanish 2

Course No: 0708350, Credit 1.0

Pre-Req: Spanish 1

The purpose of this course is to enable students to enhance proficiency in Spanish through a linguistic, communicative, and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading, and writing skills and on acquisition of the fundamentals of applied grammar. Cross-cultural understanding is fostered, and real-life applications are emphasized throughout the course.

Spanish 3 Honors

Course No: 0708360, Credit 1.0 Weight 0.5

Pre-Req: Spanish 2

The purpose of this course is to strengthen the student's proficiency in Spanish through a linguistic, communicative, and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading, and writing skills. Emphasis is placed on oral proficiency. Experiences with Spanish literature are broadened. Cross-cultural understanding is fostered, and real-life applications are emphasized throughout the course.

Spanish 4 Honors

Course No: 0708380, Credit 1.0 Weight 0.5

Pre-Req: Spanish 3

Spanish 4 expands the skills acquired by the students in Spanish 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes, including writing. Reading selections are varied and taken from the target language newspapers, magazines, and literary works.

AP Spanish Language

Course No: 0708400, Credit 1.0 Weight 1.0

Pre-Req: Spanish 4, Strong Spanish foundation & Teacher Recommendation

The purpose of this course is to develop oral and written fluency in Spanish. Students will follow a rigorous curriculum in order to pass the AP Exam at the end of the year. Students taking this course will take the AP exam in May.

Pre-IB Spanish 1

Course No: 0708800, Credit 1.0 Weight 0.5

Pre-Req: Placement in the IB program

The purpose of this course is to introduce students to Spanish and Hispanic cultures and to develop communication skills and cross-cultural understanding.

Pre-IB Spanish 2

Course No: 0708810, Credit 1.0 Weight 0.5

Pre-Req: Pre-IB Spanish 1

The purpose of this course is to expand previously acquired skills.

IB Spanish 3

Course No: 0708820, Credit 1.0 Weight 1.0

Pre-Req: Pre-IB Spanish 2

The purpose of this course is to expand previously acquired skills.



IB Spanish 4- Language B

Course No: 0708830, Credit 1.0 Weight 1.0

Pre-Req: IB Spanish 3

The purpose of this course is to expand previously acquired skills and to prepare students to take the International Baccalaureate Language B exam in Spanish at the subsidiary level.

American Sign Language 1

Course No: 0717300, Credit 1.0

American Sign Language 1 introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language with introductions to culture, connections, comparisons, and communities.

American Sign Language 2

Course No: 0717310, Credit 1.0

Pre-Req: ASL 1

American Sign Language 2 reinforces the fundamental skills acquired by the students in American Sign Language 1. The course develops increased receptive and expressive, skills as well as cultural awareness. Specific content to be covered is a continuation of skills acquired in American Sign Language 1 while communication remains the primary objective. The cultural survey of the target language is continued.



American Sign Language 3 Honors

Course No: 0717312, Credit 1.0 Weight 0.5

Pre-Req: ASL 2

American Sign Language 3 provides mastery and expansion of skills acquired by the students in American Sign Language 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected media. Contemporary vocabulary stresses activities which are important to the everyday life of people using the target language.

American Sign Language 4 Honors

Course No: 0717314, Credit 1.0 Weight 0.5

Pre-Req: ASL 3

American Sign Language 4 expands the skills acquired by the students in American Sign Language 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes. Media selections are varied and taken from authentic target language literary works.

