

RUTHERFORD HIGH SCHOOL

2024-2025 COURSE CATALOG



1000 SCHOOL AVENUE, PANAMA CITY, FLORIDA 32404

AS ALWAYS, GO RAMS!

Principal's Welcome

Greetings, from beautiful Bay County, Florida! I'm Dr. Todd Mitchell and I'm the RAM proud principal of Rutherford High School. I have been teaching or leading schools since 2009 when my family and I moved to the Emerald Coast. I am honored to serve as your educational leader because Rutherford is a special and unique place. Here we seek to cultivate a supportive learning environment through our ambitious instruction, effective leadership, and collaborative teaching. We look to involve our families in everything our students achieve. We serve students in grades 6 through 12 and we are committed to our mission of preparing students to be productive, inquiring citizens in an ever-changing world.



Rutherford offers a variety of learning pathways and we encourage academic excellence through the pursuit of Career & Technical Education (CTE), Advanced Placement (AP), Dual-Enrolled (DE), and Honors Level coursework. Moreover, Rutherford is home to Bay County's only International Baccalaureate (IB) program, which seeks to build students' inquiry mindset while preparing them to be college-ready, global difference makers. Our newly minted IB Career Program (CP) equips students with future-ready skills and prepares them to pursue their university aspirations and follow their chosen career pathway. Middle and High School students at Rutherford may pursue training through the Air Force Junior Reserve Officer Training Corps (JROTC), Digital Design and Technology, our Construction & Welding Academy, Agriscience, or our Culinary Department. Each of these CTE pathways can also be connected to our IB Career Program and leverage even more successful opportunities for students. Finally, we want to affect change in the whole student experience by providing extra and co-curricular activities to include theater, choir, band, service clubs and student organizations, and a plethora of locally & state competitive athletic opportunities.

After reading about all of our wonderful student options available on campus, I encourage you to come by for a tour and see, feel, and experience what it's like to be a RAM. Our school office staff is standing by ready to answer all your questions. Contact us today at 850-767-4500.

And As Always,
GO RAMS!

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Graduation Requirements

24 Credit Option

- 4 English Credits
- 4 Mathematics Credits
 - o Algebra I + End of Year Test with passing score required
 - o Geometry required
 - o Industry Certifications that lead to college credit may substitute for up to two math credits, except for Algebra I and Geometry.
 - o An identified computer science credit may substitute for up to one mathematics credit, except for Algebra I and Geometry. The computer science credit may not be used to substitute for both a mathematics and science credit.
- 3 Science Credits
 - o One must be Biology 1, two must be equally rigorous science courses
 - o Two of three must have a laboratory component
 - o Industry Certifications that lead to college credit may substitute for up to one science credit, except for Biology 1.
 - o An identified computer science credit may substitute for up to one science credit, except for Biology 1. The computer science credit may not be used to substitute for both a mathematics and science credit.
- 3 Social Studies Credits
 - o World History
 - o US History
 - o 0.5 credit in US Government
 - o 0.5 credit in Economics
- 1 Fine and Performing Arts, Speech and Debate, or Practical Arts Credit
- 1 Physical Education Credit
- 8 Electives - 0.5 must be Financial Literacy

18 Credit Option

- 4 English Credits
- 4 Mathematics Credits
 - o Algebra I + End of Year Test with passing score required
 - o Geometry required
 - o Industry Certifications that lead to college credit may substitute for up to two math credits, except for Algebra I and Geometry.
 - o An identified computer science credit may substitute for up to one mathematics credit, except for Algebra I and Geometry. The computer science credit may not be used to substitute for both a mathematics and science credit.
- 3 Science Credits
 - o One must be Biology 1, two must be equally rigorous science courses
 - o Two of three must have a laboratory component
 - o Industry Certifications that lead to college credit may substitute for up to one science credit, except for Biology 1.
 - o An identified computer science credit may substitute for up to one science credit, except for Biology 1. The computer science credit may not be used to substitute for both a mathematics and science credit.
- 3 Social Studies Credits
 - o World History
 - o US History
 - o 0.5 credit in US Government
 - o 0.5 credit in Economics
- 1 Fine and Performing Arts, Speech and Debate, or Practical Arts Credit
- 1 Physical Education Credit
- 3 Electives - 0.5 must be Financial Literacy

Career and Technical Education Pathways

Beginning with the 2019-2020 school year, a student may earn a standard high school diploma through the Career and Technical Education (CTE) pathway option.

To earn a standard high school diploma through this pathway option, a student must:

- Successfully complete a minimum of 18 credits.
- Have a minimum, cumulative GPA of at least a 2.0 on a 4.0 scale.
- Meet the requirements of
 - o 4 English credits (including the statewide grade 10 Reading assessment or the grade 10 ELA assessment, or earn a concordant score)
 - o 4 Math credits (including the statewide Algebra I EOC assessment, or earn a comparative score)
 - o 3 Science credits
 - o 3 Social studies credits
- Complete two credits in career and technical education. The courses must result in a program completion and an industry certification.
- Complete two credits in work-based learning programs. A student may substitute up to two credits of electives, including one-half credit in financial literacy, for work-based learning program courses to fulfill this requirement.

Programs are designed with a career path in mind. Classes are designed to support programs of study beyond high school. IB Career Program Pathways pair at least two IB Academic courses alongside a chosen CTE or DE Career related study, centered around a two-year course in Personal and Professional skills.

Programs of interest at Rutherford High School are: Culinary Arts, Agriculture Science, Building and Trades, Communications and Technology, Tourism and Business, Military and Aviation, and Teaching.

Agriculture, Food & Natural Resources Pathway:

Agriculture, Food and Natural Resources is a pathway that is focused on the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products or resources.

Related jobs include: Botanist, Certified Crop Advisor, Farmer/Rancher, Game Warden, Food Scientist, Animal Breeder.

Recommended Core Courses

| Grade | English Recommendation | Math Recommendation | Science Recommendation | Social Studies Recommendation | Elective Recommendations |
|-------|------------------------|------------------------------------|------------------------|-------------------------------------|--|
| 9th | Eng 1 Pre-IB | Algebra I | Environmental Science | Personal Finance & Money Management | *PE 1 credit *Performing Art 1 credit *Agriscience Foundations |
| 10th | Eng 2 Pre-IB | Geometry | Biology | World History | *Agritechnology 1 |
| 11th | IB Eng Lang & Lit 1 | Algebra 2 | Earth Space Science | US History | *Agritechnology 2 |
| 12th | IB Eng Lang & Lit 2 | Math for Data & Financial Literacy | | Economics/US Government | *Financial Lit |

Building and Trades Pathway:

Building and trades pathways emphasize processes, systems, and the way in which structures are designed and built. Students acquire knowledge and skills in a sequential, standards-based pathway program that integrates hands-on, project-based, and work-based instruction.

Related jobs include: Architect, Home Builder, Welder, Structural Steelworker, Carpenter, Electrical Worker, HVAC worker, Engineer.

Recommended Core Courses

| Grade | English Recommendation | Math Recommendation | Science Recommendation | Social Studies Recommendation | Elective Recommendations |
|-------|------------------------|------------------------------------|------------------------|-------------------------------------|--|
| 9th | Eng 1 Pre-IB | Algebra I | Environmental Science | Personal Finance & Money Management | *PE 1 credit *Performing Art 1 credit *Building Trades 1 |
| 10th | Eng 2 Pre-IB | Geometry | Biology | World History | *Building Trades 2 |
| 11th | IB Eng Lang & Lit 1 | Algebra 2 | Earth Space Science | US History | *Building Trades 3 |
| 12th | IB Eng Lang & Lit 2 | Math for Data & Financial Literacy | | Economics/US Government | *Building Trades 4 *Financial Lit |

Culinary Arts Pathway:

Culinary arts is a pathway that teaches students to prepare quality food products and present them creatively; demonstrate safe, sanitary work procedures; understand food science principles related to cooking and baking; and utilize nutrition concepts when planning meals/menus.

Related jobs include: pastry cook, culinary specialist, caterer, purchasing coordinator, restaurant manager, Sous chef, nutritionist, food safety specialist.

Recommended Core Courses

| Grade | English Recommendation | Math Recommendation | Science Recommendation | Social Studies Recommendation | Elective Recommendations |
|-------|------------------------|------------------------------------|------------------------|-------------------------------------|---|
| 9th | Eng 1 Pre-IB | Algebra I | Environmental Science | Personal Finance & Money Management | *PE 1 credit *Performing Art 1 credit *Culinary Art 1 |
| 10th | Eng 2 Pre-IB | Geometry | Biology | World History | *Culinary Art 2 |
| 11th | IB Eng Lang & Lit 1 | Algebra 2 | Earth Space Science | US History | Culinary Art 3 |
| 12th | IB Eng Lang & Lit 2 | Math for Data & Financial Literacy | | Economics/US Government | *Financial Lit |

Digital Communications & Technology

Careers in Web and Digital Communications involve creating, designing and producing interactive multimedia products and services, including development of digitally-generated or computer-enhanced media used in business, training, entertainment, communications and marketing.

Related jobs include Digital Strategist, Graphic Designer, Digital media writer or designer, Public Relations Specialist, Video designer, Media Planner.

Recommended Core Courses

| Grade | English Recommendation | Math Recommendation | Science Recommendation | Social Studies Recommendation | Elective Recommendations |
|-------|------------------------|------------------------------------|------------------------|-------------------------------------|--|
| 9th | Eng 1 Pre-IB | Algebra I | Environmental Science | Personal Finance & Money Management | *PE 1 credit *Performing Art 1 credit *Digital Info Tech |
| 10th | Eng 2 Pre-IB | Geometry | Biology | World History | *Digital Design 1 |
| 11th | IB Eng Lang & Lit 1 | Algebra 2 | Earth Space Science | US History | *Digital Design 2 |
| 12th | IB Eng Lang & Lit 2 | Math for Data & Financial Literacy | | Economics/US Government | **Financial Lit *AP Computer Science Principles |

Hospitality and Tourism

The Hospitality and Tourism Career Pathway includes the management, marketing, and operations of restaurants and other food services, lodging, attractions, recreation events, and travel-related services.

Related jobs include Event Manager, Travel Agent, Hotel Manager, Concierge, Cruise Agent, Sports Center Management, Spa Manager.

Recommended Core Courses

| Grade | English Recommendation | Math Recommendation | Science Recommendation | Social Studies Recommendation | Elective Recommendations |
|-------|------------------------|------------------------------------|------------------------|-------------------------------------|---|
| 9th | Eng 1 Pre-IB | Algebra I | Environmental Science | Personal Finance & Money Management | *PE 1 credit *Performing Art 1 credit *Intro to Hospitality and Tourism |
| 10th | Eng 2 Pre-IB | Geometry | Biology | World History | *Tech for Hospitality and Tourism |
| 11th | IB Eng Lang & Lit 1 | Algebra 2 | Earth Space Science | US History | |
| 12th | IB Eng Lang & Lit 2 | Math for Data & Financial Literacy | | Economics/US Government | *Hospitality and Tourism OJT *Financial Lit |

Military and Aviation

The Military and Aviation Career Pathway is focused on planning and performing governmental functions at the local, state, and federal levels, including governance, national security, foreign service, planning, revenue and taxation, and regulations. The US Air Force Junior Reserve Officer Training Corps (JROTC), in particular, is a military-themed character development program offered to help high school students develop their capacity for citizenship, leadership, character building and service to the community.

Related jobs include Pilot, Aircraft mechanic, Military Officer, Flight Engineer, Air Traffic Control Technician, Drone Operator.

Recommended Core Courses

| Grade | English Recommendation | Math Recommendation | Science Recommendation | Social Studies Recommendation | Elective Recommendations |
|-------|------------------------|------------------------------------|------------------------|-------------------------------------|--|
| 9th | Eng 1 Pre-IB | Algebra I | Environmental Science | Personal Finance & Money Management | *PE 1 credit *Performing Art 1 credit *JROTC 1 |
| 10th | Eng 2 Pre-IB | Geometry | Biology | World History | *JROTC 2 |
| 11th | IB Eng Lang & Lit 1 | Algebra 2 | Earth Space Science | US History | *JROTC 3 |
| 12th | IB Eng Lang & Lit 2 | Math for Data & Financial Literacy | | Economics/US Government_ | *JROTC 4 *Financial Lit |

International Baccalaureate Diploma Program

The International Baccalaureate (IB) Diploma Programme (DP) is an academically challenging program of study designed to prepare high school students for success at universities and life beyond high school.

Recommended Core Courses

| Grade | English | Math | Science | Social Studies | Foreign Language | Elective Recommendations |
|-------|----------------------------|---|--------------------------------|---|----------------------------|---|
| 9th | Eng 1 Pre-IB | Algebra I/ Geometry | Pre-IB Biology | Pre-IB World History/ AP World History | Pre-IB Latin or Spanish 1 | *Performing Arts CTE option AP Human Geography Pre IB Inquiry Skills |
| 10th | Eng 2 Pre-IB/ AP Lang | Geometry/ Algebra 2 | Pre-IB Chemistry/ AP Physics 1 | US History Hon/ AP US/ Govt/Law Studies | Pre-IB Latin or Spanish 2 | *Performing Arts AP or DE option CTE option |
| 11th | IB English Lang & Lit 1 HL | IB Math 1* *Placement dep on test scores & teacher rec | IB Bio 1/ AP Physics 2 | History of Americas/ Digital Societies 1 | IB Latin 4 or IB Spanish 4 | TOK IB 6 th subject DE/AP/other |
| 12th | IB English Lang & Lit 2 HL | IB Math 2* | IB Bio 3/ IB Physics 3 | Contemporary History/ Digital Societies 3 | IB Latin 5 or IB Spanish 5 | TOK IB 6 th subject DE/AP /other Econ/Financial Literacy |

International Baccalaureate Career Program

The International Baccalaureate (IB) Career Programme (CP) offers students the opportunity to combine a CTE or DE pathway of their choice with two or more IB classes linked by a central Personal and Professional Skills course to prepare them for success in a wide range of educational and career pathways.

Note: IB English is required for all students + any one (or more) of the other IB courses listed. IB Core courses in Math, Science, and Social Studies are by student request and teacher recommendation.

Recommended Core Courses

| Grade | English | Math* Progression depends on individual | Science | Social Studies | Foreign Language | Elective Recommendations |
|-------|----------------------------------|---|--|--|--|---|
| 9th | Eng 1 Pre-IB | Algebra I/ Geometry | Pre-IB Biology | Pre-IB World History/ AP World History | | *Performing Arts CTE option AP Human Geography Pre IB Inquiry Skills |
| 10th | Eng 2 Pre-IB/ AP Lang | Geometry/ Algebra 2 | Pre-IB Chemistry/or AP Physics 1/ or Anatomy | US History Hon/ Govt/Law Studies | | *Performing Arts AP or DE option CTE option |
| 11th | IB English Lang & Lit 1 HL | See above Optional IB Math 1* *Placement dep on test scores & teacher rec | Earth Space Science Optional IB Science Choices:: IB Astronomy/ IB Env. Sys/ IB Bio/IB Physics | US History Optional IB History of Americas/ Digital Societies 1 | Latin, Spanish, or ASL on campus/or online Language study | Personal & Professional Skills 1 IB Elective CTE/DE elective |
| 12th | IB English Lang & Lit 2 HL | Math for Data & Financial Literacy Optional IB Math 2* | Earth Space Science Optional IB Science Choices Yr 2 See above | Econ/Financial Literacy Optional Contemporary History/or Digital Societies 3 | Latin, Spanish, or ASL on campus/or online Language study | Personal & Professional Skills 2 IB Elective CTE/DE elective |

Associate Degree Program

The associate degree program is an advanced program designed to allow high school students work to obtain a two-year college degree that is obtained from a community college while simultaneously obtaining a high school diploma. Students will take college level courses through a combination of college dual enrollment and high school classes taught at a college level for credit by exam, all alongside high school courses. This course map allows students to complete high school as IB Diploma Programme candidates (which greatly increases college admissions rates and scholarship opportunities) alongside the completion of an Associate Degree.

Recommended Core Courses

| Grade | English Recommendation | Math Recommendation | Science Recommendation | Social Studies Recommendation | Elective Recommendations |
|--------------|---------------------------------------|---|-------------------------------|--|--|
| 9th | Eng 1 Pre-IB | Geometry H (Complete Alg 1 prior to entry) | Pre-IB Biology | AP Human Geography | *AP Comp Sci Principles *AP Photography *Pre-IB Latin or Spanish |
| Summer 9-10 | | | | Am Gov POS 2041 | Intro level Visual/Performing Arts class from GCSC |
| 10th | AP Eng. Comp | Alg 2 Hon | Pre-IB Chem | AP World Hist | *Pre-IB Latin or Spanish *AP Physics 1 *GCSC course in transfer track |
| Summer 10-11 | | | Bio Sciences with lab at GCSC | | *GCSC Intro Level Philosophy/Religions class |
| 11th | AP Eng Lit & Comp | AP Precalculus | AP Physics 2 or IB Bio 1 | AP US Hist | *IB Latin or Spanish *IB Anthropology/IB Psychology/IB Astronomy |
| Summer 11-12 | GCSC class Intro level Humanities/Lit | | | | *GCSC course in transfer track *GCSC course in transfer track |
| 12th | IB Eng 4 | IB Math 2 | IB Physics 3 or IB Bio 3 | IB History -Modern or IB Digital Societies | *IB Latin or Spanish *(Fall) GCSC course in transfer track & (Spring) GCSC course in transfer track *(Fall) GCSC course in transfer track & (Spring) GCSC course in transfer track |

Course Descriptions

Agriculture, Food & Natural Resources

Agriscience Foundations 1/Level 3

Course Number: 8106810

Credit: 1.00

Weight: Honors 4.5

Term: Yearlong

Prerequisite: None

Course Description:

This course is designed to develop competencies in the areas of agricultural history: global importance of agriculture, career opportunities, applied scientific and technological concepts, ecosystems, agricultural safety, principles of integrated pest management, principles of plant and animal growth, economic principles, agricultural marketing and human relations skills. Laboratory activities are an integral part of this course, which includes the safe use and application of high technology equipment, telecommunications equipment and scientific testing and observation equipment.

Agritechnology I

Course Number: 8106820

Credit: 1.00

Weight: Honors 4.5

Term: Yearlong

Prerequisite: Agriscience Foundations 1

Course Description:

Students complete a hands-on project called a Supervised Agricultural Experience as part of the program along with working with plants and animals through Land-labs in the school setting. As a result of being in the agriculture classes, students are encouraged to actively participate in leadership competitions, employability, forming relationships and citizenship skills within FFA.

Agritechnology 2

Course Number: 8106830

Credit: 1.00

Weight: Honors 4.5

Term: Yearlong

Prerequisite: Agritechnology 1

Course Description:

Students complete advanced hands-on projects called Supervised Agricultural Experiences as part of the program along with working with plants and animals through Land-labs in the school setting. As a result of being in the agriculture classes, students are encouraged to actively participate in leadership competitions, employability, forming relationships and citizenship skills within FFA.

Architecture and Construction

Building Trades and Construction Design Technology 1

Course Number: 8722010

Credit: 1.00

Weight: Honors 4.5

Term: Yearlong

Prerequisite: Completion of the Registration and Release form provided upon entry into the course and the willingness to participate in various construction related projects.

Course Description:

In the construction courses, students will learn the basics of Carpentry and Welding.

Building Trades and Construction Design Technology 2

Course Number: 8722020

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: 8722010 and completion of the Registration and Release form provided upon entry into the course and the willingness to participate in various construction related projects.

Course Description:

In the construction courses, students will learn the basics of Carpentry and Welding.

Building Trades and Construction Design Technology 3

Course Number: 8722030

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: 8722020 and completion of the Registration and Release form provided upon entry into the course and the willingness to participate in various construction related projects.

Course Description:

In the construction courses, students will learn the basics of Carpentry and Welding.

Building Trades and Construction Design Technology 4

Course Number: 8722040

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: 8722030 and completion of the Registration and Release form provided upon entry into the course and the willingness to participate in various construction related projects.

Course Description:

In the construction courses, students will learn the basics of Carpentry and Welding.

Building Trades and Construction Design Technology 5

Course Number: 8722050

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: 8722040 and completion of the Registration and Release form provided upon entry into the course and the willingness to participate in various construction related projects.

Course Description:

In the construction courses, students will learn the basics of Carpentry and Welding.

Building Trades and Construction Design Technology 6

Course Number: 8722060

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: 8722050 and completion of the Registration and Release form provided upon entry into the course and the willingness to participate in various construction related projects.

Course Description:

In the construction courses, students will learn the basics of Carpentry and Welding.

Computer Education

Digital Information Technology/Level 2

Course Number: 8207310

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: None

Course Description:

This program offers a broad foundation of knowledge and skills to prepare students for employment in network support services positions. This course is a foundation course for Digital Design, Cybersecurity, and other digital pathways.

Digital Design 1/Level 2

Course Number: 8209510

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: prefer prior completion of Digital Information Technology

Course Description:

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.

Digital Design 2/Level 3

Course Number: 8209520

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: Digital Design 1 or equivalent

Course Description:

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.

Digital Design 4/Level 3

Course Number: 8209540

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: Digital Design 3 or equivalent

Course Description:

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.

International Baccalaureate Computer Science 1

Course Number: 200800

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Grade 10 or 11, prior computer foundation course such as Digital Information Technology or AP Computer Sci Principles

Course Description:

Computational thinking lies at the heart of the course and is integrated with other topics. This will be supported by practical activities including programming. Candidates will learn programming skills as a critical element of developing higher-level skills applicable to virtually all fields of study. Algorithmic thinking will be both externally and internally assessed at the level of pseudo-code. Practical programming experience will be an essential element of developing higher-level thinking skills; this may be assessed as a part of the internal assessment. All computer science students will work with other students of group 4 subjects (physics, chemistry, biology, design technology, environmental systems and societies and sports, exercise and health science).

International Baccalaureate Computer Science 2

Course Number: 200810

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: IB Computer Science 1

Course Description:

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 Computer Science 2 follows IB Computer Science 1, and can complete the IB Computer Science sequence for students testing at IB Standard Level.

International Baccalaureate Computer Science 3

Course Number: 200820

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: IB Computer Science 1

Course Description:

The IB Computer Science course is a rigorous and practical problem-solving discipline. This course requires an understanding of the fundamental concepts of computational thinking as well as knowledge of how computers and other digital devices operate. During this course, students will develop the skills/ability needed to identify a problem or unanswered question(s); design, prototype and test a proposed solution; liaise with clients to evaluate the success of the proposed solution and make recommendations for future developments. *IB Computer Science 3 can follow IB Computer Science 1 for students testing at the IB Higher Level in this subject.

Culinary Arts

Culinary Arts 1/Level 2

Course Number: 8800510

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: None

Course Description:

This course covers the history of the food service industry and careers in that industry. Also covered are safety in the workplace, employability skills, leadership/teamwork skills, care and use of commercial culinary equipment, basic food science, basic nutrition, and following recipes in food preparation labs.

Culinary Arts 2/Level 2

Course Number: 8800520

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Culinary 1

Course Description:

In this course students will learn state mandated guidelines for food service, how to attain food handler training certification, and perform front-of-the-house and back-of-the-house duties. Students will prepare quality food products and present them creatively, demonstrate safe, sanitary work procedures, understand food science principles related to cooking and baking, and utilize nutrition concepts when planning meals/menus.

Culinary Arts 3/Level 3

Course Number: 8800530

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: Culinary 2

Course Description:

In this course the student will research career opportunities in professional cooking/baking, follow guidelines on food selection, purchasing, and storage, and use communication skills. Students will prepare and present a variety of advanced food products, create centerpieces, and research laws specific to the hospitality industry. Also covered are management skills, how to develop a business plan, and utilization of technology in the workplace. Students will be knowledgeable about food safety manager training/certification training programs that are acceptable in Florida.

Culinary Arts 4(Track 1)/Level 3

Course Number: 8800540

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: Culinary 3

Course Description:

In this course students will prepare various meals and food products including those for individuals with various nutritional needs and/or dietary restrictions. The relationship between nutrition and wellness will be examined. Cost

control techniques and profitability will be covered as well as analysis of food establishment menus. Students will also demonstrate basic financial literacy skills.

Hospitality & Tourism

Introduction to Hospitality and Tourism/Level 2

Course Number: 8850110
Weight: Standard 0.0
Prerequisite: None

Credit: 1.00
Term: Yearlong

Course Description:

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.

Technology for Hospitality and Tourism/Level 2

Course Number: 8703110
Weight: Standard 0.0
Prerequisite: None

Credit: 1.00
Term: Yearlong

Course Description:

This course is designed to provide introduction to computer technology and to develop entry-level skills for computer-related careers in the hospitality and tourism industry.

Hospitality and Tourism On-The-Job Training

Course Number: 8800420
Term: Yearlong
Prerequisite: Completed one or more H&T courses or completed certifications in related CTE tracks such as Culinary.

Course Description:

The purpose of the course is to expose students to real life work experiences in the Hospitality and Tourism industry.

Teaching & Education

Introduction to the Teaching Profession/Level 2

Course Number: 8909010
Weight: Standard 0.0
Prerequisite: None

Credit: 1.00
Term: Yearlong

Course Description:

This course is designed to develop competencies related to the role, regulations, and career path of teacher aides, the role of education, leadership and CTSO activities, interpersonal and communication skills, and educational-support tasks.

Electives

Advanced Placement Computer Science Principles

Course Number: 200335

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Digital Information Technology or equivalent self-study

Course Description:

Students will develop computational thinking vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends.

Advanced Placement Computer Science A

Course Number: 200320

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: AP Computer Science Principles or equivalent mastery

Course Description:

AP Computer Science A is an introductory course in computer science. The major theme of the course is problem solving.

Critical Thinking and Study Skills

Course Number: 1700370/1700370CR/1700370G

Credit: 0.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Approval from Counselor

Course Description:

This course is a non-credit course designed to allow students to make up credits that have been failed.

Experimental Science 1 Honors

Course Number: 2002340

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: application

Course Description:

The purpose of this course is to investigate scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental and safety procedures in the lab.

Forensic Science 1

Course Number: 2002480

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Biology

Course Description:

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course.

Forensic Science 2

Course Number: 2002490

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Forensic Science 1

Course Description:

Laboratory investigations that include the use of scientific inquiry, research, measurement, problem solving, laboratory apparatus and technologies, experimental procedures, and safety procedures are an integral part of this course. Learners should understand measurement error; and have the skills to aggregate, interpret, and present the resulting data

International Baccalaureate Digital Society 1

Course Number: 0200890

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite:

Course Description:

The purpose of this course is to enable students to develop the ability to explore and adapt new technological advances as tools for analysis. The interaction between information, technology, and society forms the nucleus of this course. The content should include, but not be limited to, the following: exploration and adaptation of new technological advances as tools for analysis, use of modern information systems to process and analyze information, development of a systematic problem-solving approach to the processing and analysis of information, and integration of various disciplines and perspectives in evaluating and solving problems.

International Baccalaureate Digital Society 3

Course Number: 0200910

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: IB Digital Society 1

Course Description:

This course continues student study and engagement in the exploration of technological advances as they interact with knowledge, thought, and societies. Digital Societies 3 prepares students for assessment at the IB Higher Level.

International Baccalaureate Personal and Professional Skills 1

Course Number: 1700820

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite:

Course Description:

Personal and professional skills is designed for students to develop attitudes, skills and strategies to be applied to personal and professional situations and contexts now and in the future. In this course the emphasis is on skills development for the workplace, as these are transferable and can be applied in a range of situations.

International Baccalaureate Theory of Knowledge 1

Course Number: 900800

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Grade 11, placement in IB Diploma Program

Course Description:

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.

International Baccalaureate Theory of Knowledge 2

Course Number: 900810

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Satisfactory completion of IB Theory of Knowledge 1

Course Description:

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 (TOK) is assessed through an oral presentation and a 1,600-word essay.

International Baccalaureate Business Management 2

Course Number: 2102440

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: 11th or 12th Grade student, either IB Diploma Program, IB Career Program, or teacher recommendation

Course Description:

The business management course is designed to develop students' knowledge and understanding of business management theories, as well as their ability to apply a range of tools and techniques. This single-year course offers assessment for college credit at the end of the class.

International Baccalaureate Psychology 2

Course Number: 2107810

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: 11th or 12th Grade student, either IB Diploma Program, IB Career Program, or teacher recommendation

Course Description:

This college-level course investigates three psychological perspectives including: biological, cognitive, and sociocultural. Students will also explore an optional subject area and undertake two studies: research and experimental. This elective course of study prepares students for the standard level examination in Psychology and counts toward the IB Diploma. The course culminates in an external assessment that provides the possibility of college credit.

International Baccalaureate Psychology 3

Course Number: 2107820

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: IB Psychology 2

Course Description:

Students in this course extend their study of the main content areas of IB Psychology 2: Biological Level of Analysis, Cognitive Level of Analysis, and Socio-Cultural Level of Analysis. In addition to these main content areas, IB Psychology 3 focuses on research methods, technological impacts on psychological research and human behavior, animal research impacts on studying human behavior, and the effects of globalization on human behavior. This course offers IB Higher Level assessment for college credit at the end of the class.

Journalism 3 (Honors)

Course Number: 1006320/1006320C

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Permission of Instructor

Course Description:

The purpose of this course is to provide intermediate instruction in writing and production skills related to various journalistic media.

Journalism 4 (Honors)

Course Number: 1006330/1006330C

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Permission of Instructor and Meet Honors Criteria

Course Description:

The purpose of this course is to enable students to develop fundamental skills and techniques for use in debate and forensic activities.

Fine Arts & Performing Arts

The nature of visual art throughout history includes sensitive material such as mental health, nudity, politics, race, or religion. These topics will occasionally be a part of this course. Parents or students may speak with the teacher about concerns regarding course content.

Advanced Placement 2-D Art & Design

Course Number: 109350

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Pre-IB placement or teacher recommendation

Course Description:

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 3-D Art & Design

Course Number: 109360

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Teacher Recommendation

Course Description:

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.

Advanced Placement Drawing

Course Number: 104300

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Teacher Recommendation

Course Description:

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.

Band 1

Course Number: 1302300/1302300P/1302300W

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Director's Approval

Course Description:

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.

Band 2**Course Number:** 1302310/1302310P/1302310P**Credit:** 1.00**Weight:** Standard 0.0**Term:** Yearlong**Prerequisite:** Band I and Director's Approval**Course Description:**

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.

Band 3**Course Number:** 1302320/1302320P/1302320W**Credit:** 1.00**Weight:** Standard 0.0**Term:** Yearlong**Prerequisite:** Band II and Director's Approval**Course Description:**

The purpose of this course is to enable students to develop proficient 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.

Band 4**Course Number:** 1302330/1302330P/21302330W**Credit:** 1.00**Weight:** Standard 0.0**Term:** Yearlong**Prerequisite:** Band III and Director's Approval**Course Description:**

The purpose of this course is to enable students to develop consistently proficient 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.

Band 5 Honors**Course Number:** 1302340/1302340P/1302340W**Credit:** 1.00**Weight:** Honors 0.5**Term:** Yearlong**Prerequisite:** Meet Honors Criteria Band IV and Director's Approval

Course Description:

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.

Band 6 Honors

Course Number: 1302350/130250W/

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: Meet Honors Criteria Band V and Director's Approval

Course Description:

The purpose of this course is to enable students to develop independent, 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.

Chorus 1

Course Number: 1303300

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Audition

Course Description:

The purpose of this course is to enable students to develop basic individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation, and development of critical and aesthetic response to music.

Chorus 2

Course Number: 1303310

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Audition

Course Description:

The purpose of this course is to enable students to develop intermediate-level individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music.

Chorus 3

Course Number: 1303320

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Audition

Course Description:

The purpose of this course is to enable students to develop proficient individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music.

Chorus 4

Course Number: 1303330

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Audition

Course Description:

The purpose of this course is to enable students to develop consistently proficient individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music.

Chorus 5 Honors

Course Number: 1303340

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: Meet Honors Criteria Audition

Course Description:

The purpose of this course is to enable students to develop advanced individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music.

Chorus 6 Honors

Course Number: 1303350

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: Meet Honors Criteria Audition

Course Description:

The purpose of this course is to enable students to develop independent, advanced individual and ensemble skills in choral performance through preparation of varied high school literature. Emphasis will be placed on healthy and expressive singing, accurate interpretation of notation and development of critical and aesthetic response to music.

Drawing 1

Course Number: 104335

Credit: 1.0

Weight: Standard 0.0

Term: Yearlong

Prerequisite: None

Course Description:

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. This course incorporates hands-on activities and consumption of art materials.

Eurhythmics 1

Course Number: 1305300

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Director's Approval

Course Description:

The purpose of this course is to enable students to develop basic skills in creating, performing and evaluating choreographed performances as an independent ensemble and in cooperation with the marching band. Emphasis is placed on dance, equipment manipulation precision and the relationship between music and dance. This course may include after school and weekend activities.

Eurhythmics 2

Course Number: 1305310

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Eurhythmics I and Director's Approval

Course Description:

The purpose of this course is to enable students to develop intermediate-level skills in creating, performing and evaluating choreographed performances as an independent ensemble and in cooperation with the marching band. Emphasis is placed on dance, equipment manipulation precision and the relationship between music and dance. This course may include after school and weekend activities.

International Baccalaureate Film Studies 1

Course Number: 107470

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: grade 10, 11, or 12; requires teacher approval

Course Description:

The purpose of this course is to enable the student, through the study and analysis of film texts and exercises in film-making, to explore film history, theory and socio-economic 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.

International Baccalaureate Film Studies 2

Course Number: 107472

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: either satisfactory completion of IB Film 1 or teacher approval

Course Description:

The purpose of this course is to enable the student, through the study and analysis of film texts and exercises in film-making, to explore film history, theory and socio-economic 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 may complete the film course sequence by completing the IB Standard Level Assessment in Film for college credit or continue to Film 3.

International Baccalaureate Film Studies 3

Course Number: 107474

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: A or B in IB Film 2

Course Description:

The purpose of this course is to enable the student, through the study and analysis of film texts and exercises in film-making, to explore film history, theory and socio-economic 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. This class culminates in IB Higher Level Assessment in Film for college credit.

International Baccalaureate Music 2

Course Number: 1300818/1300818I

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Audition for instructor

Course Description:

The purpose of this course is to develop the International Baccalaureate students' understanding of the techniques of listening, analysis, performing and composing through the use of keyboard, computer-assisted writing and student preferred applied instrument or voice medium. This class culminates in IB Higher Level Assessment in Music for college credit.

Music of the World

Course Number: 1300340

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: None

Course Description:

Students explore the musical traditions of 20th- and 21st-century American and global communities around the world through study of current trends, focusing on the function of music within various cultures (e.g., jazz, world drumming, mariachi, soul, gamelan, Bollywood, digital). Students examine and report on human activities involving music, technology- and culture-related influences on music, and the sounds and structures of music composition. Public performances may serve as a resource for specific instructional goals. Students may be required to attend one or more performances outside the school day to support, extend, and assess learning in the classroom.

Three-Dimensional Studio Art 1

Course Number: 101330

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: None

Course Description:

Students explore how space, mass, balance, and form combine to create aesthetic forms or utilitarian products and structures. Instruction may include, but is not limited to, content in green or industrial design, sculpture, ceramics, or building arts. Media may include, but are not limited to, clay, wood, plaster, and paper maché with consideration of the workability, durability, cost, and toxicity of the media used. Student artists consider the relationship of scale (i.e., hand-held, human, monumental) through the use of positive and negative space or voids, volume, visual weight, and gravity to create low/high relief or freestanding structures for personal intentions or public places. They explore sharp and diminishing detail, size, position, overlapping, visual pattern, texture, implied line, space, and plasticity, reflecting craftsmanship and quality in the surface and structural qualities of the completed art forms. Students in the 3-D art studio focus on use of safety procedures for process, media, and techniques. Student artists use an art criticism process to evaluate, explain, and measure artistic growth in personal or group works.

Two-Dimensional Studio Art 1

Course Number: 101300

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: None

Course Description:

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, painting, printmaking, collage, and/or design. 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

Technical Theater: Design & Production for Costume, Makeup, & Hair

Course Number: 400409
Weight: Standard 0.0
Prerequisite: None

Credit: 1.00
Term: Yearlong

Course Description:

Students learn the basic tools and procedures for designing and creating costumes, hair, and makeup. Students learn the conventions of design presentation and documentation, the organizational structure of theatre production and creative work in a collaborative environment. Public performances may serve as a culmination of specific instructional goals. Students may be required to attend or participate in technical work, rehearsals, and/or performances beyond the school day.

Theater 1

Course Number: 400310
Weight: Standard 0.0
Prerequisite: None

Credit: 1.00
Term: Yearlong

Course Description:

This course is designed for students with little or no theater experience, and promotes enjoyment and appreciation for all aspects of theater. Classwork focuses on the exploration of theater 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 theater also helps students gain appreciation for other art forms, such as music, dance, and visual art.

Theater 2

Course Number: 400320
Weight: Standard 0.0
Prerequisite: Drama I, Teacher Recommendation and Audition.

Credit: 1.00
Term: Yearlong

Course Description:

This course is designed for students with a year of experience or more, and promotes enjoyment and appreciation for all aspects of theater through opportunities to build significantly on existing skills. Classwork focuses on characterization, playwriting, and playwrights' contributions to theater, 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.

English/Language Arts

Advanced Placement English Language and Composition

Course Number: 1001420
Weight: Honors 1.0
Prerequisite: Meet Honors Criteria and Teacher Recommendation

Credit: 1.00
Term: Yearlong

Course Description:

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 which may allow them to earn college credit.

Advanced Placement English Literature and Composition

Course Number: 1001430

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Course Description:

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 which may allow them to earn college credit..

Applied Communications 1

Course Number: 1001460

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: None

Course Description:

This course is designed for the student who enjoys reading and who would like to pursue a variety of literature in the classroom setting without the rigors of the English classroom. Most of the class time will be spent reading. Other classroom activities may include group discussion, whole class discussion and written commentary. There is a required reading list for this course. This course is not a study hall.

Applied Communications 2

Course Number: 1001470

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Applied Communications I

Course Description:

This course is designed for the student who enjoys reading and who would like to pursue a variety of literature in the classroom setting without the rigors of the English classroom. Most of the class time will be spent reading. Other classroom activities may include group discussion, whole class discussion and written commentary. There is a required reading list for this course. This course is not a study hall.

English 3

Course Number: 1001370

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: English II

Course Description:

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. *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.

English 4

Course Number: 1001400

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: English III

Course Description:

The purpose of this course is to build upon previous years' language arts experiences and to emphasize 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.

English Language Development

Course Number: 1002380

Credit: 0.05

Weight: Standard 0.0

Term: Multiyear

Prerequisite: None

Course Description:

The purpose of this course is to provide students who are native speakers of languages other than English instruction enabling students to accelerate the development of reading, writing, listening, speaking and language skills and to strengthen these skills so they are able to successfully read and comprehend grade level text independently.

Florida's Pre-international Baccalaureate English 1

Course Number: 1001800/10018000DP

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: Placement in Pre IB Program

Course Description:

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.

Florida's Pre-international Baccalaureate English 2

Course Number: 1001810

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: Placement in Pre IB Program

Course Description:

This course will include, but is not limited to, the following: the genres and universal themes found in the literature of the English-speaking world, advanced literary analysis with applications to composition and discussion, vocabulary study with focus on preparation for college-entrance examinations.

International Baccalaureate English Literature 3

Course Number: 1001820/1001820CP
Weight: Honors 1.0
Prerequisite: Placement in IB Program

Credit: 1.00
Term: Yearlong

Course Description:

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.

International Baccalaureate English Literature 4

Course Number: 1001830
Weight: Honors 1.0
Prerequisite: Placement in IB Program

Credit: 1.00
Term: Yearlong

Course Description:

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. This course culminates in an IB Higher Level assessment which may allow students to earn college credit.

International Baccalaureate English Ab Initio 1

Course Number: 1001880
Weight: Honors 1.0
Prerequisite: grade 11 or 12 & not familiar with English

Credit: 1.00
Term: Yearlong

Course Description:

The purpose of this course is to provide IB-designed rich language instruction to students beginning to learn English, who speak another language. Ab Initio level IB classes do not earn college credit in Florida, but do provide the student basic knowledge of both the language in everyday use and the culture of the places where it is spoken. The standard reached by the student after two years is considerably lower than that reached in a full 4-6 year world language sequence. For students to achieve communicative competence in a variety of situations, the following core topics are explored in the Language *ab initio* course: the individual, education and work, town and services, food and drink, leisure and travel, the environment, health and emergencies. The language skills that are taught and assessed are: listening, reading, writing, speaking and cultural awareness.

International Baccalaureate English Language and Literature 1

Course Number: 1005850/1005850CP/1005850SL
Weight: Honors 1.0
Prerequisite: Grade 11 (student has two school years before graduation)

Credit: 1.00
Term: Yearlong

Course Description:

Available as either Standard Level (SL) or Higher Level (HL), this course studies Language in cultural context (including examining power, history of the language, translation, science and technology, social relations, and beliefs) Language and mass communication (including use of language in the media, bias, stereotypes, popular culture, speeches and campaigns, media institutions, editing, persuasive language and entertainment), Literature texts and contexts (exploring ways in which social, cultural and historical contexts influence the creation of literary text through close reading and analysis) and Literature critical study (exploring literary texts closely, analyzing texts and make use of literary terms.)

International Baccalaureate English Language and Literature 2

Course Number: 1005855
Weight: Honors 1.0
Prerequisite: IB English Language and Literature 1 or equivalent

Credit: 1.00
Term: Yearlong

Course Description:

Students develop skills of literary and textual analysis and the ability to present their ideas effectively. A key aim is the development of critical literacy. Across the two year sequence, students study 6 works at higher level and 4 works at standard level from a representative selection of literary forms, periods and places. Students study a range of non-literary texts and bodies of work that include a wide variety of text-types. Students develop the techniques needed for the critical analysis of communication, becoming alert to interactions between text, audience and purpose. Students come to understand how language, culture and context determine the construction of meaning through the exploration of texts, some of which are studied in translation, from a variety of cultures, periods, text-types and literary forms. Students are assessed through a combination of formal examinations and oral and written coursework and oral activities. This course culminates in an IB assessment to earn college credit.

Personal, Career, and School Development Skills 1**Course Number:** 500500**Credit:** 1.00**Weight:** Standard 0.0**Term:** Yearlong**Prerequisite:** None**Course Description:**

The purpose of this course is to provide students who have been designated as at-risk of dropping out of high school with an opportunity to experience success in school and improve attitudes and behaviors towards learning, self, school and community. Through enrollment in this class, students (and their families) are connected with public and private health, employment, counseling and social services. The private sector is involved in the collaboration in a variety of ways.

Personal, Career, and School Development Skills 2**Course Number:** 500510**Credit:** 1.00**Weight:** Standard 0.0**Term:** Yearlong**Prerequisite:** Teacher Recommendation**Course Description:**

The purpose of this course is to provide students who have been designated as at-risk of dropping out of high school with varied experiences in continuing to achieve success in school, personal growth through individual and group processes, and improved attitudes and behaviors towards learning, self, school and community. Through enrollment in this class, students (and their families) are connected with public and private health employment, counseling and social services. The private sector is involved in the collaboration in a variety of ways.

Exceptional Student Education (ESE)**Access Algebra 1A****Course Number:** 7912080**Credit:** 0.05**Weight:** Standard 0.0**Term:** Multiyear**Prerequisite:** None**Course Description:**

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.

Access Algebra 1B**Course Number:** 7912090**Credit:** 0.05**Weight:** Standard 0.0**Term:** Multiyear**Prerequisite:** None

Course Description:

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. This is the second of a two-year sequence of courses, Algebra Ia and Algebra Ib.

Access Biology 1**Course Number:** 7920015**Credit:** 0.05**Weight:** Standard 0.0**Term:** Multiyear**Prerequisite:** None**Course Description:**

The purpose of this course is to provide a general knowledge of biology to enable students with disabilities to function at their highest levels and prepare to participate effectively in post-school adult living and the world of work.

Access Drawing 1**Course Number:** 79967015**Credit:** 1.00**Weight:** Standard 0.0**Term:** Multiyear**Prerequisite:** None**Course Description:**

The purpose of this course is to provide a general knowledge of art to enable students with disabilities to function at their highest levels and to improve imagination and art skills.

Access Earth/Space Science**Course Number:** 7920020**Credit:** 1.00**Weight:** Standard 0.0**Term:** Multiyear**Prerequisite:** None**Course Description:**

The purpose of this course is to provide a general knowledge of the concepts of earth and space science to enable students with disabilities to function at their highest levels and prepare to participate effectively in post-school adult living and the world of work.

Access Economics with Financial Literacy**Course Number:** 7921022**Credit:** 1.00**Weight:** Standard 0.0**Term:** Multiyear**Prerequisite:** None**Course Description:**

The purpose of this course is to provide tiered access to the general education economics and financial literacy curriculum through three levels of Florida Standards Access Points (participatory, supported, and independent), in the areas of economics and financial literacy. Areas of study include currency, banking, monetary policy, financial planning, money management, credit and investment, production of goods and services, supply and demand, and taxation.

Access English 1**Course Number:** 7910120**Credit:** 1.00**Weight:** Standard 0.0**Term:** Multiyear**Prerequisite:** None**Course Description:**

Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth

of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

Access English 2

Course Number: 7910125

Credit: 0.05

Weight: Standard 0.0

Term: Multiyear

Prerequisite: None

Course Description:

Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

Access English 3

Course Number: 7910130

Credit: 0.05

Weight: Standard 0.0

Term: Multiyear

Prerequisite: None

Course Description:

Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

Access English 4

Course Number: 7910135

Credit: 1.00

Weight: Standard 0.0

Term: Multiyear

Prerequisite: None

Course Description:

Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

Access Integrated Science 1

Course Number: 7920025

Credit: 0.05

Weight: Standard 0.0

Term: Multiyear

Prerequisite: None

Course Description:

The purpose of this course is to provide a general knowledge of the concepts of life science, physical science and earth science to enable students with disabilities to function at their highest levels and prepare to participate effectively in post-school adult living and the world of work.

Access Mathematics for Data & Financial Literacy

Course Number: 7912120

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: None

Course Description:

Access courses are for students with the most significant cognitive disabilities. Access courses are designed to provide students access to grade-level general curriculum. Access points are alternate academic achievement standards included in access courses that target the salient content of Florida's standards. Access points are intentionally designed to academically challenge students with the most significant cognitive disabilities.

Access United States Government

Course Number: 7921015

Credit: 0.05

Weight: Standard 0.0

Term: Multiyear

Prerequisite: None

Course Description:

Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

Access United States History

Course Number: 7921025

Credit: 1.00

Weight: Standard 0.0

Term: Multiyear

Prerequisite: None

Course Description:

Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

Access World History

Course Number: 7921027

Credit: 0.05

Weight: Standard 0.0

Term: Multiyear

Prerequisite: None

Course Description:

Access courses are intended only for students with a significant cognitive disability. Access courses are designed to provide students with access to the general curriculum. Access points reflect increasing levels of complexity and depth of knowledge aligned with grade-level expectations. The access points included in access courses are intentionally designed to foster high expectations for students with significant cognitive disabilities.

Language Therapy

Course Number: 7966040

Credit: 0.05

Weight: Standard 0.0

Term: N/A

Prerequisite: None

Course Description:

The purpose of this course is to provide students exhibiting language disorders that negatively impact their ability to benefit from the educational process appropriate instruction in language skills, both oral and written, necessary for academic learning, social interaction and vocational success.

Learning Strategies 9-12

Course Number: 7963080

Credit: 0.05

Weight: Standard 0.0

Term: Multiyear

Prerequisite: None

Course Description:

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.

Preparation for Adult Living

Course Number: 7963010
Weight: Standard 0.0
Prerequisite: None

Credit: 0.05
Term: Multiyear

Course Description:

The purpose of this course is to enable students with disabilities to acquire the knowledge and skills needed to prepare for post-school adult living.

Speech Therapy

Course Number: 7966030
Weight: Standard 0.0
Prerequisite: None

Credit: 0.05
Term: N/A

Course Description:

The purpose of this course is to provide students exhibiting communication disorders that negatively impact their ability to benefit from the educational process appropriate instruction in the communication skills necessary for academic learning, social interaction and vocational success.

Foreign Languages

American Sign Language 1

Course Number: 717300
Weight: Standard 0.0
Prerequisite: Middle School Teacher Recommendation or Successful Completion of English I

Credit: 1.00
Term: Yearlong

Course Description:

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. ASL I may be substituted for the foreign language university requirement.

American Sign Language 2

Course Number: 717310
Weight: Standard 0.0
Prerequisite: ASL I and Teacher Recommendation

Credit: 1.00
Term: Yearlong

Course Description:

The purpose of this course is to further develop students' knowledge of American Sign Language (ASL). ASL 2 may be substituted for the foreign language university requirement.

American Sign Language 3 Honors

Course Number: 717312

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: ASL II and Teacher Recommendation

Course Description:

The purpose of this course is to prepare a hearing student, who has successfully completed ASL I and II, 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.

American Sign Language 4 Honors

Course Number: 717314

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: ASL III and Teacher Recommendation

Course Description:

The purpose of this course is to enable students to further develop advanced skills in American Sign Language through a linguistic, communicative, and cultural approach to language acquisition. Emphasis is placed on receptive and expressive signing, applied grammar, cross-cultural understanding, and real-life applications.

Florida's Pre-international Baccalaureate Latin 1

Course Number: 0706800

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Placement in IB Program

Course Description:

The purpose of this course is to enable students to develop skills in Latin.

Florida's Pre-international Baccalaureate Latin 2

Course Number: 0706810

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Placement in IB Program

Course Description:

The purpose of this course is to enable students to develop skills in Latin.

Florida's Pre-international Baccalaureate Latin 4

Course Number: 0706830

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Placement in IB Program

Course Description:

The purpose of this course is to enable students to develop skills in Latin.

Florida's Pre-international Baccalaureate Latin 5

Course Number: 0706840

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Placement in IB Program

Course Description:

The purpose of this course is to enable students to develop skills in Latin.

Florida's Pre-international Baccalaureate Spanish 1

Course Number: 708800

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: Placement in Pre-IB Program

Course Description:

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

Florida's Pre-international Baccalaureate Spanish 2

Course Number: 708810

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: Placement in Pre-IB Program

Course Description:

The purpose of this course is to expand previously acquired skills in the area of Spanish..

International Baccalaureate Spanish 4

Course Number: 708830

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Satisfactory completion of Pre-IB Spanish 2 or equivalent

Course Description:

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

International Baccalaureate Spanish 5

Course Number: 708840

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Satisfactory completion of IB Spanish 4 or equivalent

Course Description:

The purpose of this course is to expand previously acquired skills and to prepare students to take the International Baccalaureate Language B assessment in Spanish at Standard Level. Students who successfully complete Spanish 5 in Junior year may request to extend Spanish study to Spanish 6 on an individual basis.

International Baccalaureate Spanish AB Initio 1

Course Number: 708891

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Grade 11, IB Diploma Program candidate

Course Description:

The purpose of this course is to provide IB-designed rich language instruction to English-speaking students beginning to learn Spanish. Ab Initio level IB classes do not earn college credit in Florida, but do provide the student basic knowledge of both the language in everyday use and the culture of the places where it is spoken. The standard reached by the student after two years is considerably lower than that reached in a full 4-6 year world language sequence. For students to achieve communicative competence in a variety of situations, the following core topics are explored in the Language *ab initio* course: the individual, education and work, town and services, food and drink, leisure and travel,

the environment, health and emergencies. The language skills that are taught and assessed are: listening, reading, writing, speaking and cultural awareness.

International Baccalaureate Spanish AB Initio 2

Course Number: 708892

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Grade 12, completion of Spanish Ab Initio 1 (or equivalent as evaluated by Program coordinator)

Course Description:

Completion of the instructional sequence begun in Spanish Ab Initio 1 or equivalent. For students to achieve communicative competence in a variety of situations, the following core topics are explored in the Language *ab initio* course: the individual, education and work, town and services, food and drink, leisure and travel, the environment, health and emergencies. The language skills that are taught and assessed are: listening, reading, writing, speaking and cultural awareness.

Spanish 1

Course Number: 708340

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Middle School Teacher Recommendation or Successful Completion of English I

Course Description:

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 Number: 708350

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Spanish I and Teacher Recommendation

Course Description:

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.

JROTC and Military Training

Air Force: Aerospace Science 1

Course Number: 1800300

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: None

Course Description:

This course deals with Frontiers of Aviation History and Building a Better Citizen. The purpose of this course is to enable students to develop knowledge of the historical development of flight and the role of the military in history. Students also develop knowledge of the AFJROTC, individual self-control, citizenship, wellness, health, and fitness. Students practice basic drill techniques and conduct military ceremonies.

Air Force: Aerospace Science 2

Course Number: 1800310

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite:

Course Description:

This course is a general study of the Science of Flight and Interpersonal Communications. The purpose of this course is to enable students to develop knowledge of the aerospace environment, human requirements of flight, principles of aircraft flight, and principles of navigation. Students also develop effective communication skills, understanding of human and group behavior, and basic leadership concepts. Students practice drill movements and observe military customs and ceremonies.

Air Force: Aerospace Science 3

Course Number: 1800320

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite:

Course Description:

This course stresses the Exploration of Space and Life Skills. The purpose of this course is to enable students to develop knowledge of the space environment, space programs and technology, and manned space flight. Students develop knowledge and skills related to planning for postsecondary education or employment, financial planning, and career opportunities. Students polish skills in marching and conducting military ceremonies.

Air Force: Aerospace Science 4

Course Number: 1800360

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite:

Course Description:

This course stresses the Exploration of Space and Life Skills. The purpose of this course is to enable students to develop knowledge of the space environment, space programs and technology, and manned space flight. Students develop knowledge and skills related to planning for postsecondary education or employment, financial planning, and career opportunities. Students polish skills in marching and conducting military ceremonies.

Air Force: Advanced Aerospace Science

Course Number: 1800340

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Instructor approval and co-enrolled

Course Description:

This course stresses the Exploration of Space and Life Skills. The purpose of this course is to enable students to develop knowledge of the space environment, space programs and technology, and manned space flight. Students develop knowledge and skills related to planning for postsecondary education or employment, financial planning, and career opportunities. Students polish skills in marching and conducting military ceremonies.

Mathematics

Advanced Placement Calculus AB

Course Number: 1202410

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Pre-Calculus, Meet Honors Criteria and Teacher Recommendation

Course Description:

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.

Advanced Placement Calculus BC

Course Number: 1202420

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: AP Calculus AB, Meet Honors Criteria and Teacher Recommendation

Course Description:

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 Precalculus

Course Number: 1202305

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Completion of Algebra 2 or equivalent and teacher recommendation

Course Description:

AP Precalculus prepares students for other college-level mathematics and science courses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. The course framework delineates content and skills common to college precalculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. The four concentration areas of the course are Polynomial and Rational Functions, Exponential and Logarithmic Functions, Trigonometric and Polar Functions, and Functions Involving Parameters, Vectors, and Matrices.

Algebra 1

Course Number: 1200310

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: M/J Grade 8 Pre-Algebra

Course Description:

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 End-of-Course examination.

Algebra 1 Honors

Course Number: 1200320

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Course Description:

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 End-of-Course examination.

Algebra 1-A

Course Number: 1200370

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: M/J Grade 8 Pre-Algebra

Course Description:

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. 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). There are two critical areas of this course: Relationships Between Quantities and Reasoning with Equations and Linear and Exponential Relationships. These critical areas 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 Mathematical Practice apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of real-world scenarios.

Algebra 1-B

Course Number: 1200380

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Algebra 1-A

Course Description:

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. This is the second 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). There are three critical areas of this course: Descriptive Statistics, Expressions and Equations and Quadratic Functions and Modeling. These critical areas 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 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 End-of-Course examination.

Algebra 2

Course Number: 1200330

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Algebra 1, Geometry and Teacher Recommendation

Course Description:

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

Algebra 2 Honors

Course Number: 1200340

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: Algebra 1, Geometry, Meet Honors Criteria and Teacher Recommendation

Course Description:

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 the 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 Number: 1206310

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Algebra 1 and Teacher Recommendation

Course Description:

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.

Geometry Honors

Course Number: 1206320

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: Algebra 1, Meet Honors Criteria and Teacher Recommendation

Course Description:

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. 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. Extensive out-of-class preparation is required. This course emphasizes the relationship between Algebra and Geometry in preparation for Algebra 2 Honors.

International Baccalaureate Mathematics: Analysis and Approaches 1

Course Number: 1201325

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Satisfactory completion of Algebra 2 or equivalent

Course Description:

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.

International Baccalaureate Mathematics: Analysis and Approaches 2

Course Number: 1201330

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Satisfactory completion of IB Mathematics Analysis and Approaches 1 or equivalent

Course Description:

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.

International Baccalaureate Mathematics: Applications and Interpretation 1

Course Number: 1209300

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Satisfactory completion of Algebra 2 or equivalent

Course Description:

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 modeling. 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.

International Baccalaureate Mathematics: Applications and Interpretation 2

Course Number: 1209305

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Satisfactory completion of IB Mathematics Applications and Interpretation 1 or equivalent

Course Description:

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 modeling. 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.

Mathematics for Data and Financial Literacy

Course Number: 1200384

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite:

Course Description:

In Mathematics for Data and Financial Literacy, students will explore specific math skills to understand how money will impact their lives from a personal and a business perspective and learn how properly managing money can lead to financial success and how to analyze data to help you make decisions.

Instruction will be focused to ensure mastery in these five areas:

- extend knowledge of ratios, proportions, and functions to data and financial contexts
- develop an understanding of basic economic and accounting principles
- determine advantages and disadvantages of credit accounts and short- and long-term loans
- develop an understanding of planning for the future through investments, insurance, and retirement plans
- extend knowledge of data analysis to create and evaluate reports and to make predictions

Physical Education

Aerobics 1

Course Number: 1503400/1503400F

Credit: 0.50

Weight: Standard 0.0

Term: Semester

Prerequisite: None

Course Description:

The purpose of this course is to enable students to acquire basic knowledge of aerobic activities and fitness and to maintain or improve an individualized level of fitness.

Aerobics 2

Course Number: 1503410
Weight: Standard 0.0
Prerequisite: None

Credit: 0.50
Term: Semester

Course Description:

The purpose of this course is to enable students to extend their knowledge of aerobic activities and fitness and to maintain or improve an individualized level of fitness.

Aerobics 3

Course Number: 1503420
Weight: Standard 0.0
Prerequisite: None

Credit: 0.50
Term: Semester

Course Description:

This course is designed to help students develop an optimal level of health-related fitness and acquire additional knowledge of fitness concepts.

Basketball

Course Number: 1503310/1503310K/
Weight: Standard 0.0
Prerequisite: None

Credit: 0.50
Term: Semester

Course Description:

The purpose of this course is to enable students to develop knowledge and skills in basketball and to improve health-related fitness.

Basketball 2

Course Number: 1503315K
Weight: Standard 0.0
Prerequisite: None

Credit: 0.50
Term: Semester

Course Description:

The purpose of this course is to enable students to develop knowledge and skills in basketball and to improve health-related fitness.

Care and Prevention of Athletic Injuries

Course Number: 1502490/1502490F
Weight: Standard 0.0
Prerequisite: None

Credit: 0.50
Term: Semester

Course Description:

Semester long PE Elective

Comprehensive Fitness

Course Number: 1501390/1501390F
Weight: Standard 0.0
Prerequisite: None

Credit: 0.50
Term: Semester

Course Description:
Semester long PE Elective

Gymnastics 1

Course Number: 1502300
Weight: Standard 0.0
Prerequisite: None

Credit: 0.50
Term: Semester

Course Description:
The purpose of this course is to enable students to extend their knowledge of gymnastic activities and fitness and to maintain or improve an individualized level of fitness.

Gymnastics 2

Course Number: 1502310
Weight: Standard 0.0
Prerequisite: None

Credit: 0.50
Term: Semester

Course Description:
The purpose of this course is to enable students to extend their knowledge of gymnastic activities and fitness and to maintain or improve an individualized level of fitness.

Individual and Dual Sports 1

Course Number: 1502410
Weight: Standard 0.0
Prerequisite: None

Credit: 0.50
Term: Semester

Course Description:
The purpose of this course is to enable students to acquire basic knowledge and skills in specified individual and dual sports and improve health-related fitness.

Individual and Dual Sports 2

Course Number: 1502420
Weight: Standard 0.0
Prerequisite: None

Credit: 0.50
Term: Semester

Course Description:
The purpose of this course is to enable students to develop knowledge and skills in specified individual and dual sports and improve health-related fitness.

Individual and Dual Sports 3

Course Number: 1502430
Weight: Standard 0.0
Prerequisite: None

Credit: 0.50
Term: Semester

Course Description:
This is a survey course designed to help students acquire knowledge of individual and dual sports play, develop basic skills in selected individual and dual sports and maintain and/or improve health-related fitness.

Paddleball/Racquetball/Handball

Course Number: 1502400

Credit: 0.50

Weight: Standard 0.0

Term: Semester

Prerequisite: None

Course Description:

The purpose of this course is to enable students to extend their knowledge of paddleball, racquetball, handball and fitness and to maintain or improve an individualized level of fitness.

Personal Fitness

Course Number: 1501300

Credit: 0.50

Weight: Standard 0.0

Term: Semester

Prerequisite: None

Course Description:

Aimed at lifelong fitness, this course guides students in strategies and techniques to make continual improvements in all areas of wellness. Students, with the guidance of a training instructor, set personal goals in four areas of wellness: physical, emotional, social, and academic. Fitness assessments enable students to establish baseline levels of fitness and work toward improvement in specific areas. At the end of each module, students submit a wellness plan documenting their daily physical activity, progress toward goals, changes in fitness assessment results, and reflections on personal progress.

Power Weight Training 1

Course Number: 1501410/1501410F

Credit: 0.50

Weight: Standard 0.0

Term: Semester

Prerequisite: Teacher Recommendation

Course Description:

The purpose of this course is to enable students to acquire basic knowledge and skills in power weight training and improve health-related fitness.

Recreational Activities

Course Number: 1502470

Credit: 0.50

Weight: Standard 0.0

Term: Semester

Prerequisite: None

Course Description:

The purpose of this course is to enable students to extend their knowledge of recreational activities and fitness and to maintain or improve an individualized level of fitness.

Team Sports 1

Course Number: 1503350

Credit: 0.50

Weight: Standard 0.0

Term: Semester

Prerequisite: None

Course Description:

The purpose of this course is to enable students to acquire basic knowledge of team sports play, develop skills in specified team sports and improve health-related fitness.

Team Sports 2

Course Number: 1503360

Weight: Standard 0.0

Prerequisite: None

Credit: 0.50

Term: Semester

Course Description:

The purpose of this course is to enable students to develop knowledge of team sports play, develop skills in specified team sports and improve health-related fitness.

Weight Training 1

Course Number: 1501340/1501340F

Weight: Standard 0.0

Prerequisite: None

Credit: 0.50

Term: Semester

Course Description:

The purpose of this course is to enable students to acquire basic knowledge and skills in weight training, improve muscular strength and endurance and begin to enhance self-image.

Weight Training 2

Course Number: 1501350/1501350F

Weight: Standard 0.0

Prerequisite: None

Credit: 0.50

Term: Semester

Course Description:

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.

Weight Training 3

Course Number: 1501360/1501360F

Weight: Standard 0.0

Prerequisite: None

Credit: 0.50

Term: Semester

Course Description:

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

Science

Advanced Placement Physics 1

Course Number: 2003421

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Honors Physics is suggested, teacher recommendation, students should have completed Algebra 2, concurrent enrollment in pre-calculus.

Course Description:

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.

Advanced Placement Physics 2

Course Number: 2003422

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Teacher recommendation, students should have taken AP Physics 1. Students should have taken pre-calculus or an equivalent course.

Course Description:

This is equivalent to a second semester college course in algebra based physics. The course covers Fluid mechanics, Thermodynamics, electricity and magnetism, Circuitry, Optics, Quantum, Atomic, and Nuclear physics. Students are expected to take a final AP Exam.

Anatomy and Physiology Honors

Course Number: 2000360

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: Honors Biology, meet honors criteria

Course Description:

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

Biology 1

Course Number: 2000310

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Environmental Science

Course Description:

The course provides information and activities in the life sciences. 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 comprises 30% of their grade for the year.

Earth/Space Science

Course Number: 2001310

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Biology

Course Description:

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 Number: 2001340

Weight: Standard 0.0

Prerequisite: None

Credit: 1.00

Term: Yearlong

Course Description:

This course gives students the opportunity to explore living and non-living relationships in the environmental world. Students will learn about various types of renewable and non-renewable resources, and human impact on the environment. Students will have the opportunity to discuss the impact of human activity and will learn sustainability practices.

Florida's Pre-international Baccalaureate Biology

Course Number: 2000800

Weight: Honors 0.5

Prerequisite: Teacher recommendation and placement in the Pre-IB program.

Credit: 1.00

Term: Yearlong

Course Description:

Co-requisite: Minimum Geometry Honors. 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. 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 comprises 30% of their grade for the year.

Florida's Pre-international Baccalaureate Chemistry

Course Number: 2003800

Weight: Honors 4.5

Prerequisite: Pre-IB Biology

Credit: 1.00

Term: Yearlong

Course Description:

Co-requisite: Minimum Algebra 2 Honors. 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. 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 comprises 30% of their grade for the year. 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.

International Baccalaureate Astronomy 2

Course Number: 2001810

Weight: College Level 5.0

Prerequisite: Grade level 11 or 12 with satisfactory completion of two prior science courses

Credit: 1.00

Term: Yearlong

Course Description:

This course covers the birth, life and death of stars and our Sun, as well as the origin of the planets, life on Earth and the search for extraterrestrial life. Students will learn about galaxies and our Milky Way galaxy, the birth, life and death of the universe, large scale structures of the universe and the shape of space-time. The IB Science competencies will organize the course: What is science and what is the scientific endeavor (in astronomy)? How do we understand Astronomy? What is objectively known about Astronomy? What is the human face of Astronomy? Scientific literacy and the public understanding of Astronomy. Students will participate in an IB SL assessment for college credit at the completion of the course.

International Baccalaureate Biology 1

Course Number: 2000805

Weight: Honors 1.0

Prerequisite: PreInternational Baccalaureate Biology

Credit: 1.00

Term: Yearlong

Course Description:

This is the first year of IB Biology study on the principles and processes of Biology. Course topics include cells, molecular biology, genetics, ecology, evolution and biodiversity and human physiology.

International Baccalaureate Biology 3

Course Number: 2000820

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: International Baccalaureate Biology 2

Course Description:

This is a 3rd year biology course with an emphasis on organismal biology.

International Baccalaureate Environmental Systems and Societies 1

Course Number: 2001370

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Grade 10 or 11, with satisfactory completion of Biology

Course Description:

Students will be provided with a coherent perspective of the interrelationships between environmental systems and societies. Topics include Ecosystems, Biodiversity and Conservation, Water and Food Production Systems, Soil and Atmospheric Systems and Human Systems and Resource Use. This course continues in IB Environmental Systems and Societies 2.

International Baccalaureate Environmental Systems & Societies 2

Course Number: 2001375

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Teacher recommendation, placement in the IB program, PIB or Honors Biology, PIB or Honors Chemistry.

Course Description:

Students will be provided with a coherent perspective of the interrelationships between environmental systems and societies. Topics include Ecosystems, Biodiversity and Conservation, Water and Food Production Systems, Soil and Atmospheric Systems and Human Systems and Resource Use. Students will complete the IB SL Assessment at the conclusion of this course.

International Baccalaureate Physics 3

Course Number: 2003850

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Placement in the IB program and satisfactory completion of IB Physics 2 or AP Physics 2.

Course Description:

This course typically completes the Physics course sequence at RHS. The scientific method is studied with an emphasis on a practical approach through experimental work that characterizes the subject. Teachers provide students with opportunities to develop manipulative skills, design investigations, collect data, analyze results and evaluate and communicate their findings. Students complete this course with an IB HL Assessment to earn college credit. Students completing the sequence early may study additional physics through AP or Dual Enrollment courses in Senior year.

Marine Science 1

Course Number: 2002500

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: Biology

Course Description:

The purpose of this course is to provide an overview of the marine environment. Content includes marine systems, formation of the oceans and interrelationships between man and the ocean environment. This course may not be used as a graduation science course, but rather as elective science only.

Social Studies

Advanced Placement United States History

Course Number: 2100330

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Course Description:

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.

Advanced Placement World History: Modern

Course Number: 2109420

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Course Description:

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.

Economics with Financial Literacy

Course Number: 2102335

Credit: 0.50

Weight: Standard 0.0

Term: Semester

Prerequisite: None

Course Description:

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.

Florida's Pre-International Baccalaureate World History

Course Number: 2109810

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: None

Course Description:

The purpose of this Pre-IB course is to prepare students for the International Baccalaureate Diploma Program (DP). As such, this course will provide academic rigor and relevance through a comprehensive curriculum based on the Next Generation Sunshine State Standards and 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. Instructional design must provide students with values and opportunities that enable them to develop respect for others and an appreciation of similarities and differences. Learning how to learn and how to critically evaluate information is as important as the content of the disciplines themselves.

Holocaust Education Honors

Course Number: 2100405

Credit: 0.50

Weight: Honors 1.0

Term: Semester

Prerequisite:

Course Description:

Content will include, but is not limited to, understanding Jewish history, an investigation of human behavior in the lead up and duration of the Holocaust, the Nazi creation of ghettos for European Jews, experiences of Jews in hiding, deportations to concentration/death camps and the eventual liberation or liquidation of the camps. There will be an examination of historical and modern-day antisemitism in all its forms, and the understanding of the ramifications of antisemitism. This course will also emphasize the resilience of the Jewish people.

International Baccalaureate Contemporary History 2

Course Number: 2109805

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Satisfactory completion of IB History of the Americas or equivalent

Course Description:

This survey course of 20th century world history includes topics such as: causes, practices, and effects of war; the rise and rule of single-party states; East-West relations after 1945; Japanese, Italian, and German expansion leading to World War II; and the emergence and problems of new nations. This course will continue to stress political, economic, and social systems as well as require students to further develop their skills of interpretation and analysis through historiography. The course culminates in a series of external assessments that include document-based questions, short essay responses and research papers which provide the possibility of college credit. This is the second in a two course sequence for the IB history certificate and is required for the IB diploma.

International Baccalaureate History of the Americas

Course Number: 2100800

Credit: 1.00

Weight: Honors 1.0

Term: Yearlong

Prerequisite: Placement in IB Program

Course Description:

This is a survey course of U.S., Canadian, and Latin American history from early European contacts with American Indians and the people of the First Nation through the 20th century including analysis of the U.S. Civil War, industrialization, expansion, and the Latin American dictatorships. The course focuses on the American region's historical experience, and political, economic, and social systems. Students will demonstrate historical analysis by discussion, presentation, and written work including the IB History Internal Assessment. This is the first course in a required two year sequence of IB diploma level history culminating with a series of external examinations including a full examination on this regional study and may provide college-level credit at many colleges and universities

Personal Finance and Money Management

Course Number: 2102371

Credit: 0.50

Weight: Standard 0.0

Term: Semester

Prerequisite: None

Course Description:

Instructional time will emphasize seven areas: (1) exploring how personal financial decisions are made, including understanding how cognitive biases impact decision making; (2) understanding how wages and salaries are earned, including the types of taxes owed, and evaluating various post-secondary paths and career options; (3) developing personal or family budgets and exploring how to purchase goods and services by weighing the costs and benefits of those goods and services; (4) analyzing how interest can be earned by saving now, which allows for the purchase of more goods and services later and understanding how to compare various savings accounts and services offered through financial institutions; (5) determining advantages and disadvantages of credit accounts that allow for the borrowing of money to purchase goods and services while paying for them in the future, usually with interest, and short- and long-term loans; (6) developing understanding of planning for the future through investment accounts and retirement plans and comparing investment choices by analyzing rates of return and risk, while analyzing how diversification is one way to reduce investment risk; and (7) recognizing that there are risks that can result in lost income, health, or identity and that those risks can be accepted, reduced, or transferred to others through the purchase of insurance.

United States History

Course Number: 2100310

Credit: 1.00

Weight: Standard 0.0

Term: Yearlong

Prerequisite: None

Course Description:

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.

United States History Honors

Course Number: 2100320

Credit: 1.00

Weight: Honors 0.5

Term: Yearlong

Prerequisite: Meet Honors Criteria and Teacher Recommendation

Course Description:

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.

United States Government

Course Number: 2106310

Weight: Standard 0.0

Prerequisite: None

Credit: 0.50

Term: Semester

Course Description:

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.

World History

Course Number: 2109310

Weight: Standard 0.0

Prerequisite: None

Credit: 1.00

Term: Yearlong

Course Description:

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.