ALLEN D. NEASE HIGH SCHOOL

Course Catalog

2024-2025

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FLORIDA DEPARTMENT OF EDUCATION
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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 the final course grade*:

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

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

- ELA 1, 2, 3, 4
- ELA honors, Advanced Placement (AP), AICE, IB and dual enrollment may satisfy this requirement

4 Credits Mathematics*

- 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*

- 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

- 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*

- To include the integration of health

7.5 Elective Credits

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.

*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.

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
- Biology
- Geometry
- 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 serve more than 650,000 students. Colleges 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 or 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/.

FLORIDA DEPARTMENT OF EDUCATION
fldoe.org

Academic Advisement
Students Entering Grade 9 Prior to 2023-2024

What Students and Parents Need to Know

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Nease High School Career Academies and Program 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 utilize 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. Student 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 the 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 1
Course No.: 8209510 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 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 InDesign Certification exam.

Digital Design 3
Course No.: 8209530 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 Illustrator Certification exam.

Digital Design 4
Course No. 8209540 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.

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
Prerequisite: Digital Video Technology 1 and Teacher Recommendation
Credit: 1.0 Weight: 0.5
This course provides students with intermediate level instruction in the digital video production process.

Digital Video Technology 3
Course No.: 8201430
Prerequisite: Digital Video Technology 2 and Teacher Recommendation
Credit: 1.0 Weight: 0.5
Students will participate in the digital video pre-production, production, and post-production processes. Students take the Adobe Premiere Pro Certification exam.

Digital Video Technology 4
Course No.: 8201440
Prerequisite: Digital Video Technology 3, Teacher Recommendation and Honors Criteria
Credit: 1.0 Weight: 0.5
Students will demonstrate proficiency in all phases of the digital video production process (pre-production, production, post-production).

Digital Video Technology 5
Course No.: 8201450
Prerequisite: Digital Video Technology 4, Teacher Recommendation and Honors Criteria
Credit: 1.0 Weight: 0.5
Students will demonstrate professionalism, develop interviewing skills, perform on camera in video productions, and complete all phases in the digital video production process.

Digital Video Technology 6
Course No.: 8201460
Prerequisite: Digital Video Technology 5, Teacher Recommendation and Honors Criteria
Credit: 1.0 Weight: 0.5
This course requires the student to plan, coordinate, and manage all aspects of a video or webcast production.

Academy of Hospitality & 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 terminology and the mathematical, economic, marketing, and sales fundamentals of the industry.

Computer Technology for Travel and Tourism
Course No.: 8845140
Prerequisite: Introduction to Hospitality and Tourism and Teacher recommendation
Credit: 1.0
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
Prerequisite: Computer Technology for Travel and Tourism, Teacher recommendation and Honors Criteria
Credit: 1.0 Weight: 0.5
The purpose of this course is to provide students 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 & Tourism Entrepreneurship
Course No.: 8703130
Prerequisite: Travel and Tourism Marketing Management, Teacher recommendation and Honors Criteria
Credit: 1.0 Weight: 0.5
The purpose of this course is to provide with the 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.

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
Prerequisite: Introduction to Engineering Design and Teacher recommendation
Credit: 1.0 Weight: 0.5
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: 8600590
Prerequisite: Principles of Engineering and Teacher recommendation
Credit: 1.0 Weight: 0.5
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. Include the safe use and application of appropriate technology, scientific testing, and observation equipment. Students take the Revit industry certification exam.

Stellar Engineering Academy (Cont.)

Computer Integrated Manufacturing
Course No.: 8600560
Prerequisite: Principles of Engineering and Teacher Recommendation
Credit: 1.0 Weight 0.5
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 three-dimensional designs. Fundamental concepts of robotics used in automated manufacturing, and design analysis are included.

Engineering Design & Development
Course No.: 8600650
Prerequisite: Civil Engineering and Architecture or Computer Integrated Manufacturing and Teacher recommendation
Credit: 1.0 Weight: 0.5
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.

Nease NJROTC Unit

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

Naval Science I
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 II
Course No.: 1802310
Prerequisite: Teacher Recommendation
Credit: 1.0
The purpose of this course is to build on the general introduction provided in Naval Science I, 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 United States.

Naval Science III
Course No.: 1802320
Prerequisite: Teacher Recommendation
Credit: 1.0
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 IV
Course No.: 1802330
Prerequisite: Teacher Recommendation
Credit: 1.0
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.

Nease NJROTC Unit (Cont.)

Leadership Education and Training I
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 R.O.T.C. 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 II
Course No.: 1801310
Prerequisite: Training I and Teacher Recommendation
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 R.O.T.C. 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 III
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Prerequisite: Training II and Teacher Recommendation
Credit: 1.0
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Leadership Education and Training IV
Course No.: 1801330
Prerequisite: Training III and Teacher Recommendation
Credit: 1.0
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ART EDUCATION

Art - *Visual Arts*

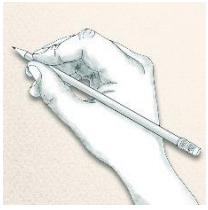
Visual Art Class fees – All Studio classes $35
AP Art & IB Art classes $45

Creating 2D Art PF
Course No.: 0101355
Credit: 0.5
Students investigate a wide range of media and techniques, from both an 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 art materials.

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

Two-Dimensional Studio Art 2 PF
Course No.: 0101310
Prerequisite: Two-Dimensional Studio Art 1 or equivalent
Credit: 1.0
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's sketch, manipulate, and refine the structural elements of art to improve mark making and/or the 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.

Drawing 1 PF



Course No: 0104335
Credit: 0.5
Students experiment with the media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in drawing. Students practice, sketch, and manipulate the structural elements of art to improve mark making and/or the 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.

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

Drawing 2 PF
Course No.: 0104350
Prerequisite: Drawing 1 or equivalent
Credit: 1.0
Students develop and refine technical skills and create 2D compositions with a variety of media in drawing. Student artist's sketch, manipulate, and refine the structural elements of art to improve mark making and/or the 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 1 PF
Course No.: 0102305
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 Creating 2D Art or Drawing 1. One course will be taken 1st semester and the other course will be taken 2nd semester.

Ceramics/Pottery 2 PF
Course No.: 0102310
Prerequisite: Ceramics/Pottery I &Teacher Recommendation
Credit: 1.0
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 intermediate-level hand building and basic wheel-throwing techniques.

Sculpture 2 PF
Course No.: 0111320
Prerequisite: Ceramics/Pottery I & Teacher Recommendation
Credit: 1.0
Students explore spatial relationships through the use of nonobjective, abstract, or representational forms, products, or structures. Media may include, but are not limited to, clay, wood, metal, plaster, paper maché, and plastic with consideration of the workability, durability, cost, and toxicity of the media used.

Art - *Visual Arts Cont.*

Ceramics/Pottery 3 Honors PF
Course No.: 0102320
Prerequisite: Ceramics/Pottery II and Teacher Recommendation
Credit: 1.0 Weight: 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 advanced hand-building and intermediate-level wheel-throwing and firing techniques.

Portfolio Development: 2-D Design Honors PF
Course No.: 0109320
Prerequisite: Teacher Recommendation
Credit: 1.0 Weight: 0.5
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, mixed media, traditional photography, 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 2dimensional 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: Drawing Honors PF
Course No.: 0109310
Prerequisite: Teacher Recommendation
Credit: 1.0 Weight: 0.5
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.

Portfolio Development: 3-D Design Honors PF
Course No.: 0109330
Prerequisite: Teacher Recommendation
Credit: 1.0 Weight: 0.5
The purpose of this course is to study and produce a variety of sophisticated, original, and creative two- and three-dimensional works of art.

Pre-IB Art 1 PF
Course No.: 0114800
Credit: 1.0 Weight: 0.5
Prerequisite: PIB Program or Teacher Recommendation
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 of time. 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.

Art - *Visual Arts Cont.*

Pre-IB Art 2 PF
Course No.: 0114810
Credit: 1.0 Weight: 0.5
Prerequisite: Pre-IB Art 1 and Teacher Recommendation
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.

International Baccalaureate Visual Arts 2 PF
Course No.: 0114825
Credit: 1.0 Weight: 1.0
Year 1 of the 2-year, group 6 elective choice for IB students. Students will be involved 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.

International Baccalaureate Visual Arts 3 PF
Course No.: 0114835
Credit: 1.0 Weight: 1.0
Year 2 of the Group 6 elective choice for IB students. Students will be involved 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.

Advanced Placement (AP) Art – Drawing Portfolio PF
Course No.: 0104300
Prerequisite: Drawing/Painting II or Portfolio and Teacher Recommendation
Credit: 1.0 Weight: 1.0
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.

Advanced Placement (AP) Studio Art: 2-D Art & Design PF
Course No.: 0109350
Prerequisite: Teacher Recommendation
Credit: 1.0 Weight: 1.0
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 the College Board.

Advanced Placement (AP) Studio Art: 3-D Art & Design PF
Course No.: 0109360
Prerequisite: Teacher Recommendation
Credit: 1.0 Weight: 1.0
This Advanced Placement course is intended to address a very broad interpretation of sculptural issues in three-dimensional (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 consideration by the College Board.

Arts – *Film*

Theatre, Cinema, & Film Production PF
Course No: 0400660
Credit: 1.0
In Theatre, Cinema, and Film production 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
Prerequisite: Theatre, Cinema, & Film Production or Digital Video Technology
Credit: 1. 0 Weight: 1.0
Students explore advanced topics through project-based work, becoming more self-directed in their acquisition and

Arts – *Film Cont.*

use of concepts, terminology, techniques, and applications to design, create, print, and display original two-dimensional animations in 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, photo 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.

International Baccalaureate Film Studies 2 **PF**
Course No.: 0107472
Prerequisite: Theatre, Cinema, & Film Production or Digital Video Technology, Film 3 Honors and Teacher Recommendation
Credit: 1.0 Weight: 1.0
The purpose of this subsidiary level (SL) 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 are expected to submit the SL film portfolio at the end of year.

International Baccalaureate Film Studies 3 **PF**
Course No.: 0107474
Prerequisite: IB Film Studies 2
Credit: 1.0 Weight: 1.0
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 rom 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 – *Dance*

Dance Techniques 1 **PF**
Course No.: 0300310
Team Members
Credit: 1.0
Students in this year-long, 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 composition, self-reflection of efforts, dance history and culture, collaborative work, and rehearsal and performance protocols.

Dance Techniques 2 **PF**
Course No.: 0300320
Prerequisite: Dance Techniques I and Teacher Recommendation
Credit: 1.0
Students in Dance Techniques II, a year-long 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.

Dance Techniques 3 Honors **PF**
Course No.: 0300330
Prerequisite: Dance Techniques 2 and/or Teacher Recommendation
Credit: 1.0 Weight: 0.5
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
Prerequisite: Dance Techniques 3 and/or Teacher Recommendation
Credit: 1.0 Weight: 0.5
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.

Arts - *Theatre Arts*

Theatre I 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 art.

Theatre II PF
Course No.: 0400320
Prerequisite: Theatre I and Teacher Recommendation
Credit: 1.0
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 III Honors PF
Course No.: 0400330
Prerequisite: Theatre II and Teacher Recommendation
Credit: 1.0 Weight: 0.5
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.

Acting 4 Honors PF
Course No.: 0400400
Prerequisite: Theatre 3 Honors
Credit: 1.0 Weight: 0.5
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.

Arts – *Instrumental Music*

Concert Band **PF**

Course No.: 1302300
Prerequisite: Middle School Band
Credit: 1.0
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.

Symphonic Band **PF**
Course No: Multiple over 4 years
Prerequisite: Audition, Placement by Band Director
Credit: 1.0
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 over 4 years
Prerequisite: Audition, Placement by Band Director
Credit: 1.0 Weight: 0.5
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.

Jazz Ensemble **PF**
Course No.: Multiple over 4 years
Prerequisite: Audition & Director's Approval
Credit: 1.0
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 only is an honors level weighting.

Guitar 1 **PF**
Course No.: 1301320
Pre-requisite: None
Credit: 1.0
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.

Percussion Techniques **PF**
Course No.: Multiple over 4 years
Pre-requisite: Placement by Band Director
Credit: 1.0
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 afterschool. Also allowed for students who play multiple instruments to take alongside a concert/jazz class.

AP Music Theory **PF**
Course No.: 1300330
Pre-requisite: Meet Honors Criteria & teacher recommendation
Credit: 1.0 Weight: 1.0
AP Music Theory is an introductory college-level music theory course. Students cultivate their understanding of music theory through analyzing performed and notated music as they explore concepts like pitch, rhythm, form, and musical design. Students should be able to read and play sheet music musical instruments. Students are expected to take a final AP exam.

BUSINESS MANAGEMENT

Business and Entrepreneurial Principles Honors CTE
Course No.: 8215120
Credit: 1.0 Weight: 0.5
Pre-requisite: Algebra 1 Honors and Digital Information Technology
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 1 Honors CTE
Course No.: 1700361
Credit: 1.0 Weight: 0.5
Pre-requisite: Business and Entrepreneurial Principles or can be taken concurrently with Business and Entrepreneurial Principles if pursuing IB Business Management 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.

IB Business Management 2 (to be offered in 2025-2026)
Course No.: 2102440
Credit: 1.0 Weight: 1.0
Pre-requisite: Pre-IB Inquiry Skills 1 & 2 and teacher recommendation
This is the 1st year of a two-year elective choice for the IB sixth subject area. Students 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 working environment. Students will begin

IB Business Management 3 (to be offered in 2026-2027)
Course No.: 2102450
Credit: 1.0 Weight: 1.0

COMPUTER EDUCATION

Computer Science Discoveries
Course No.: 0200305
Credit: 1.0 Graduation Requirement: Math
Computer Science Discoveries introduces students to computer science as a vehicle for problem solving, communication, and personal expression. The course focuses on the visible aspects of computing and computer science and encourages students to see where computer science exists around them and how they can engage with it as a tool for exploration and expression. Centering on the immediately observable and personally applicable elements of computer science, the course asks students to look outward and explore the impact of computer science on society. Students should see how a thorough student-centered design process produces a better application, how data is used to address problems that affect large numbers of people, and how physical computing with circuit boards allows computers to collect, input and return output in a variety of ways.

Foundations of Programming CTE
Course No.: 9007210
Credit: 1.0 Weight: 0.5
Prerequisite: Algebra I recommended for student success with integrated math concepts in programming.

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
Prerequisite: Algebra I recommended for student success with integrated math concepts in programming.
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
Prerequisite: Foundations of Robotics
This course provides students with content and skills essential to the design and operation of robotics, including artificial

Computer Education Cont.

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
Prerequisite: 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.

Robotic Applications Capstone (9410140) will possibly be added in 2025-2026 to offer a four-year progression.

Advanced Placement Computer Science Principles
Course No: 0200335
Credit: 1.0 Weight: 1.0
Prerequisite: 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
Pre-requisite: AP Computer Science Principles
Credit: 1.0 Weight: 1.0
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
Prerequisite: AP Computer Science A and teacher recommendation or IB coordinator
This is the 2nd year of the two-year course elective choice for the IB sixth subject area. Students 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 computer 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.

IB Digital Society 2
Course No.: 0200900
Credit: 1.0 Weight: 1.0
Pre-requisite: Foundations of Programming and AP Computer Science Principles
This is the 1st year of a two-year elective choice for the IB sixth subject area. Students not in the IB program may take this course if recommended by the teacher and there is room available. This framework guides students as they learn to focus and refine inquiries, explore sources, investigate impacts and implications of digital systems, reflect on emerging trends and share their discoveries. This may include concepts related to change, expression, identity, power, space, value and ethics related to data, algorithms, computer networks and the internet, media, artificial intelligence, robots and autonomous technologies. Subject topics are open-ended and can evolve according to new developments, examples, and emerging technologies. The multidisciplinary nature of the subject makes the course appealing to students with very diverse personal and professional pathways.

IB Digital Society 3
Course No.: 0200900
Credit: 1.0 Weight: 1.0
Pre-requisite: IB Digital Society 2
This is the 2nd year of the two-year course elective choice for the IB sixth subject area. This is an extension of the course description above to extended time spent on higher level extension topics and the internal assessment. The internal assessment required for this course is an inquiry project which explores the impacts and implication of digital systems for people and communities.

ENGLISH LANGUAGE LEARNERS

Personal, Career, and School Development Skills 1
Course No.: 0500500
Credit: 1.0
The purpose of this course is to provide students with an opportunity to experience success in school and improve attitudes and behaviors towards learning, self, school and community.

EXCEPTIONAL STUDENT EDUCATION

Learning Strategies
Course No.: 7963080
Credit: Multiple
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: Multiple
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 Internship 1-4
Course No.: 0500300, 0500310, 0500320, 0500330
Credit: 1.0/course code
Application Required- Job Verification due by July 17th
(Nease elective will be placed on student schedule until a job is verified)
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-requisites: Sports, Recreation and Entertainment Applications and Sports, Recreation and Entertainment Marketing Management Honors
Application Required- Job Verification due by July 17th
(Nease elective will be placed on student schedule until a job is verified)
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 the 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-requisite: Junior or Senior Only & Application
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
Prerequisite: Meet Honors Criteria
Credit: 1.0 Weight: 1.0
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.

Theory of Knowledge 1 – International Baccalaureate (IB)
Course No.: 0900800
Credit: 1.0 Weight: 1.0
Prerequisite: Placement in IB Program
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.

Theory of Knowledge 2 – International Baccalaureate (IB)
Course No.: 0900810
Credit: 1.0 Weight: 1.0
Prerequisite: Placement in IB Program
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 IBO. 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 I
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 Honors I
Course No.: 1001320
Prerequisite: Meet Honors Criteria
Credit: 1.0 Weight: 0.5
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
Prerequisite: English I
Credit: 1.0
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
Prerequisite: English I and Meet Honors Criteria
Credit: 1.0 Weight: 0.5
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.: 1001370
Prerequisite: English II
Credit: 1.0
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
Prerequisite: English II and Meet Honors Criteria
Credit: 1.0 Weight: 0.5
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
Prerequisite: English III
Credit: 1.0
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. The benchmarks reflect the Florida

English 4 Honors
Course No.: 1001410
Prerequisite: English III and Meet Honors Criteria
Credit: 1.0 Weight: 0.5
The purpose of this course is to build upon previous years' language arts experiences through accelerated, in-depth studies emphasizing a survey of British literature and post-secondary writing applications. *The English courses of St. Johns County each incorporate the language arts strands of reading, writing, listening, language, literature, viewing and speaking as designated in the Sunshine State Standards.

Advanced Placement (AP) English Language and Composition
Course No.: 1001420
Prerequisite: Meet Honors Criteria and Teacher Recommendation
Credit: 1.0 Weight: 1.0
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.

Language Arts Cont.

Advanced Placement (AP) English Literature and Composition
Course No.: 1001430
Prerequisite: Meet Honors Criteria and Teacher Recommendation
Credit: 1.0 Weight: 1.0
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.

Pre-IB English I – (Pre IB)
Course No.: 1001800
Prerequisite: Placement in Pre IB-Program
Credit: 1.0 Weight: 0.5

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.

IB English 4– International Baccalaureate (IB)
Course No.: 1001830
Prerequisite: Placement in IB Program
Credit: 1.0 Weight: 1.0
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.

Language Arts Cont.

Reading 1
Course No.: 1000412
Prerequisite: Administrative Placement for 9th grade students with 8th grade FAST ELA of Level 1
Credit: 1.0
The purpose of this course is to provide remedial instruction and practice in reading skills for students reading below grade level.

Reading 2
Course No.: 1000414
Prerequisite: Administrative Placement for 10th grade students with 9th grade FAST ELA of Level 1
Credit: 1.0
The purpose of this course is to provide remedial instruction and practice in reading skills for students reading below grade level.

Reading 3
Course No.: 1000416
Prerequisite: Administrative Placement for 10th grade students with 10th grade FAST ELA of Level 1
Credit: 1.0
The purpose of this course is to provide remedial instruction and practice in reading and test taking skills for students reading below grade level.

Reading 4
Course No.: 1000418
prerequisite: Administrative Placement for 12th grade students with 10th grade FAST ELA of Level 1 or 2
Credit: 1.0
The purpose of this course is to provide remedial instruction and practice in reading and test taking skills for students reading below grade level.

Journalism I PF
Course No.: 1006300
Credit: 1.0
The purpose of this course is to provide instruction in basic aspects of journalism and workshop experiences in journalistic production.

Journalism 5 Honors (Yearbook)
Course No: 1006331YB
Credit: 1.0 Weight: 0.5
Prerequisite: Application or Teacher Recommendation
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 Honors (Newspaper)
Course No: 1006331
Credit: 1.0 Weight: 0.5
Prerequisite: Application or Teacher Recommendation

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 6 Honors (Yearbook)
Course No.: 1006332YB
Credit: 1.0 Weight: 0.5
Prerequisite: Application or Teacher Recommendation
The purpose of this course is to enable students to perform advanced work 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 6 Honors (Newspaper)
Course No.: 1006332
Credit: 1.0 Weight: 0.5
Prerequisite: Application or Teacher Recommendation
The purpose of this course is to enable students to perform advanced work 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 7 Honors (Yearbook)
Course No.: 1006333YB
Credit: 1.0 Weight: 0.5
Prerequisite: Application or Teacher Recommendation
The purpose of this course is to enable students to perform advanced work in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop extended knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. School and professional publication efforts are expected.

Language Arts Cont.

Journalism 7 Honors (Newspaper)
Course No.: 1006333
Credit: 1.0 Weight: 0.5
Prerequisite: Application or Teacher Recommendation
The purpose of this course is to enable students to perform advanced work in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop extended knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. School and professional publication efforts are expected.

Journalism 8 Honors (Yearbook)
Course No.: 1006334
Credit: 1.0 Weight: 0.5
Prerequisite: Application or Teacher Recommendation
The purpose of this course is to enable students to perform highly advanced work in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop extended knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. School, community, and professional publication is expected.

Journalism 8 Honors (Newspaper)
Course No.: 1006334
Credit: 1.0 Weight: 0.5
Prerequisite: Application or Teacher Recommendation
The purpose of this course is to enable students to perform highly advanced work in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop extended knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. School, community, and professional publication is expected.

Speech I 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 requiring extensive grade-level writing.

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 I, Creative Writing 1 will be taken 1st semester and Creative Writing 2 will be taken 2nd semester.

Creative Writing 2
Course No.: 1009330
Prerequisite: Creative Writing 1
Credit: 0.5
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 I.

Creative Writing 3 Honors
Course No.: 1009331
Prerequisite: Creative Writing 1/2 & teacher recommendation
Credit: 1.0 Weight: 0.5
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
Prerequisite: Creative Writing 3 Honors
Credit: 1.0 Weight: 0.5
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.

MATHEMATICS

Algebra 1-A
Course No.: 1200370
Prerequisite: Middle School Math
Co-requisite: Algebra 1
Suggested for: Struggled in Pre-Algebra and scored level 1 or 2 on FAST Math Exam.
Credit: 1.0
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. This is the first of a two-year sequence of courses, Algebra 1-A and Algebra 1-B. Together, the two courses fulfill the Algebra 1 requirements (Course Number 1200310).

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
Prerequisite: Pre-Algebra
Suggested for: Completed Pre-Algebra and scored level 2 or 3 on Math FAST exam.
Credit: 1.0
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 examination, which must be passed to graduate and counts as 30% of overall course grade.

Algebra 1 Honors
Course No.: 1200320
Prerequisite: Pre-Algebra and teacher recommendation
Suggested for: Successful completion of Pre-Algebra and scored level 4 or 5 on FAST exam.
Credit: 1.0 Weight: 0.5
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
Prerequisite: Algebra 1 and Teacher recommendation
Suggested for: successful completion of Algebra 1 and scored 3 or higher on Algebra 1 EOC.
Credit: 1.0
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.

Mathematics Cont.

Algebra 2 Honors
Course No.: 1200340
Prerequisite: Algebra 1, meets honors criteria & teacher recommendation
Suggested for: Successful completion of Algebra 1 and scored a 4 or 5 on Algebra 1 EOC.
Credit: 1.0 Weight: 0.5
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
Prerequisite: Algebra 1 and Teacher Recommendation
Suggested for: Successfully completed Algebra 1 and scored a level 1, 2 or 3 on Algebra 1 EOC.
Credit: 1.0
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
Pre-requisite: Algebra 2, meets honors criteria, and teacher recommendation
Suggested for: Successfully completed Algebra 1 and scored 4 or 5 on Algebra 1 EOC
Credit: 1.0 Weight: 0.5
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.: 12007350
Prerequisite: Geometry
Suggested for: completed Algebra 1 and Geometry who do not have an interest in a STEM major in college or do not feel ready for Algebra 2. Scored a level 1-3 on Math FAST exam.
Credit: 1.0
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
****Not an Equivalent for Scholar Designation****
Course No.: 1200710
Prerequisite: Algebra 2 or Algebra 2 Honors and teacher recommendation
Suggested for: Students who successfully completed Algebra 2 or Algebra 2 Honors and plan on pursuing a STEM major in college.
Credit: 1.0
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
Suggested 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.
Credit: 1.0 ****Not a math credit; Elective credit****
In Mathematics for ACT and SAT, instructional time will emphasize six areas: (1) extending understanding of functions to linear, quadratic and exponential functions and using them to model and analyze real-world relationships; (2) developing understanding of the complex number system, including complex numbers as roots of polynomial equations; (3) extending knowledge of ratios, proportions and functions to data and financial contexts; (4) solve problems involving univariate and bivariate data and make inferences from collected data; (5) relationships and theorems involving two-dimensional figures using Euclidean geometry and coordinate geometry; and (6) graph and apply trigonometric relations and functions.

Math for Data & Financial Literacy Honors
Course No.: 1200388
Prerequisite: Algebra 2 and Teacher Recommendation
Suggested for: successfully completed Algebra 1, Geometry, and Algebra 2 who do not have an interest in a STEM major in college.
Credit: 1.0 Weight: 0.5
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
Prerequisite: Algebra 2 or Algebra 2 Honors, Meet Honors Criteria and Teacher Recommendation
Credit: 1.0 Weight: 0.5
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.

Advanced Placement (AP) Pre-Calculus
Course No.: 1202305
Prerequisite: Algebra 2 Honors, Meets Honors Criteria and Teacher Recommendation
Credit: 1.0 Weight: 1.0
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.

Advanced Placement (AP) Calculus AB
Course No.: 1202310
Prerequisite: Pre-Calculus, Meet Honors Criteria and Teacher Recommendation
Credit: 1.0 Weight: 1.0
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.

MATHEMATICS *Cont.*

Advanced Placement (AP) Calculus BC
Course No.: 1202320
Prerequisite: AP Calculus AB, Meet Honors Criteria and Teacher Recommendation
Credit: 1.0 Weight: 1.0
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.

Advanced Placement (AP) Statistics
Course No.: 1210320
Prerequisite: Algebra 2, Meet Honors Criteria and Teacher Recommendation
Credit: 1.0 Weight: 1.0
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.

IB Mathematics: Applications & Interpretation (HL and SL)
Course Code(s): 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 Code: 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 and 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 a physical education in the gym.

Weight Training
Course No.: 1501340 and 1503400
Credit: 0.5 and 0.5
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 to 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 .

Personal Fitness
Course No.: 1503350 and 1503360
Credit: 0.5 and 0.5
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

comprehensive weight training and HIIT style cardiorespiratory endurance activities. Students will learn the basic fundamentals of strength training, aerobic training, and overall fitness training and conditioning. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

If you choose to take Personal Fitness, the course will be named Team Sports 1 and will be paired with Team Sports 2. Team Sports 1 will be labeled 1st semester and Team Sports 2 will be labeled 2nd semester on the transcript.

Sports Marketing

Sports, Recreation and Entertainment Applications CTE
Course No.: 8827420
Credit: 1.0
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 CTE Management Honors
Course No.: 8827430
Credit: 1.0 Weight: 0.5
Pre-requisites: Sports, Rec., & Ent App & teacher recommendation
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.

Co-op
Marketing Cooperative Education CTE
Course No.: 8800410
Credit: 1.0
Pre-requisites: Sports, Recreation and Entertainment Applications and Sports, Recreation and Entertainment Marketing Management Honors
Application Required- Job Verification due by July 17th
(Nease elective will be placed on student schedule until a job is verified)
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 the Sports Marketing progression. This course is not eligible for Gold Seal.

Student 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 the 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 Education

Biology I
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 I Honors
Course No.: 2000320
Prerequisite: Meet Honors Criteria and Teacher Recommendation
Credit: 1.0 Weight: 0.5
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 I – (Pre IB)
Course No.: 2000800
Prerequisite: Placement in Pre IB-Program
Credit: 1.0 Weight: 0.5
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

Science *Cont.*

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.

Advanced Placement (AP) Biology
Course No.: 2000340
Prerequisite: Meet Honors Criteria and Teacher Recommendation
Credit: 1.0 Weight: 1.0
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– International Baccalaureate (IB)
Course No.: 2000820
Prerequisite: Placement in IB Program
Credit: 1.0 Weight: 1.0
This is the 2nd year of the two-year IB Biology course with an emphasis on organismal biology and the internal assessment.

Anatomy and Physiology Honors
Course No.: 2000360
Prerequisite: Honors Biology, meet honors criteria
Credit: 1.0 Weight: 0.5
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.

Earth/Space Science
Course No.: 2001310
Prerequisite: Biology
Credit: 1.0
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.

Advanced Placement (AP) Environmental Science
Course No.: 2001380
Prerequisite: Honors Biology, Honors Chemistry, Teacher Recommendation
Credit: 1.0 Weight: 1.0
This is a rigorous college level course that studies Biological Population Concepts, Land and Water Use, Energy Recourses 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 I
Course No.: 2002500
Prerequisite: Biology
Credit: 1.0
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.

Chemistry I

Course No.: 2003340
Prerequisite: Algebra I and One Science Credit, teacher recommendation
Co-requisite: Algebra II
Credit: 1.0
This rigorous course studies the composition and changes associated with matter. Math is an integral part of the course.

Chemistry I Honors
Course No.: 2003350
Prerequisite: Algebra 1 Honors, Meet Honors Criteria and Teacher Recommendation
Co-requisite: Algebra II Honors
Credit: 1.0 Weight: 0.5
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 I – (Pre IB)
Course No.: 2003800
Prerequisite: Placement in Pre IB-Program, teacher Recommendation
Credit: 1.0 Weight: 0.5
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.

Science *Cont.*

IB Chemistry 3 – International Baccalaureate (IB)
Course No.: 2003820
Prerequisite: Placement in IB Program
Credit: 1.0 Weight: 1.0
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.

Advanced Placement (AP) Chemistry
Course No.: 2003370
Prerequisite: Chemistry Honors, Meet Honors Criteria and Teacher Recommendation
Credit: 1.0 Weight: 1.0
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. Laboratory experiences are approximately 25% of the course. Students are expected to take a final AP exam.

Physics Honors
Course No.: 2003390
Prerequisite: Meet Honors Criteria, Chemistry Honors, Algebra I Honors
Co-requisite: Algebra II Honors
Credit: 1.0 Weight: 0.5
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- Pre-IB
Course No.: 2003836
Prerequisite: Placement in IB Program, Teacher Recommendation
Credit: 1.0 Weight: 0.5
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).

IB Physics 3 – International Baccalaureate (IB)
Course No.: 2003850
Prerequisite: Placement in IB Program
Credit: 1.0 Weight: 1.0
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.

Advanced Placement (AP) Physics 1
Course: 2003421
Prerequisite: Teacher recommendation, students should have completed Algebra 2 and physics honors, concurrent enrollment in pre-calculus.
Credit: 1.0 Weight: 1.0
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, introduction to electrostatics. Students are expected to take a final AP Exam.

Social Studies

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.

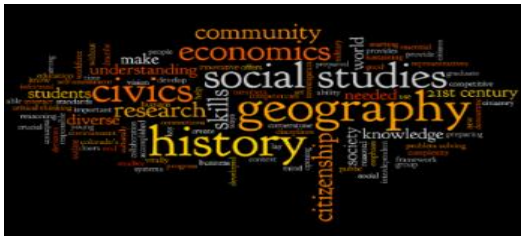
United States History Honors
Course No.: 2100320
Prerequisite: Meet Honors Criteria and Teacher Recommendation
Credit: 1.0 Weight: 0.5
The purpose of this more rigorous course is to enable students to understand the development of the United States within the context of history with a major focus on 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 who complete this course will take the state end of course exam, which counts 30% of the overall course grade.

Advanced Placement (AP) United States History
Course No.: 2100330
Prerequisite: Meet Honors Criteria and Teacher Recommendation
Credit: 1.0 Weight 1.0
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.

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.

Economics Honors
Course No.: 2102320
Prerequisite: Meet Honors Criteria and Teacher Recommendation
Credit: 0.5 Weight: 0.5
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.

Advanced Placement (AP) Microeconomics
Course No. 2102360
Prerequisite: Meet Honors Criteria and Teacher Recommendation
Credit: 0.5 Weight: 1.0
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 Economics with Financial Literacy Honors weighted course in order to better prepare our students for the AP exam.



Social Studies *Cont.*

Advanced Placement (AP) Human Geography
Course No.: 2103400
Prerequisite: Meet Honors Criteria and Teacher Recommendation
Credit: 1.0 Weight: 1.0
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.

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.

American Government Honors
Course No.: 2106320
Prerequisite: Meet Honors Criteria and Teacher Recommendation
Credit: 0.5 Weight: 0.5
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.

Advanced Placement (AP) United States Government and Politics
Course No.: 2106420
Prerequisite: Meet Honors Criteria and Teacher Recommendation
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 taught as a full year course and will be paired with American Government Honors in order to better prepare our students for the AP exam.

Pre-IB United States Government
Course No.: 2106800
Prerequisite: Placement in PIB Program
Credit: 0.5 Weight: 0.5
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 taught as a full year course and will be paired with AP United States Government and Politics PIB in order to better prepare our students for the AP exam and IB Curriculum.

Advanced Placement (AP) United States Government and Politics PIB
Course No.: 2106420
Prerequisite: Meet Honors Criteria and Teacher Recommendation
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 taught as a full year course and will be paired with Florida's PIB United States Government in order to better prepare our students for the AP exam and IB Curriculum.

Psychology I
Course No.: 2107300
Prerequisite: 1 Credit in Social Science
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.

Psychology II
Course No.: 2107310
Prerequisite: Teacher Recommendation and 1 Credit in Social Science
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.
If you choose to take Psychology I, Psychology II will be taken concurrently. Psychology I will be taken 1st semester and Psychology II will be taken 2nd semester.

Social Studies *Cont.*

Advanced Placement (AP) Psychology
Course No.: 2107350
Prerequisite: Meet Honors Criteria and Teacher Recommendation
Credit: 1.0 Weight: 1.0
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 – International Baccalaureate (IB)
Course No.: 2107810
Prerequisite: Placement in IB Program
Credit: 1.0 Weight: 1.0
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 – International Baccalaureate (IB)
Course No.: 2107820
Prerequisite: Placement in IB Program
Credit: 1.0 Weight: 1.0
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.

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
Prerequisite: Meet Honors Criteria and Teacher Recommendation
Credit: 1.0 Weight: 0.5
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.

Advanced Placement (AP) World History
Course No.: 2109420
Prerequisite: Meet Honors Criteria and Teacher Recommendation
Credit: 1.0 Weight: 1.0
Students understand the development of Europe within the context of history by examining connections to the past in order 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 take a final AP exam.

Advanced Placement (AP) Human Geography
Course No.: 2103400
Prerequisite: Meet Honors Criteria and Teacher Recommendation
Credit: 1.0 Weight: 1.0
****This is an elective credit not a history credit****
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.

World Language

French 4 Honors
Course No.: 0701350
Prerequisite: French III and Teacher Recommendation
Credit: 1.0 Weight: 0.5
The purpose of this course is to enable students to enhance proficiency in French through a linguistic, communicative, and cultural approach to language learning. There is continued emphasis on the development of listening, speaking, reading, and writing skills. Experiences with French literature are broadened. Cross-cultural understanding is fostered, and real-life applications are emphasized throughout the course.

Advanced Placement (AP) French Language
Course No.: 0701380
Prerequisite: Teacher Recommendation
Credit: 1.0 Weight 1.0
The purpose of this course is to develop oral and written fluency in French. Students are expected to take a final AP exam.

IB French 4– Language B - International Baccalaureate (IB)
Course No.: 0701830
Prerequisite: French III IB and placement in IB Program.
Credit: 1.0 Weight: 1.0
The purpose of this course is to expand previously acquired skills and to prepare students to take the International Baccalaureate Language B Exam in French at the subsidiary level.

Spanish I
Course No.: 0708340
Prerequisite: Middle School Teacher Recommendation and concurrent enrollment in Honors English 1 or Successful Completion of English I
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
Prerequisite: Spanish I and Teacher Recommendation
Credit: 1.0
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
Prerequisite: Spanish II and Teacher Recommendation
Credit: 1.0 Weight: 0.5
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
Prerequisite: Spanish III and Teacher Recommendation
Credit: 1.0 Weight: 0.5
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
Prerequisite: Meet Honors Criteria, strong Spanish foundation, and teacher Recommendation
Credit: 1.0 Weight: 1.0
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.

World Language *Cont.*

Pre-IB Spanish I – (Pre IB)
Course No.: 0708800
Prerequisite: Placement in Pre IB-Program
Credit: 1.0 Weight: 0.5
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 – (Pre IB)
Course No.: 0708810
Prerequisite: Placement in Pre IB-Program
Credit: 1.0 Weight: 0.5
The purpose of this course is to expand previously acquired skills.

IB Spanish 3- International Baccalaureate (IB)
Course No.: 0708820
Prerequisite: Placement in Pre IB-Program
Credit: 1.0 Weight: 1.0
The purpose of this course is to expand previously acquired skills.

IB Spanish 4– Language B – International Baccalaureate (IB)
Course No.: 0708830
Prerequisite: Placement in IB Program
Credit: 1.0 Weight: 1.0
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 I
Course No.: 0717300
Prerequisite: Middle School Teacher Recommendation and concurrent enrollment in Honors English 1 or Successful Completion of English I
Credit: 1.0
The purpose of this course is to teach hearing students basic conversational skills in American Sign Language (ASL) and awareness of various aspects of deafness.

American Sign Language II
Course No.: 0717310
Prerequisite: ASL I and Teacher Recommendation
Credit: 1.0
The purpose of this course is to further develop students' knowledge of American Sign Language (ASL).

American Sign Language III Honors
Course No.: 0717312
Prerequisite: ASL II and Teacher Recommendation
Credit: 1.0 Weight: 0.5
The purpose of this course is to prepare a hearing student, who has successfully completed ASL II, and I with information and advanced skill development in ASL. This new information and advanced skill will prepare the student to sit for the State of Florida Quality Assurance (QA) exam. The content shall include specialized vocabulary (medical, legal, education, etc.), grammatical features of ASL, receptive and expressive skill development.