

PROGRAM OF STUDIES 2022-2023



**BELLOWS FREE ACADEMY
ST. ALBANS, VERMONT**



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At Bellows Free Academy all students learn respect, dependability, and productivity. With academic and social support, students learn to be effective problem solvers, active community members, and lifelong learners.

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TELEPHONE

Main Office
Principal's Office
Guidance Office
Support Services Office
Northwest Career & Technical Center
Adult Education

527-6555
527-6400 or 527-6404
527-6570 or 527-6571
527-6481
527-6517
527-0614

***Bellows Free Academy
71 South Main Street, St. Albans, VT 05478***

NON-DISCRIMINATION STATEMENT

Bellows Free Academy fully supports the philosophy and intent of Title VI, Section 504, Title IX and all federal regulations promulgated therein. Bellows Free Academy will not discriminate on the basis of race, color, religion, national origin, age, economic status or handicapping condition, nor shall any student be excluded from participation in any program because of such. Citizens desiring information relating to Title VI, Section 504, and/or Title IX, or who wish to file a complaint may do so by contacting the Principal at Bellows Free Academy, South Main Street, St. Albans, VT 05478. Telephone: 527-6400.

PHILOSOPHY OF STUDENT PROGRAMMING

Bellows Free Academy academic programming centers on the student as an individual with his/her own interests, needs, and goals. The goal of BFA is to provide meaningful opportunities and multiple pathways that challenge students to continuously grow in their learning – at BFA and in the future. The tailoring of such individualized programs necessitates close cooperation among students, teachers, parents, and school counselors. The following information is made available to students and parents to provide a clear understanding of the depth and the scope of curricular offerings at Bellows Free Academy and the school policies related to them. Please consider these pages carefully and apply the content to your specific situation.

ACADEMIC PROGRAM PLANNING

As a student begins the process of course selection, it is important to take into consideration how the courses that are selected will fit into the student's total high school program. Selections should be made based on the student's Personal Learning Plan. It is important for students to work closely with school counselors to develop and refine four-year academic plans throughout high school. School counselors are more than willing to help students and their parents make decisions concerning the direction of academic programs. (Courses with insufficient enrollment may not be offered during a semester.)

CLASS SCHEDULE

Bellows Free Academy's school year is divided into two semesters of approximately 88 days each. BFA's schedule has seven periods 3 days a week for 50 minutes. Two days a week students have each period once for 80 minutes. Students are in each class four days each week. Students may take a maximum of fourteen semester courses per year for a total of 7 credits. Credit is awarded at the end of each course, one-half credit per semester and one credit per year long course.

CLASS SECTIONS

Placement recommendations from the student's teachers at both BFA and sending schools will be respected along with parent and student requests. Parents who wish to request an alternate class should contact their student's school counselor.

PROGRAM MODIFICATION/ADDING OR DROPPING COURSES

All students are expected to make routine schedule changes prior to the opening of school in August. Freshman schedules are mailed out during summer recess along with a schedule and of times school counselors will be available over the summer to make schedule changes. Upperclassmen will make changes before the end of school in June.

1. Students have seven (7) class periods each semester.
2. Students may change or withdraw from a course within the first six (6) days of the semester with the approval of his/her school counselor and parent. After six (6) school days students are required to remain in a scheduled course.
3. In extenuating circumstances, the administration will consider each case individually.
4. Students must be enrolled in 5 classes to be considered a full-time student and eligible for athletics.

CLASS STANDING

All 9th Grade students will be promoted to Grade 10. For promotion to Grade 11 students must have attained 11 credits. For promotion to Grade 12, must have attained 17 credits. Completed PLP is required for promotion.

Graduation Requirements for the Classes of 2023, 2024, 2025 and 2026

Meeting graduation obligations is the shared responsibility of the student, parent, and the school counselor.

Course Credits 24 (17 required credits, 7 elective credits)	Grade Level	Course Options	Credits
English 4 Credits	Grade 9 Grade 10 Grade 11 Grade 12	Reading and Writing Workshop American Literature English Courses English Courses	1 1 1 1
Mathematics 3 Credits	Grade 9 Grade 10 Grade 11/12	Math Course Selection Math Course Selection Math Course Selection	1 1 1
Science 3 Credits	Grade 9 Grade 10 Grade 11/12	Earth Science or Biology Biology or Science Course Selection Science Course Selection	1 1 1
Social Studies 3 Credits	Grade 9 Grade 10/11 Grade 11/12	Global Studies The American Experience Social Studies Courses Selection	1 1 1
Business 1 credit	Grade 10-12 Grade 10	Personal Finance* Career Exploration	.5 .5
Physical Education 1.5 Credits	Grade 9-12	Physical Education (3 semesters) PE can include up to 1 credit of Dance**	1.5
Health Education .5 Credit	Grade 9/10	Comprehensive Health Education	.5
Arts 1 Credit	9-12	Visual Arts/Music/Drama/Dance**	1
Elective Courses 7 Credits	9-12	Design Technology, World Languages, Real Life, Work-based Learning, etc.	7
Other Graduation Requirements			
Embedded in all Courses: Vermont Transferable Skills	9-12	-Clear and Effective Communication -Responsible and Involved Citizenship -Self-Direction -Creative and Practical Problem Solving -Informed and Integrative Thinking	Basic Proficiency requirement
Personalized Learning Plan	9-12	Freshman PLP Sophomore PLP Junior PLP Senior PLP	Required for each year at BFA
Senior Community Service	12	10 hours of approved community service	

*In some circumstances Applied Math II may be used to satisfy the Personal Finance credit requirement.

Dance can be counted for up to 1 PE **OR Art credit.

PLANNING FOR LIFE AFTER HIGH SCHOOL

It is important that all Students plan their high school program with post-high school options in mind. The opportunities available to students at BFA will prepare students for a variety of post-high school choices. Technical schools, two-year and four-year colleges, the armed services, and varied careers require different types of skills and preparatory coursework. Because there is no exact or prescribed course of study a student should take to enter a particular career, school, or college, it is important for students to thoroughly research specific requirements.

SAMPLE MINIMUM RECOMMENDATIONS FOR 4-YEAR COLLEGES

Science	4 years
Mathematics	4 years
English	4 years
Social Studies	4 years
World Language	2-4 years depending on the level of selectivity of college.
	*Refer to college websites for level of selectivity.

24 total course credits required

SAMPLE MINIMUM RECOMMENDATIONS FOR TECHNICAL SCHOOLS

English	4 years
Social Studies	3 years
Mathematics	3 years
Science	4 years

24 total course credits required

SAMPLE MINIMUM RECOMMENDATIONS FOR THE WORLD OF WORK

English	4 years
Social Studies	3 years
Science	3 years
Mathematics	3 years

Business, Real Life Skills, Design Technology, Fine and Performing Arts classes can help students develop valuable skills. Students may also pursue in depth study at NCTC.

24 total course credits required

EXAMPLE 4-YEAR SCHEDULE

Graduation Requirement	College/University Ready
Grade 9 Period 1. Reading & Writing Workshop 2. Global Citizenship 3. Algebra I 4. Earth Science 5. PE/Arts 6. Elective 7. Elective	Grade 9 Period 1. Reading & Writing Workshop 2. Global Citizenship 3. Algebra I 4. Earth Science 5. PE/Arts 6. World Language 7. Elective
Grade 10 Period 1. American Literature 2. Geometry 3. Biology 4. Career Exploration/Arts 5. Health/PE 6. Elective 7. Elective	Grade 10 Period 1. American Literature 2. Geometry 3. Biology 4. Career Exploration/Arts 5. Health/PE 6. World Language 7. Elective
Grade 11 Period 1. English (1 credit) 2. The American Experience 3. Science (1 credit) 4. Math (1 credit) 5. Arts/Elective 6. Elective 7. Elective	Grade 11 Period 1. English (1 credit) 2. The American Experience 3. Chemistry 4. Algebra II 5. Arts/PE 6. Elective 7. Elective
Grade 12 Period 1. English (1 credit) 2. Personal Finance/PE 3. Social Studies (1 credit) 4. Elective 5. Elective 6. Elective 7. Elective	Grade 12 Period 1. English (1 credit) 2. Social Studies (1 credit) 3. Science (1 credit) 4. Math (1 credit) 5. Personal Finance/PE 6. Elective 7. Elective

Northwest Career and Technical Center (NCTC) programs are open to 9-12th grade students depending on availability in their schedules. NCTC classes are usually taken during elective periods.

ALTERNATIVE & ASSISTIVE PROGRAMS

These programs are open to approved students only.

SKILL BUILDING PROGRAM

This program is offered to provide students with support in a special content area, remediation in basic skills (i.e. reading, math, writing), and/or educational opportunities to develop pro-social life skills relevant to school, home, and community. This course will also provide the opportunity for students to learn and practice skills that will promote successful transition to the BFA St. Albans curriculum, and assists students in making a successful transition to the community after high school.

NOVUS

Novus is an alternative special education program within BFA. The program serves a limited number of students (15) with a specific focus on behavioral, academic, and social skills. All academic instruction is provided in small group settings. Individual case management is provided by professional staff that works in concert with school, family, and local agencies.

LEARNING CENTER

The Learning Center serves students with a wide range of disabilities who are eligible for special education services. Students are generally in regular education classes and receive a period of Academic Skills in the Learning Center. Students receive direct skill instruction, content support and transition planning as dictated by their Individual Education Program (IEP). Case Managers collaborate with families, students, school staff and outside agencies as necessary to support students and their programs.

COMMUNITY INTEGRATION PROGRAM

The Community Integration Program (CIP) supports students with intellectual disabilities. We offer alternative curriculum options that focus on individuals' goals, which promote independence and success both in high school and beyond. We have an extensive work experience component and collaborate closely with local mental health agencies and other outside service providers to assist in transitioning to adult services.

ALTERNATIVE PROGRAM

An individualized and flexible alternative pathway for general education students who are struggling with accessing their education due to chronic disengagement and/or current or ongoing behavioral, social, emotional and academic challenges. This program is located off site, however, students can continue to access classes at BFA if appropriate.



BUSINESS EDUCATION

The Business Education Department Curriculum prepares students for college and career readiness and is designed to give students the basic business concepts and knowledge to have the confidence to face the challenges of an ever-changing 21st century business world. Our courses address the needs of all students and provide them the flexibility to enter a two or four-year college program, the work force, and/or a specialized business training program. All the courses complement each other and develop and enhance the following 21st century skills: language arts and math skills, information technology, financial literacy, leadership, communication, collaboration, teamwork, problem-solving, entrepreneurship, and personal career development. According to the 2021 Princeton Review, Business Administration, Economics and Communications are the top five majors at the collegiate level today. (<http://www.princetonreview.com/college/top-tenmajors.aspx>)

- 1. Business Concepts**

Students can comprehend and demonstrate the basic concepts presented within the Business Curriculum.

- 2. Career and College Readiness**

Students can identify their career interests and what steps are necessary to further their education at the postsecondary level and/or the world of work.

- 3. Effective Communication Skills**

Students can present ideas coherently with a clear or creative sequence whether writing or speaking while demonstrating a command of the conventions of standard English spelling, grammar, and usage.

- 4. Financial Literacy**

Students can solve financial problems correctly and precisely with a logical progression of steps with a detailed explanation of those steps when applicable.

- 5. Soft Skills**

Students can demonstrate the necessary interpersonal skills to solve problems, communicate and collaborate effectively, and utilize leadership skills to take initiative and responsibility for their personal decisions and actions.

- 6. Technology Applications**

Students can use technology as a tool to solve problems and present material while practicing responsible digital citizenship.

All the business courses include the National Business Education Standards as well as the AOE Transferable Skills.

NBEA Standards: <https://www.nbea.org/newsite/curriculum/standards/index.html>AOE

AOE Transferable Skills: Self-Direction, Clear and Effective Communication, and Responsible and Involved Citizenship.

9 th Grade Options		10 th -12th Grade Options	
Business Management Sports and Entertainment Marketing		Accounting I (full year course) Accounting II Business Law I Business Management Career Exploration (10th Grade Graduation Requirement) Entrepreneurship Leadership Training Personal Finance (10th-12th Grade Graduation Requirement) Sports and Entertainment Marketing	
Grade	Number	Course	Prerequisite
10-12	10621	Personal Finance	Graduation Requirement
10-12	10623	Entrepreneurship	None
10-12	10631,10632	Accounting I (A, B)	Sophomore, Junior, Senior *May receive 1 math credit
11-12	10641,10642	Accounting II (A, B)	Accounting I
9-12	10643	Business Management	None
10-12	10644	Business Law I	None
10-12	10649	Leadership Training	Sophomore, Junior, Senior
10	10660	Career Exploration	10th grade- Graduation Requirement
9-12	10670	Sports & Entertainment Marketing	None

10621 Personal Finance

This course is a GRADUATION Requirement and can be taken anytime in 10th-12th grade.

Personal Finance equips students with essential financial literacy and technology skills that will help them be successful in other BFA courses, entry-level jobs, college, and their personal lives.

This course will help students learn how to live independently and to make informed decisions related to banking and financial services, managing checking accounts, savings and investment strategies, managing a budget, using credit wisely, protecting against risk, and gain knowledge regarding property, life and health insurances. Google Workspace tools (docs, spreadsheets, email, presentations, and file management) will be embedded within assignments to enhance students' technology skills. Instructional strategies will include class discussion, presentations, demonstrations, internet research, and guest speakers. Learning will be assessed through performance tasks, written reflection, projects, presentations, as well as formative and summative assessments. *Proficiencies: Business Concepts, Career and College Readiness, Effective Communication Skills, Financial Literacy, Soft Skills, and Technology Applications.*

10623 Entrepreneurship

This course will provide students with an introduction to the entrepreneurial mindset through

experiential learning activities. Students will explore what skills and knowledge it takes to become a successful entrepreneur. Creativity, critical thinking, innovation, and problem-solving skills will be developed as they turn their own dream business into a reality by building a business plan. During the process, students will learn about planning, organizing, implementing, and controlling. The course will also introduce marketing, managing, financial accounting and the legal setup of a business. Students will have the skills necessary to succeed as an entrepreneur or to work in the field of business. Instructional strategies will include class discussion, presentations, experiential learning opportunities, internet research, and guest speakers. Learning will be assessed through performance tasks, written reflection, projects, presentations, formative, and summative assessments. *Proficiencies: Business Concepts, Career and College Readiness, Effective Communication Skills, Financial Literacy, Soft Skills, and Technology Applications.*

10631, 10632 Accounting I

Accounting is referred to as the “language of business.” Accounting focuses on the importance of being able to understand, interpret, and use accounting information to make financial decisions. Students learn how to keep the financial records for small business activities and gain an understanding of the dynamic nature of the business environment in which accounting information is used. Simulations and computer applications, including Excel spreadsheets and an Automated Accounting Software are used to help the student apply and reinforce concepts learned. Students will discuss investments and buy and sell stocks by participating in a Stock Market Game. This course is helpful for the college bound and/or business-oriented student. Students will have the option of taking this course as a Dual Enrollment Course at CCV upon the completion of both semesters. Instructional Strategies will include class discussion, presentations, demonstrations, internet research, possible guest speakers, and an emphasis on hands-on learning by practicing accounting skills learned both by hand and using the automated accounting software. Learning will be assessed through performance tasks, projects, as well as formative and summative assessments. *Proficiencies: Business Concepts, Career and College Readiness, Effective Communication Skills, Financial Literacy, Soft Skills, and Technology Applications.*

10641, 10642 Accounting II

Accounting II provides students with an extended knowledge of the accounting principles discussed in Accounting I. Partnership accounting, corporate accounting, and payroll accounting are covered in detail. Excel spreadsheets are incorporated into the course, along with an Automated Accounting System. Investments will be discussed, and students will buy and sell stocks by participating in a Stock Market Game. Instructional strategies include hands-on learning by practicing accounting skills learned both by hand and using the automated accounting software. Learning will be assessed through observation, performance tasks, projects, and as formative and summative assessments. *Proficiencies: Business Concepts, Career and College Readiness, Effective Communication Skills, Financial Literacy, Soft Skills, and Technology Applications.*

10643 Business Management

This course is designed for students who want to learn the fundamental concepts of the business world and will help students lay the groundwork for managerial competence in the global marketplace. Some of the general goals of the course are: how business and communities depend on each other to prosper; discussion of the factors that make our economic system successful; and why our economic system is the envy of the world in terms of standards of living and the production of goods and services. Students will utilize this information to understand how a successful business is managed. Instructional strategies will include class discussion, presentations, demonstrations, internet research, and guest speakers. Learning will be assessed through performance tasks, written reflection, projects, presentations, as well as formative and summative assessments.

Proficiencies: Business Concepts, Career and College Readiness, Effective Communication Skills, Financial Literacy, Soft Skills, and Technology Applications.

10644 Business Law I

Business Law addresses statutes and regulations affecting businesses, families, and individuals in their related roles. Knowledge of business law is useful for all students because all students eventually assume roles as citizens, workers, and consumers in their communities and in society at large. Business students must include in their academic preparation a basic knowledge of the legal system and how business law impacts commerce in their own country and abroad (i.e., the impact of globalization). They must also understand state, territory, or province laws and/or how federal law must sometimes work in conjunction with international law. Instructional strategies will include class discussion, presentations, demonstrations, internet research, and guest speakers. Learning will be assessed through performance tasks, written reflection, projects, presentations, as well as formative and summative assessments. *Proficiencies: Business Concepts, Career and College Readiness, Effective Communication Skills, Financial Literacy, Soft Skills, and Technology Applications.*

10649 Leadership Training

This highly interactive, hands-on course is designed to prepare high school students for the real world. It will give the student the skills needed to reach their goals and live up to their full potential – at school, home, and work. It is based on the Dale Carnegie® Training model and students will have the opportunity to receive Dale Carnegie® Leadership Training Certification. Students will be taught how to present information, build relationships with others, and manage stress, participate in team-building exercises, gain confidence in their ability to interact with others, set goals, learn techniques to become a better student and to improve their attitude, build their communication skills and become better problem-solvers. Students will also be involved with the Win-Win Mentoring program where they will mentor local elementary students. Instructional strategies will include class discussion, experiential learning opportunities, presentations, and videos. Students will be assessed by observation, presentations, performance tasks, as well as formative and summative assessments. *Proficiencies: Business Concepts, Career and College Readiness, Effective Communication Skills, Soft Skills, and the Dale Carnegie® Leadership Training Standards.*

10660 Career Exploration

SOPHOMORE GRADUATION REQUIREMENT

Students will assess their personal interests, abilities, and values to develop self-awareness, set goals, and make decisions for their future. They will begin to develop a personalized learning plan that will prepare them for their career path. Students will explore current and projected career options utilizing web and community-based resources and explore post-secondary options. Students will prepare a personal budget and learn the fundamentals of managing savings and checking accounts, as well as information regarding credit and identity theft. Students will also conduct a job search, prepare a resume, and cover letter and acquire interviewing skills. Instructional strategies will include class discussion, presentations, demonstrations, simulations, internet research, and guest speakers. Learning will be assessed through performance tasks, written reflection, projects, presentations, as well as formative and summative assessments. *Proficiencies: Business Concepts, Career and College Readiness, Effective Communication Skills, Financial Literacy, Soft Skills, and Technology Applications.*

10670 Sports & Entertainment Marketing

This project-based course is designed to introduce the student to the world of Sports, Entertainment, and Recreation Marketing. Students will learn how to apply the marketing mix (product, place, price, promotion) to the sports, entertainment, and recreation industries. Students will manage their own football franchise and learn about sponsorships, endorsements, licensing, careers, advertising, and the media. Students will also gain a greater awareness of marketing campaigns and strategies used to sell products in each of these industries. Students will use a variety of technology as they collaborate to design logos, create TV and radio commercials and produce a variety of promotional materials. Instructional strategies include class discussion, presentations, internet research, simulations, demonstrations, videos, hands on learning, guest speakers, and possible field trips. Learning will be assessed through performance tasks, written reflection, projects, presentations, as well as formative and summative assessments. *Proficiencies: Business Concepts, Career and College Readiness, Effective Communication Skills, Financial Literacy, Soft Skills, and Technology Applications.*

DESIGN TECHNOLOGY

Design Your Future With Us

GRAPHIC DESIGN ~ ENGINEERING PRINCIPLES ~ DESIGN & BUILD

Hands on single period classes with a focus on Design Thinking where you will design and build all types of cool things! Classes are Project Based hands-on, fun, exciting, and engaging as you work independently or as a team to develop and build some of the project possibilities below.

Learn Design Thinking approach to model and prototype solutions to your design problems.

Project Possibilities

Bumper stickers, T-Shirts, hat, mug and vinyl sticker designs, LED lamps, rockets, robot design, Computer programming including routers, plasma cutting, laser engraving, and all types of wood working projects.

Department Proficiencies

1. The Nature of Technology

Technology Literacy

2. Technology and Society

The impact technology has on history

3. Design and Application

Attributes of design, engineering practices, research and development, invention and innovation

4. Abilities for a Technological World

Implementation of tools and machines to model, test, troubleshoot, observe, investigate, and analyze

5. The Designed World

Using resources to build creative solutions.

9 th Grade Options	All 9 th Grade Option Plus: 10 th , 11 th , 12 th Grade Options
Wood Design Graphic Arts Introduction to CAD Architectural CAD Principles of Engineering Principles of Engineering II Electricity & Electronics Wood Design & Fabrication STEAM	Advanced Architectural CAD Independent Study in all Classes Principles of Engineering III Graphic Arts Extreme Engineering Advanced Wood Design

Grade	Number	Credit	Course	Prerequisite
9-12	10700	.5	Principles of Engineering	None
9-12	10701	.5	Introduction to CAD	None
9-12	10710	1	STEAM	None
9-12	10703	.5	Wood Design	None
9-12	10704	.5	Communication: Graphic Arts	None
9-12	10705	.5	Electricity & Electronics	None
9-12	10720	.5	Principles of Engineering II	10700
9-12	10731	.5	Advanced Wood Design	10703
9-12	10732	.5	Advanced Wood Design II	10703
9-12	10745	.5	Architectural CAD Interior & Landscape Design	10701
10-12	10721	.5	Principles of Engineering III	10720
10-12	10733	.5	Advanced Wood Design III	10703
10-12	10746	.5	Advanced Architectural CAD Interior & Landscape Design	10745

10700 Principles of Engineering I

Do you like to design, build, and create cool things? These are distinguishing characteristics of engineers, and this STEM class is the first leg of the engineering pathway exploring Engineering and Design. You will explore STEM by thinking critically and creatively to work through numerous, exciting, hands-on, problem-based activities and projects, working independently or with a team. You will explore many aspects of Design Thinking, problem solving, creative design concepts, innovation, and invention. Once you develop a solid foundation in these areas you will use your

ideas and strategies to work in a self-paced learning environment. Learn to use high-tech equipment such as: 4 axis robots to manipulate program and transport materials, 3-D printers, Laser Engravers, CNC Routers and Plasma cutters and welding. The curriculum also includes Computer programming, 3-D Solid Design and Modeling and analysis, Introduction, Forces and Motion Simulations, Simple Machines, Pulleys and Gears, Belts and Pulleys, Cams and Linkages, Forces and Power, Construction/Destruction. You will design and build many cool things as you learn the principles behind them.

Proficiencies: The Nature of Technology, Technology and Society, Design and Application, Abilities of a Technological World, and The Designed World.

10701 Introduction to Computer Aided Design (CAD)

This course will provide students with opportunities to explore a variety of design programs that engineers use to design and problem solve. Students will be introduced to architectural and landscaping design using Chief Architect and SketchUp and ON-Shape. You can expect to design structures such as dream houses as well as camping and beach cabins. Additionally, this course will introduce students to mechanical design using SolidWorks. Students will learn to design and model in 3D to create various consumer products. Lastly, the class will explore computer aided machining using Mastercam. The class will design CNC toolpaths that can be used to make parts on a CNC machine. *Proficiencies: The Nature of Technology, Technology and Society, Design and Application, Abilities for a Technological World, and The Designed World.*

10703 Wood Design

This is a hands-on class where you will explore the fundamentals of design, symmetry, and balance through the fabrication of wood products. You will have an opportunity to build a variety of projects of your choice that fit into your lifestyle. You will explore the design process while becoming familiar with the essentials of woodworking, craftsmanship and problem solving. Choose a product to construct as you learn core concepts through the exploration of wood properties, materials processing, wood identification, joinery procedures, finish techniques and price to cost analysis when bringing products to market. Incorporate high end technologies such as laser engraving on a wide variety of raw materials to be included in the fabrication of your projects. *Proficiencies: The Nature of Technology, Technology and Society, Design and Application, Abilities for a Technological World, and The Designed World.*

10704 Communications Graphic Arts

Would you like to know how to use images to sell your product? Be a Master of Visual language and learn how to interpret an image's meanings. Explore graphic arts and how visual language affects everyone every day. Develop your own company's brand, logos, and promotional materials such as: t-shirts, bumper stickers, hats, mugs/glasses, memo pads, greeting card design, business cards and keychains. Become part of a team that will develop unique packaging ideas for a new product, as you will design and produce your original concepts from start to finish. Graphic Design explores the processes needed to develop original concepts using state of the art computer design/publishing programs to produce professional quality projects. Current digital computer programs include Adobe InDesign, Illustrator, and Photoshop. You will develop an understanding of the printing processes throughout history up to current day technologies like screen-printing and lasers for etching and cutting. *Proficiencies: The Nature of Technology, Technology and Society, Design and Application, Abilities for a Technological World, and The Designed World.*

10705 Electricity & Electronics

Open your eyes to the world of programming, circuit design, applications incorporating sensors and other technology to control your 21st century world! Fundamentals of Computer Programming and game design, wiring circuits and exploring how electricity is created will be examined through Problem Based Learning. Experience Green Energy technologies, effect of magnetism on electric motors, and develop testing strategies to analyze a variety of circuits. Series, parallel and complex circuits will be examined through Arduino controlled systems and sensors. *Proficiencies: The Nature of Technology, Technology and Society, Design and Application, Abilities for a Technological World, and The Designed World.*

10710 STEAM (Science, Technology, Engineering, Arts, Math)

This class is centered around flexible learning processes. You will be guided with support from faculty in all areas of STEAM as you focus on creativity and design thinking. While students produce a variety of projects incorporating many of the key areas of STEAM. You will have access to any lab in Design Technology or Art, for support while working on a variety of exciting projects that connect to your own individual learning path such as: laser technology to produce art or extend an artistic creation, creating art with LED wearables, inspiration nation, and a variety of really cool projects. These projects are essentially driven by your interests and creative problem-solving skills. You will be introduced to a variety of new tools & techniques in both Design Technology, and art all while creating meaningful projects that you have designed yourself. You will receive **.5 Elective and .5 Art credit for class for this 1 semester course.** *Proficiencies: The Nature of Technology, Technology and Society, Design and Application, Abilities for a Technological World, and The Designed World.*

10720 Principles of Engineering II

Expand your knowledge on the second leg of the engineering pathway. This STEM focused course offers you the opportunity to apply and incorporate a variety of approaches with a project driven curriculum which utilize challenges and competitions as you construct solutions to the outlined problems throughout the semester. Concepts are based around mechanical design, material uses and fabrication, computer programming and processes. Programming 4 axis robots to manipulate and transport materials, CNC equipment, plasma cutters, laser engravers and 3D Rapid prototyping machines will allow you to create your own 2D and 3D solid models! All projects will develop your ability to problem solve, analyze, and use logical reasoning while developing your designing and problem-solving strategies as you discover real world application. Activities include Operations in 3-D Solid Modeling and Design, Cutting CNC parts, build robots, Program integrated 4-axis robots, Product case design, Rapid prototyping and design part of your choice, CNC operations, Rube Goldberg machines, CAM routing, Cloud computing, alternative energies, and open-ended engineering projects. *Proficiencies: The Nature of Technology, Technology and Society, Design and Application, Abilities for a Technological World, and The Designed World.*

10721 Principles of Engineering III

You will apply your practical knowledge of STEM on the third leg of the Engineering pathway as you create more advanced models and parts. You will continue to be STEM focused as you apply and incorporate ideas from other academic courses. Educational topics include Problem Solving, Design and Modeling, Project Management, Rube Goldberg Machines, Failure Modes and Effect Analysis, and Advanced CAM tool path creation. Professionalism, quality workmanship, teamwork and collaboration and teamwork with community members will be emphasized. Class projects have included a quadcopter, Arduino controlled wind-powered Vehicles, and remotely controlled vehicles equipped with launching devices, remote control, hovercrafts, suspicious device removal vehicles.

Proficiencies: The Nature of Technology, Technology and Society, Design and Applications, Abilities for Technological World, and The Designed World.

10732 or 10733 Advanced Wood Design

This hands-on course will build on the fundamentals of design, symmetry, and balance through the fabrication of wood products. You will design and construct more complex products of your choice while expanding your understanding of core concepts in areas that will include wood properties and identification, joinery procedures, finish techniques, design layout, laser engraver/cutting operations, and business/cost analysis of products. The knowledge that you acquire through this course extends across many disciplines through the production of your projects. *Proficiencies: The Nature of Technology, Technology and Society, Design and Application, Abilities for a Technological World, and The Designed World.*

10745 Architectural CAD Interior & Landscape Design

Students build upon their skills developed in 10701 and learn how to create unique floor plans and explore and create interior colors and textures of their space utilizing Chief Architect and SketchUp. Students will develop the knowledge needed to create landscapes and hardscapes: stone walls, patios as part of the architectural design. This process develops and strengthens student's imagination to think technically and freelance other aspects of the project. *Proficiencies: The Nature of Technology, Technology and Society, Design and Application, Abilities for a Technological World, and The Designed World.*

10746 Advanced Architectural CAD Interior & Landscape Design

Students will build upon their skills developed in 10745 to explore more in-depth floor plans and interior/exterior design. Students will simulate the professional duties of an architect, interior, or landscape designer by producing a project for clients. *Proficiencies: The Nature of Technology, Technology and Society, Design and Application, Abilities for a Technological World, and The Designed World.*

ENGLISH

All English classes stress writing, reading, thinking, and discussion skills. A student will be placed in a course at a level appropriate for his/her ability. If there is any doubt at the time of selection, the student should consult the teacher of the course or their previous teachers. All freshmen are required to enroll in Reading and Writing Workshop, and all sophomores in American Literature and Composition.

English Department Proficiency Based Graduation Requirements

1. **Reading**

Comprehend, interpret, analyze, and evaluate a wide range and level of complex literary and informational texts.

2. **Writing**

Produce clear and coherent writing for a range of tasks, purposes, and audiences.

3. **Speaking and Listening**

Initiate and participate effectively in a range of discussions, responding thoughtfully to diverse perspectives and expressing ideas clearly and persuasively.

4. **Language**

Demonstrate command of the conventions of standard English grammar and usage when writing or speaking

ENGLISH COURSE SEQUENCE

Four credits of English are required for graduation.

9 th Grade Options	10 th Grade Options
REQUIRED: Reading & Writing Workshop OR Accelerated Reading & Writing Workshop	REQUIRED: American Literature & Composition OR Accelerated American Literature & Composition
11 th and 12 th Grade Year-Long Options	
AP Language and Composition (11 th Grade) AP Literature and Composition (12 th Grade)	
11/12th grade First Semester	11/12th grade Second Semester
20th & 21st Century Literature & Composition (10180) Lifetime English (10152) English 11-12 (10140) Philosophy Creative Writing	20th & 21st Century Literature & Composition (10181) Lifetime English (10153) English 11-12 (10141) Poetry Reading Studio

Sport Lit Journalism I Video Lit Epic Journeys		Journalism (Students may take Journalism multiple times.) Culture, Power, and Magic in Literature Introduction to Shakespeare and Film	
Grade	Number	Course	Prerequisite
9	10117Y	Reading & Writing Workshop	None
9	10118Y	Accelerated Reading & Writing Workshop	Grade 8 Teacher Recommendation, satisfactory completion of summer assignment
9-12	10169, 10170	English as a Second Language	Teacher Recommendation
10	10136Y	American Literature & Composition	Sophomore Standing
10	10137Y	Accelerated American Literature & Composition	Grade 9 English & Teacher Recommendation, satisfactory completion of summer assignment
11	10138Y	Advanced Placement Language & Composition	Sophomore year teacher's recommendation, satisfactory completion of summer assignment
11-12	10140, 10141	English 11-12	Teacher Recommendation & Junior Standing
11-12	10144	Epic Journeys	Junior Standing
11-12	10145	Culture, Power, and Magic in Literature	Junior Standing
11-12	10146	Introduction to Shakespeare and Film	Junior Standing
11-12	10148	Reading Studio	Junior Standing
11-12	10149	Video Literature: An Examination of Entertainment Media	Junior Standing
11-12	10150	Poetry	Junior Standing
11-12	10151	Philosophy	Junior Standing
11-12	10152, 10153	Lifetime English	Teacher Recommendation & Junior Standing
11-12	10154	Journalism	Junior Standing
11-12	10160	Sports Literature: Heroism, Victory, Disappointment	Junior Standing
11-12	10168	Creative Writing	Junior Standing
11-12	10180, 10181	20 th and 21 st Century Literature & Composition	Junior Standing
12	10195Y	Advanced Placement English Literature and Composition	Junior year teacher's recommendation, satisfactory completion of the summer assignment.

10117Y, 10118Y (AC) : Reading & Writing Workshop

Reading and Writing Workshop continues (from grades 7 and 8) with the fundamentals of literature and writing. Reading and Writing Workshop presents ideas and techniques upon which the other English courses are built and covers the following units: essay writing, grammar, speech, vocabulary, short stories, poetry, drama, and the novel.

Continuing emphasis is placed on the competencies of speaking, listening, writing, and reading as well as study skills. Student learning will be assessed through a variety of methods. Students are recommended for this course by their sending schools. **Students enrolling in 10118Y are required to complete a summer assignment.**

Proficiencies: Reading, Writing, Language, Speaking and Listening.

10136Y, 10137Y (AC) : American Literature and Composition

Students in this course study a chronological survey of American literature. Emphasis throughout is placed on helping students to continue to develop their reading and writing skills. The major areas of concentration are the literary genres of poetry, drama, short story, and novel; the expository essay; oral reports, and a review of grammar through the students' writing. Student learning will be assessed through a variety of methods.

Accelerated American Literature and Composition 10137Y is an accelerated and rigorous course. Therefore, adequate completion of an extensive summer reading and writing component is required to enroll in this course.

Proficiencies: Reading, Writing, Language, Speaking and Listening.

10138Y Advanced Placement Language and Composition

The course is designed to investigate the various forms of formal and informal discourse and how students can best use rhetorical models to improve their written communication. Both writing and reading tasks are focused on how various discourses work. Following the AP tradition, this class will be treated as a college seminar on American Literature. Students will be introduced to the realm of American Literature while developing and refining their reading, interpretive, writing, discussion, and analytical skills. Students entering AP English should be skilled in basic composition and proficient in their use of Standard English grammar and mechanics. Student learning will be assessed through a variety of methods. **Teacher recommendation and adequate completion of an extensive summer reading and writing component is required to enroll in this course.** *Proficiencies: Reading, Writing, Language, Speaking and Listening.*

10140, 10141 English 11-12

(This is not a college prep level class)

This semester long class is designed for juniors and seniors who struggle to meet grade level proficiencies in large classes. English 11-12 offers students some personal choice in reading fiction and nonfiction, a smaller size class and more opportunity to work in small groups and 1:1 with the teacher. Reading, thinking, writing, and speaking with detail and precision are emphasized. Student learning will be assessed through a variety of methods.

Proficiencies: Reading, Writing, Language, Speaking and Listening

10144 Epic Journeys

This elective course is dedicated to the study of literature primarily through the lens of epic heroes across modern and ancient cultures. Emphasis will be placed on helping students continue to develop their reading, writing, listening, and speaking skills through the close study of epic poetry, classical drama, and prose. Students will be introduced to the archetypal stages of the hero's journey and a variety of archetypes (heroes, villains, monsters). Students will be asked essential questions about the

criteria for ancient and modern heroes. The fundamental goals of this course include the nurturing of lifelong learners, critical thinkers, and creative problem solvers.

Proficiencies: Reading, Writing, Language, Speaking and Listening

10145 Culture, Power, and Magic in Literature

This course allows students to strengthen their literacy, speaking, listening, and analytic thinking skills. Students will explore the ways in which beliefs about race, power, and gender have shaped children's literature and vice versa. Using the guiding ideas of various theorists, students will examine childhood stories such as Virginia Hamilton, *The People Could Fly: American Black Folktales*; Maurice Sendak, *Where the Wild Things Are*; Margery Williams, *The Velveteen Rabbit*; Carlo Collodi, *Pinocchio*; James Barrie, *Peter Pan*. Students will study both whole class texts and choice readings, participate in small group discussions, and have the opportunity to write their own children's story, applying what they have learned.

Proficiencies: Reading, Writing, Language, Speaking and Listening

10146 Introduction to Shakespeare and Film

This course introduces students to the life and selected works of William Shakespeare and presents students with the opportunity to study and evaluate contemporary adaptations of Shakespeare's works in film. The course also dedicates time to performance tasks to develop students' oratorical skills. Students learn to navigate their way through complex texts and receive exposure to theater and the performing arts. Students are also required to evaluate contemporary contexts of Shakespeare's universal themes, timeless conflicts, and timeless truths about the human condition.

Proficiencies: Reading, Writing, Language, Speaking and Listening

10148 Reading Studio

This one semester elective course allows students to strengthen their literacy and art skills in a blended, co-taught learning experience. Using a workshop model and differentiated individualized goals, students engage in independent reading, participate in book groups, and build their English, art, and transferable skills. Students of all levels will learn new ways to access, explore and express ideas through literature and art. This course encourages students to use art to express themselves and make connections. Students who struggle with literacy or attention, students with artistic talent, students who love independent reading, students who are visual or kinesthetic learners will all benefit from this class. This course offers an alternative pathway for students to get their .5 credit for Art 1 and .5 English credit. Assessment for Art and English will be done by the teacher licensed in each area.

English Proficiencies: Reading, Writing, Language, Speaking and Listening.

Art Proficiencies: Create, Present, Communicate, Respond (Will meet the requirements for Art 1)

10149 Video Literature: An Examination of Entertainment Media

Video Literature is designed to apply literary analysis techniques to film and television. The course includes studies of primetime television/ digital (Netflix, Hulu, YouTube, etc.) productions and the history and evolution of entertainment media. Student learning will be assessed through a variety of methods. *Proficiencies: Reading, Writing, Language, Speaking and Listening.*

10150 Poetry

Poetry is designed for students who want to sharpen their aesthetics and analytical senses in relation to the genre of poetry. In addition to the study of the technical and structural aspects of poetry such as imagery, metaphor, symbol, allegory, irony, and meter, much emphasis is given to the appreciation of the vital, living qualities that are inherent in the poetic works. Student learning will be assessed through a variety of methods.

Proficiencies: Reading, Writing, Language, Speaking and Listening.

10151 Philosophy

This course approaches the study of philosophy in two ways. First, students are given an opportunity to participate in open class discussion with the kinds of questions that have given rise to philosophy through the ages – questions about the nature of good and evil, human rights, injustice, the principles underlying conduct, thought, knowledge, and the nature of the universe, to name a few. Second, the student studies a survey of philosophers from Plato to modern 20th century thinkers. They are given a chance to learn about and question the ideas of the greatest philosophical minds in history. Student learning will be assessed through a variety of methods.

Proficiencies: Reading, Writing, Language, Speaking and Listening.

10152, 10153 Lifetime English

(This is not a college prep level class)

Lifetime English provides an opportunity for seniors to further develop their literacy skills and strategies through independent reading and writing activities. Guided by their personal interests, students self-select books to read independently. Collectively, students will study short stories, non-fiction articles, essays, novels, and film as they explore a variety of real-life issues—working class struggles, war, incarceration, gender roles, parenting, and aging. Students will write in various forms—journals, personal and business correspondence, narratives, and reports. *Proficiencies: Reading, Writing, Language, Speaking and Listening.*

10154 Journalism

In Journalism the essentials of both writing and editing are taught as the student prepares for news writing, feature writing, editorial writing, sports writing, and book and film reviews. Students' work may be published in BFA's student paper, The Mercury. Student learning will be assessed through a variety of methods. Students may take this course twice. *Proficiencies: Reading, Writing, Language, Speaking and Listening.*

10160 Sports Literature: Heroism, Victory, Disappointment, Defeat

Because they build a sense of identity, community, solidarity, and pride, sports play a vital role in our lives. In this course, students will examine the pivotal role sports play in shaping identity on individual, societal, and global levels. Through a variety of media, students will explore how sports connect to universal topics such as: gender and race, equality and prejudice, honesty and dishonesty, perseverance and disappointment, and heroism and pride. Students will develop their independent, critical thinking skills through analysis of varied media and their treatment of sports and sports related topics. Students will also be expected to show a connection between their own sporting lives and the themes found in sports literature. Student learning will be assessed through a variety of methods.

Proficiencies: Reading, Writing, Language, Speaking and Listening

10168 Creative Writing

This course is designed for students who wish to expand their basic skills of writing into a more imaginative use of the language. The word “creative” tends to suggest that students must create. Not construct. Not narrate. Not simply tell the story they have in mind. The objective is that students use “imagination” and keen personal concern in writing. Emphasis is placed on the rewrite process. Student learning will be assessed through a variety of methods. *Proficiencies: Writing, Language, Speaking and Listening.*

10169, 10170 English as a Second Language

English as a Second Language is a class specifically for non-native speakers of English. The course provides instruction in the skills of speaking, listening, reading, and writing as well as learning about American culture and its idiomatic expressions. Also, assistance is given to these students who need help with their schoolwork from other content areas. Grade levels: 9-12.

Proficiencies: Reading, Writing, Speaking and Listening.

10180, 10181 20th and 21st Century Literature and Composition

20th and 21st Century Literature and Composition fulfills the needs of the college-bound student who needs to develop his/her reading and writing skills. This class will read from a survey of 20th and 21st century literature deriving from various cultures and points of view. College composition skills will be introduced. *Proficiencies: Reading, Writing, Language, Speaking and Listening.*

10195Y Advanced Placement English Literature and Composition

Advanced Placement English Literature strives to develop the AP student's abilities as an **independent** reader and writer by giving the student a college-level course during the senior year. Advanced Placement English Literature is both demanding and intellectually stimulating. It requires the student's best effort consistently and puts emphasis upon the student developing independence of thought and mature habits of critical thinking. **Classroom discussion and active participation are vital** and serve as a means of testing the student's ideas. Written assignments, both short and long-term, will be an important and frequent feature of the course. We will work with both canonical and modern fiction and poetry, concentrating on teaching the student to encounter new works and respond in their own informed voice. **Adequate completion of a summer reading and writing component is required to enroll in this course.** *Proficiencies: Reading, Writing, Language, Speaking and Listening.*

THE ARTS

The Fine and Performing Arts provides positive outlets for students, allows them an opportunity to foster both critical thinking and problem solving and has been proven to improve grades across the curriculum. The arts strengthen literacy, enhance self-esteem, develop essential skills for global competitiveness in the 21st century, and stretch the brain in new and necessary ways to create the innovation in students that the changing world demands.

The Arts Proficiencies:

1. Create

Students communicate powerfully through the arts, demonstrating fluency in essential skills, terminology and processes with an artistic problem-solving approach.

2. Perform/Present/Produce

Students communicate meaning and demonstrate skills through public exhibition and performance.

3. Connect

Students create connections between the arts, history, culture, politics, and other domains.

4. Respond

Through critique and analysis of the work of masters and others, students understand their own skills and unique place in fine arts traditions.

Course Options:	
Performance Arts: Acting for Everyone Art of Communication Improvisation for Theater and Life Theater Studies: Performing and Beyond Unified Theater Dance Choreography Hip-Hop Dance Visual Arts: Art I Art II Clay Drawing Painting Photography Printmaking	Musical Arts: Band I Band/Chorus I Advanced Guitar Beginning Guitar Chorus I Music Technology Music Theory Piano Lab String Ensemble STEAM Advanced Arts Classes: Art Studio (10th-12th) Band I/II/III (10th-12th) Band/Chorus I/II (10-12th) AP Studio Art (12th) Portfolio (12th)

Grade	Number	Credit	Course	Prerequisite
9-12	10839	.5	Photography	Art 1
9-12	10850	.5	Art 1	None
9-12	10851	.5	Art 2	Art 1
9-12	10852	.5	Sculpture	Art 1
9-12	10854	.5	Clay	Art 1
9-12	10856	.5	Painting	Art 1
9-12	10858	.5	Drawing	Art 1
10-12	10860	.5	Studio Art	Art 1
11-12	10862	.5	Studio Art 2	Art 1
12	10864, 10865	.5	Portfolio	Permission of instructor/ Art 1
12	10889Y	1	AP Studio Art	Permission of instructor/ Art 1
10-12	10855	.5	Printmaking	Art 1
9-12	10710	.5	STEAM	None
9	10845	.5	Acting for Everyone	None
9-12	10846	.5	Theater Studies: Performing and Beyond	None
9-12	10844	.5	Art of Communication	None
9-12	10871	.5	Improvisation for Theater and Life	None
9-12	13846	.5	Unified Theater	None
9-12	10876	.5	Dance	None
9-12	10891	.5	Choreography	None
9-12	10875	.5	Hip-Hop Dance	None
9	10879	.5	Band/Chorus I (A, B)	Previous instrumental instruction
9-12	10877	.5	Chorus I (A, B)	None

9-12	10878	.5	Band I (A, B)	Previous instrumental instruction
9-12	10883	.5	Music Technology	Successful completion of any music related course or permission of instructor.
9-12	10884	.5	String Ensemble (A, B)	Prior experience playing a string instrument
9-12	10885	.5	Band III (A, B)	Permission of instructor only
9-12	10887	.5	Beginning Guitar	None
9-12	10888	.5	Advanced Guitar	Completion of Guitar I or permission of instructor
9-12	10895	.5	Piano Lab	None
10-12	10880	.5	Chorus II (A, B)	Completion of at least two semesters of Chorus I or permission of instructor.
10-12	10881	.5	Band II (A, B)	Band I or permission of instructor
10-12	10882	.5	Band/Chorus II (A, B)	Band I/Chorus I
9-12	10899	.5	Music Theory	Previous background in music study

PREREQUISITES FOR ALL VISUAL ART COURSES:

Students need to become proficient in Art 1 before taking any other Visual Art course.

10839 Photography

Film is alive! This class will empower students with a lifelong skill set for creating compelling imagery with cameras. Students will learn how to photograph using SLR and pinhole film cameras. Additionally, through hands-on instruction, slide presentations and videos students will develop film, create test strips, and develop 8 x 10 photographs. Through connections made from master photographers such as Ansel Adams, students will learn composition rules and methods, then implement skills in their own creations. Students will be assessed through completion of photography projects, journal entries, self-reflection, and master photographer assignments. Prerequisite for photography completion of Art 1. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10850, 10851 Art 1 and 2

Learn how to use a variety of artist mediums and have a fuller appreciation for art. Through the elements of art, students will learn fundamentals and technique with a variety of art materials. Students will have the opportunity to use several paint and drawing mediums, print and create 3-

dimensional art work. This is a hands-on, project-based class, so all work will be done during class time. Learning will be assessed through project completion and class participation. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10852 Sculpture

Explore the world of creating 3-dimensional art! Students will learn how to create sculpture exploring how 3-dimensional art relates to space and its surrounding environment. We will learn how to design with a variety tactile material including: wire, plaster, paper, found objects, wood, foam, foam-core, and more! Students will learn through hands-on demonstrations, videos, slide presentations, and one-on-one critiques with the instructor. All students will be assessed through completion of multiple sculpture projects and written reflections. Prerequisite for sculpture completion of Art 1. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10854 Clay

Create your own Ceramics! Students will learn the three hand building techniques as well as a variety of glazing techniques and surface treatments. NO HOMEWORK: all work is created during class time. Learning will be assessed through project completion with emphasis on the process and class participation. Prerequisites: Successful completion of Art 1. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10858 Drawing

Good drawing skills are the root of all art. Students will develop hand eye coordination and refine the art elements through a variety of drawing mediums. Learning will be assessed through project completion the process, growth and peer to peer feedback. Prerequisites: Successful completion of Art 1. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10856 Painting

Painting is a great way to express yourself with color! In this class students will explore several painting mediums including but not limited to acrylic, watercolor, and oil. Assessments through critiques, self-assessment, process journals, and project completion. Prerequisites: Successful completion of Art 1. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10860, 10862 Studio Art 1 and 2

Mixed Media class is all about creating art using more than one medium at a time. Watercolor, ink, paint, collage, 2-D and 3-D artwork are part of the creative process in this class. Media variety and experimentation is encouraged students will be assessed on their process, ideas, project completion, teacher input and self-assessments. Prerequisites: Successful completion of Art 1. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10889Y Advanced Placement Studio Art

Students work all year on creating a portfolio to be submitted for the “AP test” which is a 20-piece portfolio submission during AP testing time. This portfolio is designated for work that focuses on the use of mark-making, line, space, light and shade, and composition. Students should consider marks that can be used to make drawings, the arrangement of marks, the materials and processes used to make marks, and relationships of marks and ideas. Students can work with any materials, processes, and ideas. Drawing (analog and digital), painting, printmaking, and mixed media work

are among the possibilities for submission. Still images from videos or films are accepted. Composite images may be assignments. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10864 Portfolio

Students will work on portfolio development for college applications. Specific assignments will be geared toward college entry and students will spend the semester working toward these requirements. Teacher/student critiques, journal entries and final projects will be assessed and used to develop a portfolio meeting individual needs. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10855 Printmaking

Learn how to print! Printmaking is the process of making artwork that has an element of originality rather than just being a photographic reproduction of a painting. Students will learn a variety of printing techniques, monoprint, image transfers, linoleum cuts, and collagraphs with alternative printing methods. Learning will be assessed through project completion, process, ideation, growth and peer-to-peer feedback. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10710 STEAM (Science, Technology, Engineering, Arts, Math)

This class is centered around flexible learning processes. You will be guided with support from faculty in all areas of STEAM as you focus on creativity and design thinking. While students produce a variety of projects incorporating many of the key areas of STEAM. You will have access to any lab in Design Technology or Art, for support while working on a variety of exciting projects that connect to your own individual learning path such as: laser technology to produce art or extend an artistic creation, creating art with LED wearables, inspiration nation, and a variety of really cool projects. These projects are essentially driven by your interests and creative problem-solving skills. You will be introduced to a variety of new tools & techniques in both Design Technology, and art all while creating meaningful projects that you have designed yourself. You will receive **.5 Elective and .5 Art credit for class for this 1 semester course.** *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10845 Acting for Everyone

Students will explore the craft of acting through practical exercises and activities. Using our bodies, voices and imaginations, we will build confidence and presence on stage while strengthening concentration, vocal and speech techniques and observation skills. We will explore various acting techniques and styles through monologue work, scene work and improvisation activities. Students will gain insight into historical and current acting practices and have an opportunity to find their voice in this expressive art. Building empathy, curiosity and self-awareness, this class is a good fit for anyone who likes to play, wants to learn to take risks and wishes to grow as a human being. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10844 The Art of Communication

Nothing is more important to your personal and professional success than the ability to communicate effectively. In this class students will gain presentation skills while developing greater fluency in relating and interpreting behavior. We will work specifically on body awareness, vocal ability, concentration, listening skills and perception. We will examine assumptions and the ways in which these lead to misunderstandings and misconceptions in both personal and academic situations. Students will gain greater fluency as speakers, listeners and collaborators. They will become more

adept at reading situations and body language and better understand how to utilize this knowledge in a variety of contexts.

10846 Theater Studies: Performing and Beyond

In this class students will be introduced to the world of theater. We will look at various roles that exist in production such as directing, the art of playwrighting, designing and set construction. We will explore a wide variety of material to introduce various genres of theater and styles of performance and look at ways in which theater is used socially, politically and a tool for personal growth. Students will explore and develop skills needed to perform. This course is suitable for those who either have some experience with the craft of acting, creative writing or those with a robust curiosity for the nature of human interaction. Students will have an opportunity to participate in The Vermont Young Playwrights festival with Vermont Stage Company and will take a trip to The Flynn to view a professional production. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10871 Improvisation for Theater and Life

Improvisation is about being in the moment, listening and responding authentically. This class is for anyone who enjoys playing and exploring expressively. Using theater activities along with a variety of techniques and tools students will gain greater confidence as speakers, presenters, and story tellers. We will use improvisation to explore other genres of theater such as Theater for Social Change, Sketch Comedy and Physical Theater. This work is naturally self-reflective. Learn about yourself while you play! *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

13846 Unified Theatre (This course is for CIP students.)

This course aims to bring students with learning differences together in an engaging and vibrant theatre class. All students will gain experience as performers while strengthening their vocal, physical and imaginative abilities. Students will be exposed to theater terminology and practice through practical activities and exercises. All involved will benefit from the diverse, collaborative, and creative environment. The course will culminate in a final production of a children's play for younger students at the sending schools. In this way, all of those involved will have an opportunity to be leaders and ambassadors for the arts.

10876 Dance

Have you ever wanted to explore a variety of different dance styles like African Dance or Contemporary? This course serves as an introduction to the fundamentals of dance and an exploration of different dance styles. Students learn dance vocabulary and technique in Ballet, Modern and Jazz, develop skills in composition and improvisation, and explore dance history and culture. Students will be assessed through daily practice, demonstration, collaboration, and performance using the fine arts proficiencies. Performances may include semester dance shows, presentations of student choreography; local school tours; pep rallies/assemblies, and community events. Dance students may earn up to 1 credit of PE or Arts by participating in Dance. (.5 credit each semester.) *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10891 Choreography

Build your skills in choreography and performance! Advanced dance students will learn and perform a variety of new choreography, create their own dance compositions, participate in field trips to live performances, and master classes, and perform and teach through community outreach. Advanced dance is primarily a performing ensemble. Performances will include semester dance shows, presentations of student choreography; local school tours; pep rallies/assemblies, and community events. Students will be assessed through daily practice, performance, collaboration, and

development of new works using the Fine Arts Proficiencies. Dance students may earn up to 1 credit of PE or Arts by participating in Dance. (.5 credit each semester.) *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10875 Hip Hop Dance

Do you know what it takes to make it on stage as a dancer with Beyonce or Justin Timberlake, or why “Breakdancing” can be a term of disrespect? In this dance class students will learn what falls under the umbrella term of “Hip Hop”. Students will explore elements of breakin’, popping and locking, social dance, and new school styles as we explore hip hop dance history and culture through daily practice, readings, films and discussion. Students will be assessed through daily observation, film and writing, collaboration and performance. This class is an all levels class and no previous experience is necessary. Come get in shape and have fun! Dance students may earn up to 1 credit of PE or Arts by participating in Dance. (.5 credit each semester.) *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10877 Chorus I

Join chorus and join a great team of musicians! Chorus I is an introduction to choral singing. It is designed for first year choral students but often has upperclassmen who also take the class. Special emphasis will be placed on the development of individual sight reading, aural skills, and vocal technique. Students will be given the opportunity to study and perform music of all styles and periods from Renaissance to Contemporary including sacred, folk, jazz, and popular music. Expanded opportunities to participate in music festivals, music trips, small ensembles, and special performances. Attendance at all performances is mandatory. Chorus I and Chorus II perform together in concerts. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10880 Chorus II

Chorus II is where talented upperclassmen collaborate! This class provides students with the opportunity to continue to develop choral singing, individual sight-reading, aural skills, and vocal technique. Students will study and perform from an advanced repertoire composed of a variety of styles, including sacred, folk, jazz, and popular from the Renaissance through the contemporary period. Chorus II students are encouraged to participate in music trips, small ensembles, and special performances. Attendance at all performances is mandatory. Chorus I and Chorus II perform together in concerts. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10879 Band I/Chorus I

Stay involved in music at BFA! Band I/Chorus I is designed to allow students, primarily Freshmen, to participate in both vocal and instrumental music on a weekly basis. All requirements of each class must be met for students who wish to do both. A Band/Chorus student will equally split time between the two performing ensembles. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10878 Band I

Become part of the long tradition of instrumental music at BFA! Band I is a performance-based ensemble that will study musical performance, music theory, and music history. There will be a heavy focus on scales, rudiments, and introductory music theory in this class. Students will be given specific exercises and assignments that will help them to become better performers and to understand more about how music is created. Attendance at all music department events is

mandatory (concerts, parades, etc.) All Band I students are encouraged to take this class for two semesters to automatically be considered for acceptance into Band II. Prerequisite: Previous Band experience in school and the ability to read music. All guitar and electric bass players must read notated music (not Tablature) and contact the instructor before signing up for Band I. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10881 Band II

Band II continues the study all the aspects of music studied in Band I at a more advanced level. The ensemble will be performance-based, and most learning will occur in a rehearsal setting. Students will be expected to master technical exercises, memorize scales and rudiments, and continue to achieve mastery in intermediate music theory. Attendance at all music department events is mandatory (concerts, parades, etc.) All Band II students are encouraged to take this class for both semesters to complete the year's curriculum and performance opportunities. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10882 Band II/Chorus II

Keep playing AND singing! Band II/Chorus II is designed to allow students to participate in both vocal and instrumental music on a weekly basis. The requirements of each class must be met for students who wish to do both. A Band/Chorus student will split time equally between the two performing ensembles. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10883 Music Technology

Let's use that device to make music! This course will focus on the technical aspects of music production, including but not limited to, digital recording, sample basic sequencing, and application of recording theory. Students will have access to the devices as well as the recording studio in the music department for both in school and out of school projects. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10885 Band III

Band III is the most advanced band at BFA. This group is comprised mostly of upperclassmen who have met the requirements for admittance to this ensemble. This group is specifically designed for the advanced instrumentalist at BFA. The class will consist of performing and studying many aspects of music including music theory, music history, and musical performance. Students will be expected to perform all scales and rudiments memorized at a mastery level. Attendance at all music department events is mandatory (concerts, parades, etc.) All Band III students are encouraged to take this class for two semesters in order to complete the year's curriculum and performance opportunities. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10887 Beginning Guitar

Learn to be proficient on the guitar in one semester. This class starts from the very beginning: from how to hold the instrument to methodically introducing note reading, chord reading, improvisation (soloing), finger style guitar and many other aspects of playing the guitar. Students will learn how to enjoy making music on the guitar both by themselves and with others. Guitar ensembles, duets and bands of various sorts will be put together with the students in this class. Students who are proficient on the guitar but do not have an understanding of the chords or notes they are playing will be well served by this class. Open to grades 9-12 – No prior musical experience is necessary. Limited to 15 students. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10888 Advanced Guitar

Take your guitar playing to the next level! This course is a continuation of the content learned in Beginning Guitar at BFA and/or for students who already have significant knowledge on the guitar.

Learning outcomes will include: Advanced music literacy - being able to read music at a higher level on the guitar, Ear training - continued work on aural music skills gained through guitar performance, continued work on advanced guitar skills including left and right hand technique, advanced chord knowledge, improvisation, and composition/song writing techniques. Prerequisite: Completion of Beginning Guitar with a minimum proficiency score of 3 or permission from Mr. Bushey.

Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.

10895 Piano Lab

Let's use technology to help learn the piano! This class gives a variety of methods in becoming proficient in both music and the piano. After an extensive introduction to keyboard orientation, additional units follow which contain graded reading materials and a variety of exercises necessary for pianistic development. Students' progress at their own pace; however, minimum requirements are set forth. Use of Apple-based digital audio workstations assist in musical development.

Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.

10899 Music Theory

Get inside the mind of great composers! Learn how music is written and become proficient at composition. This course is set up primarily for students who would like to delve more deeply into the study of music. Music theory and ear training are integral parts of this course. A textbook and workbook are used in this course as well as recordings and other class materials. An ability to read music and, ideally, heavy previous involvement in school music ensembles will ensure a student's success in this class. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*

10884 String Ensemble

String Ensemble is offered to students with previous experience on a traditional orchestral string instrument. Continued emphasis is given to the development of musicianship skills, aural and technical facility, through a large repertoire of string orchestra literature and technical studies. Student involvement in concert and performance activities will be part of the grading process for this course. Participation in all concerts is required. *Proficiencies: Create, Perform/Present/Produce, Connect, and Respond.*



HEALTH & FOODS

Philosophy: To provide students with skills and knowledge to lead and maintain a healthy, active lifestyle, understanding that personal wellness and lifelong learning enhances quality of life.

1. Core Concepts

Comprehend concepts related to health promotion and disease prevention to enhance health.

2. Analyze Influences

Analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors.

3. Access Information

Demonstrate the ability to access valid information and products and services to enhance health.

4. Interpersonal Communication and Advocacy

Demonstrate the ability to use interpersonal communication skills; to advocate for personal, family and community health to enhance health and avoid or reduce health risks.

5. Decision-Making Goal Setting

Demonstrate the ability to use decision-making skills to enhance health.

6. Goal Setting

Demonstrate the ability to use goal setting skills to enhance health.

7. Self-Management

Demonstrate the ability to practice health enhancing behaviors and avoid or reduce health risks.

9th Grade Options

Comprehensive Health Education (Required in either 9th or 10th grade)

Food & Nutrition

Taste of America

Exploring International Cuisine

Grade	Number	Credit	Course	Prerequisite
9-12	10801	.5	Food and Nutrition	None
9-12	10802	.5	Taste of America	None
9-12	10814	.5	Exploring International Cuisine	Food for Health 10809 or 10810
9-10	10825	.5	Comprehensive Health Education	None

10825 Comprehensive Health (9/10th graders)

Comprehensive Health Education is a required course that is taken during the freshman year and sets the tone for a healthy future. It is designed to empower all students with the knowledge, understanding and skills to make informed, health-enhancing decisions. Students will have the opportunity to practice skill proficiencies while developing an understanding of health information related to personal wellness, nutrition and fitness, emotional health, drug prevention and sexuality education. *Proficiencies: analyzing influences, accessing valid information and products, interpersonal communication and advocacy, decision-making and goal setting, and self-management.*

10801 Food and Nutrition (All grades)

In this course students will learn the basics of Nutrition. We will investigate the essential nutrients that food provides us to create and maintain healthy eating habits. We will identify ways to increase the nutritional value of our favorite foods while applying portion size to allow us to eat the treats we love. Students will also learn about; food additives, food issues and controversies, and how they have contributed to the purchase of food. Applying hands-on experience, we will create delicious nutritional dishes that support nutrition research. Students will develop safe cooking skills to create healthy eating habits that can be applied to individuals and family's wellness across the lifespan. *Proficiencies: **Food Safety:** Apply risk management procedures to food safety, food testing, and sanitation. **Nutrition and Wellness:** Evaluate nutrition principles, food plans, preparation techniques and specialized dietary plans. **Food Preparation:** Demonstrate the use of current technology in food product development and marketing. (equipment, food preparation, cooking, cleaning and storage)*

10802 Taste of America (All grades)

Here is a mouthwatering journey across the United States where students will discover and learn how to make fabulous food from every part of the country. Students will feed their brains with fascinating tidbits about food across America and their origins, while creating delicious dishes representing local and multicultural influences of the different regions of America. A great variety of food preparation techniques will blend with a great variety of exciting menu options. *Proficiencies: **Food Safety:** Apply risk management procedures to food safety, food testing, and sanitation. **Nutrition and Wellness:** Evaluate nutrition principles, food plans, preparation techniques and specialized dietary plans. **Food Preparation:** Demonstrate the use of current technology in food product development and marketing. (equipment, food preparation, cooking, cleaning and storage)*

10814 Exploring International Cuisine (All grades)

This is an advanced foods class for students who wish to learn about food and its relationship to our multicultural world. We'll study the cultural, historical, social, and environmental influences that have shaped what we cook and eat around the world. Students will also have the opportunity to continue to develop their hands-on kitchen skills in this laboratory course through the creation of the native cuisine that is researched in class. *Proficiencies: **Nutrition and Wellness:** Evaluate nutrition principles, food plans, preparation techniques and specialized dietary plans. Analyze psychological, cultural, and social influences that impact nutrition and wellness practices, **Food Safety:** Apply risk management procedures to food safety, food testing, and sanitation **Food Preparation:** Demonstrate the use of current technology in food product development and marketing. (equipment, food preparation, cooking, cleaning and storage)*

MATHEMATICS

The Mathematics Department has developed a curriculum that is designed to meet the needs of every student at BFA. We offer courses so that each student can take courses that are appropriate for his or her mathematical development. The courses are carefully sequenced to provide reinforcement of previously learned concepts and sequential development of new material. Each course has prerequisites that are designed to ensure that every student will have a high probability of success.

Content Standards by Course (Algebra, Geometry, etc.)

Common Core State Standards for math are taught and assessed in each math course.

*Three math credits are required for graduation. Electives may be taken in addition to these courses.

AC=Accelerated

9 th Grade Options	10 th Grade Options
Math Seminar Algebra I AC Algebra I Geometry AC Geometry	Algebra I Geometry AC Geometry Algebra II AC Algebra II
11 th Grade Options	All 11 th Grade Options Plus: 12 th Grade Options
Geometry Algebra II AC Algebra II Applied Math I & II Statistics Pre-Calculus	AP Calculus AP Statistics

Grade	Number	Credit	Course	Prerequisite
9	10310	.5	Math Seminar	8 th grade or 9 th grade teacher recommendation
9-10	10316Y	1	Algebra I	Teacher recommendation
9	10318Y	1	Accelerated Algebra I	Successful completion of 8th grade math and teacher recommendation
9-12	10326Y	1	Geometry	Successful completion of Algebra I and teacher recommendation
10-11	10327Y	1	Geometry in Construction	Successful completion of Algebra I and teacher recommendation (Sophomores or Juniors only)

9-12	10328Y	1	Accelerated Geometry	Successful completion of Algebra I 10316/10318 and teacher recommendation
10-12	10336Y	1	Algebra II	Successful completion of Geometry 10326/10328 and teacher recommendation Note: Students taking Geometry and Algebra II concurrently need a teacher recommendation.
10-12	10338Y	1	Accelerated Algebra II	Successful completion of Accelerated Algebra I 10318/Accelerated Geometry 10328 and teacher recommendation Note: Students taking Geometry and Algebra II concurrently need a teacher recommendation.
11-12	10340, 10341	1	Applied Mathematics I & II	Successful completion of Algebra I and/or teacher recommendation
11-12	10344	.5	Statistics	Successful completion of Algebra II and/or teacher recommendation
11-12	10345Y	1	Pre-Calculus	Successful completion of Algebra II 10336/10338 and teacher recommendation
11-12	10348Y	1	AP Statistics	Successful completion of Accelerated Algebra II 10338, Pre-Calculus, or permission of instructor
12	10358Y	1	AP Calculus	Successful completion of Pre-Calculus or permission of instructor

10310 Math Seminar

Math Seminar: It's all about you! Math Seminar was developed by the BFA Math Department to meet the needs of our students who struggle in math, not because of a lack of effort, but because they have gaps in their math education. This course will be completely personalized for each student and all instruction will be on an individual basis. Learning will be assessed through the progress each student makes toward meeting their identified standards. *Proficiencies: varies based on student need*

10316Y, (AC)10318Y : Algebra I

Learn the basis for advanced mathematics. Students will learn the language and structure of Algebra I. They will discover how to solve various types of equations arithmetically and graphically, while discovering some real-world applications. Students will experience the world of algebra through class discussions, technology, demonstrations, and online tutorials. Learning will be assessed through performance tasks, traditional assessments, and technological activities. *Proficiencies: Relationship Between Quantities; Solving Equations and Inequalities; Solving Systems of Equations and Inequalities; Polynomials, Functions and Operations; Graphing Quadratic Functions*

10326Y, (AC)10328Y: Geometry

Geometry: Where real-life, mathematics, and art collide! Students will learn the basics of constructions, transformations, congruence, circles, area, volume, right triangle trigonometry, similarity, and the connections with real-life and the art world. Students will experience geometry through hands-on investigations, class discussion, computer software investigations, demonstration, and online tutorials. Learning will be assessed through projects, performance tasks, traditional assessments, and computer activities. (Additionally, the learning of Accelerated Geometry students

is also assessed through Independent Study and Exploration Tasks.) *Proficiencies: Congruence-Transformations/Constructions, Congruence-Theorems, Similarity, Right Triangles/Trig, Circles, Area/Volume*

10327Y Geometry in Construction

This team taught (Geometry / Building Trades) course will integrate BFA's Geometry curriculum with NCTC's Building Trades curriculum. The course will provide a direct application of Geometry concepts in the construction field. It is our goal to have students make connections between both curriculums. The course is recommended for students interested in pre-engineering, architecture, construction management, interior design, landscape architecture, construction trades, and surveying. Potential students need minimal or no previous construction experience. Students will be exposed to practical skills in building and carpentry trades by constructing a wooden structure to be used by the public or for private customers. Possible projects for this service-based learning opportunity includes sheds, small homes, and smaller scale structures. Use coordinate geometry in the study of area, perimeter, volume, transformations, congruence, Pythagorean theorem, similar figures, trigonometry, quadrilateral properties, circle properties, logic, and functions. Students will also complete The National Center for Construction Education and Research (NCCER) Core Curriculum to receive an industry recognized credential. Students will also receive their OSHA10 certification. *Proficiencies: Congruence-Transformations/Constructions, Congruence-Theorems, Similarity, Right Triangles/Trig, Circles, Area/Volume*

10336Y, (AC)10338Y: Algebra II

Prepare for Pre-Calculus and College Algebra! Students will learn about Polynomial Functions (including linear and quadratic functions), Rational and Radical Functions, Trigonometry, Statistics and Modeling Functions (including Systems of Equations, Exponential and Logarithmic Functions). Students will use their knowledge of these topics to solve and graph equations as well as to solve relevant problems. Learning will be assessed through quizzes, tests, and performance tasks. *Proficiencies: Linear Functions, Quadratic Functions, Polynomials Functions, Rational and Radical Functions, Trigonometry, Statistics, and Modeling with Functions.*

10340, 10341 Applied Mathematics I & II

Learn how math affects daily life. This course presents students with concrete and useful applications of many mathematics and problem-solving skills. Included are the mathematics of everyday living, like checking accounts, income taxes, health mathematics, and budgeting. Other topics support our students' becoming active and conscientious citizens; these topics include vote counting methods and newspaper mathematics. Students will be assessed through individual and group projects, traditional assessments, and class discussions. *10340 Proficiencies: Numeracy and Unit Pricing, Banking Terms & Calculations, Employment Terms and Calculation, Interest Calculations and Loans, Car Insurance Terms and Calculations. 10341 Proficiencies: Car Loan Terms and Calculations, Car Insurance Standards and Options, Credit Terms and Benefits, Credit Card Types and Statements, Personal Budget Modeling*

10344 Statistics

Learn how to understand and develop statistics that we are confronted with every day. This semester long course for college bound students will explore basic concepts of probability, graphs, numerical methods, normal distribution, linear models, and correlation, designing an experiment, hypothesis testing, and statistical fallacies. Students will be assessed through class discussions, traditional assessments, individual and group work done throughout the semester, as well as a final project to be presented at the end of the course. *Proficiencies: Summarizing, representing, and interpreting one variable data, summarizing representing and interpreting two variable data, interpreting linear*

models, evaluating random processes, drawing conclusions from statistical experiments, and probability.

10345Y Pre-Calculus

Have you finished Algebra II and are ready for more mathematics? This course is designed for those students who are planning to take calculus or other advanced math courses. Through technology, traditional, and hands-on methods, students are actively engaged in problem solving, reasoning, connecting, and communicating mathematically. Students will be assessed through various forms of evaluations. Students will have the option of taking this course as a Dual Enrollment Course with CCV. *Proficiencies: Linear Relations and Functions, Nature of Graphs, Polynomial Functions, Trigonometry, Exponents and Logs, Statistics, and Calculus.*

10348Y AP Statistics

Understanding the world, you live in through Statistics, will serve you well in most college majors, as well as your post college career. This course will cover and integrate the four major topics in statistics: Exploring Data, Planning a Study, Probability, and Statistical Inference. Graphic calculators are integral to this course. Students who wish to take the AP Examination in Statistics should plan to take this course as a preparation for the examination. Students will be assessed using materials similar to the College Board exam and practice materials *Proficiencies: Exploring and Understanding One-Variable Data, Exploring Two-Variable Data and Their Relationships, Gathering Data, Probability and Randomness, Sampling Distributions and Proportions, Inferences about Means, More on Inference, AP Exam Review and Preparation, Statistics After the AP Exam.*

10358Y AP Calculus

Do you have a passion for higher-level mathematics? Want the opportunity to earn college credits while still in high school? Then this is the class for you! Students in AP Calculus will learn to analyze limits, derivatives, and integrals of functions graphically, analytically, and tabularly. Students will explore these concepts individually and collaboratively in preparation for the Advanced Placement Calculus AB Examination. Students will also learn how to use the TI Graphing Calculator as a learning tool. Students will be assessed on their ability to apply their calculus knowledge to solve problems, and to clearly communicate and justify their solutions. Assessments will include assignments, quizzes, tests, AP practice questions, and a final project. *Proficiencies: Introduction to Calculus, Limits & Continuity, Derivatives, Integration, Differential Equations, Area and Volume, AP Exam Preparation and Review, Multivariable Calculus.*

PHYSICAL EDUCATION

Philosophy: To provide students with skills and knowledge to lead and maintain a healthy, active lifestyle.

PE Proficiencies:

1. Motor Skills & Movement Patterns

Uses self/peer/teacher feedback to implement focused participation.

2. Movement Concepts

Applies strategies and tactics related to movement concepts to enhance skill performance.

3. Physical Fitness

Uses personal fitness goals, focused participation, stress management tools, and/or technology to improve/maintain a healthy and active lifestyle.

4. Social Interactions

Demonstrates positive teamwork, respect, and communication towards self/peer(s)/teacher(s).

9th-12th Grade: Three Semesters Required for Graduation = 1.5 credits
We recommend that students complete at least two out of the three PE semesters during the 9th and 10th grade year.

Grade	Number	Credit	Course	Prerequisite
9 - 12	10901	.5	Physical Education	None

10901 Physical Education

Physical education is offered both semesters for students to meet their graduation requirement and consists of many activities to choose from including team sports, personal fitness, broomball, and archery. Activities are organized to promote either motor skill development used in increasingly complex games or knowledge of movement concepts and principles used to analyze and improve physical fitness and participation. Respect that allows both competitive and non-competitive students to cooperatively compete/participate in the game/activity together is assessed throughout. All freshmen are required to take one semester of Physical Education *Proficiencies: Knowledge of motor skills (movement patterns, principles & strategies), physical fitness, and affective qualities and social interactions.*

SCIENCE

The Science Department has designed its classes to provide students with the opportunity to develop their ability to think like a scientist and addresses content standards by course (Earth Science, Biology, etc.) Next Generation Science Standards are taught and assessed in each science course.

We offer courses to meet a variety of interests as well as provide an appropriate challenge. Students are required to earn three credits in science for graduation. Incoming 9th graders will be enrolled in Earth Science as part of their 9th grade team experience. It is recommended that all students earn the required one credit in Earth Science and one credit in Biology prior to taking other credits in science. Students may meet the third credit requirement in a variety of ways. Those interested are encouraged to earn additional science credits.



9 th Grade Options	10 th Grade Options
Earth Science Biology	Biology Chemistry
11 th and 12 th Grade Options	
Anatomy & Physiology Chemistry Physical Science Environmental Studies and Outdoor Leadership Environmental Science Physics AP Chemistry AP Biology AP Physics (12th grade only) AP Environmental Science	

Grade	Number	Credit	Course	Prerequisite
9	10417Y	1	Earth Science	9 th Grade standing
9-10	10426Y	1	Biology	Successful completion or concurrent enrollment in Earth Science
10-11	10436Y	1	Chemistry	Successful completion or concurrent enrollment in Biology. Concurrent enrollment in Algebra II - 10336 or 10338
11-12	10441Y	1	Anatomy & Physiology	Successful completion of Chemistry or permission of instructor
11-12	10446Y	1	Physics	Successful completion of Algebra II and Chemistry or concurrent enrollment with permission of instructor
11-12	10454Y	1	Physical Science	Successful completion of Earth Science, Biology and Junior/Senior standing
11-12	10452Y	1 Science 1 P.E.	Environmental Studies and Outdoor Leadership	Successful completion of Earth Science and Biology and Junior/Senior standing
11-12	10462Y	1	Environmental Science	Successful completion of Earth Science and Biology and Junior/Senior standing
11-12	10466Y	1	Ecology	Successful completion of or concurrent enrollment in Chemistry
11-12	10458Y	1	AP Environmental Science	Successful completion of Earth Science, Biology and Chemistry (concurrent enrollment in Chemistry with permission of instructor)
11-12	10468Y	2	AP Chemistry	Successful completion of Chemistry and Algebra 10336/10338 or permission of instructor
11-12	10478Y	2	AP Biology	Successful completion of Biology and Chemistry or permission of instructor
11-12	10488Y	1	AP Physics	Successful completion of Physics and concurrent enrollment in Calculus

10417Y Earth Science

The Earth is constantly changing! In this class, students will develop and refine their scientific thinking skills (questioning, experimenting, analyzing, explaining and evaluating), while exploring topics within Earth's changing systems, including: Geology, Climate Change and Space. Students will develop these skills through hands-on investigations, projects, reflections, discussions, quizzes and constructed responses. Students will be provided opportunities for practice, feedback from

teachers and peers, and revisions to their assignments. Student choice and differentiation accompany most areas of study. *Proficiencies: Astronomy, Geology, Climate and Natural Resources, Scientific Inquiry.*

10426Y Biology

Have you ever wondered how your body works, how your parent's traits were passed to you, or how you impact both the living and non-living world? Biology is the branch of science dealing with the study of life. It describes the characteristics, classification, and behaviors of organisms, how species come into existence, and the interactions they have with each other and with the environment. Students will explore these topics using a variety of methods including labs, dissections, discussions, and projects. *Proficiencies: From Molecules to Organisms: Structures and Processes; Ecosystems: Interactions, Energy and Dynamics; Heredity: Inheritance and Variation of Traits; Biological Evolution: Unity and Diversity.*

10454Y Physical Science

Want to know how you can shock someone, or how firecrackers work? Physical Science is the study of both chemistry and physics focusing on conceptual understanding of mechanics, energy, electricity, and the building blocks of matter. These topics will be explored through labs, demonstrations, readings, and discussions. The standards will be assessed using a variety of methods including tests, lab reports, and projects. The course is designed for students considering non-science related post-secondary education. *Proficiencies: Forces, Conservation Laws, Electricity and Magnetism, Matter, Bonding and Reactions.*

10436Y Chemistry

Learn about why substances react the way they do. Chemistry is the study of atoms and molecules with a focus on how their structure and motion affects chemical reactions and physical changes. Students will investigate these concepts through demonstrations, laboratory work, discussion, and problem solving. The standards will be assessed using a variety of methods. *Proficiencies: Matter, Chemical Reactions, Energy, and Bonding.*

10446Y Physics

Have you ever asked yourself why a satellite moves around the Earth instead of flying off into space or where is the safest place to be during a lightning storm? Physics is the study of the predictable way in which objects move and will help you to answer these questions. Students will investigate mechanics, energy, waves, and electricity and magnetism. These essential concepts of physics will be investigated through demonstrations, laboratory work, discussion, and problem set. The standards will be assessed using a variety of methods. *Proficiencies: Motion, Forces, Conservation Laws, Electricity and Magnetism, and Inquiry.*

10441Y Anatomy & Physiology

Have you ever wondered how your body works? Anatomy and physiology is the study of the structure and function of the human body. Students will look at structures and systems in the human body, their relationship to one another, and how they function. Students will explore and be assessed on their understanding of the human body through a variety of methods including labs, dissections, projects, and presentations. *Proficiencies: Human Body Organization; Supporting Systems; Senses & Responses; Major Processing Systems; Digestion & Excretion; Reproduction & Growth.*

10452Y Environmental Studies and Outdoor Leadership Course (Double period, 1 Science credit, 1 PE credit)

Is the idea of engaging in the process of “hands-on and minds-on learning” appealing? Do you like being outdoors and seeking out new challenges, adventure, solving problems, and learning about the natural world? This course offers a curriculum that will engage students directly in the interdisciplinary study of topics and activities related to natural history, geology, biological processes, and geography as well as service-learning projects in the local community, and the active learning and practice of a wide variety of outdoor adventure skills. These will include hiking, canoeing, outdoor survival skills, rock climbing, snowshoeing, mountain biking, wilderness first aid, map and compass, fishing, trail building, and ropes course challenges. This course will combine many diverse and rigorous academic learning opportunities, with a variety of social / emotional challenges and opportunities for growth. *Proficiencies: Aquatic Ecology and Forest Ecology, Natural Communities, and Conservation and Stewardship.*

10462Y Environmental Science

If you like getting outside and working in the field, then this class is for you! Students will be outside collecting samples for analysis to study the interaction of the biotic and abiotic environment. Students will investigate current issues with Lake Champlain/St. Albans Bay, and study global issues connected with human impacts through fieldwork and lab investigations, research projects and engineering projects. Students will be provided opportunities for practice, feedback from teachers and peers, and revisions to their assignments. *Proficiencies: Scientific Inquiry, Natural Resource Management, Human Impacts and Ecosystems.*

10458Y AP Environmental Science

Concerned about the environment? Want to earn college credit? Come explore AP Environmental Science in a fun, yet rigorous manner. Students will investigate interrelationships of human impacts upon the natural world and analyze potential ways to positively influence those impacts. AP Environmental Science include hand-on field work and in-depth analysis of data from experiments, projects, reflections, etc. to draw logical conclusions. Topics range from ecology to population dynamics to climate change and resource management. Students will be expected to take the AP Environmental Science exam in May. *Proficiencies: The Living World, Populations, Earth Systems, Land and Water Use, Energy Resources and Consumption, Pollution, Global Change.*

10468Y AP Chemistry (Double period, 2 credits)

Want to really improve your understanding of college chemistry fundamentals that will help you to be successful in future medicine, engineering, or science related fields? Advanced Placement Chemistry is designed to be the equivalent of a two-semester college general chemistry course and is building block for science, medicine, and engineering. Students will study reactions, atomic theory and bonding, kinetics, equilibrium, acid-base chemistry, and thermodynamics. Laboratory work focuses on inquiry and analyzing experimental data. Students are expected to take the AP Chemistry exam in May. *Proficiencies: Atoms and Elements, Structures and Properties of Matter, Chemical Reactions, Kinetics, Thermodynamics, and Equilibrium.*

10478Y AP Biology (Double period, 2 credits)

Given the speed with which scientific discoveries and research continuously expand scientific knowledge, one should consider taking this course as it offers insight into those cutting-edge revelations and their connections to the past. AP Biology is equivalent to a two-semester introductory college biology course taken by students majoring in a biological science. A greater depth of topics covered at a faster pace of instruction, along with more sophisticated lab work and discussion groups require time and effort from students in order to be successful in this course. Students are expected to take the AP Biology Exam in May. *Proficiencies: Evolution: The process of evolution drives the diversity & unity of life, Homeostasis: Biological systems utilize free energy & molecular building blocks to grow, reproduce and maintain dynamic homeostasis, Genetics & Signaling: Living systems store, retrieve, transmit & respond to information essential to life processes, Biological Systems: System interactions & their complex properties.*

10488Y AP Physics (Mechanics)

Are you interested in finding the cure for cancer or designing the ship that will take humans to Mars? AP Physics is a course that focuses on mechanics, how and why things move, and is essential for many medical, engineering, and science fields of study. Students will study kinematics, forces, rotational motion, energy, momentum, gravitation, and oscillations. These essential concepts of physics will be investigated through demonstrations, laboratory work, discussion, and problem set. The standards will be assessed using a variety of methods. *Proficiencies: Kinematics, Forces, Rotation, Energy, Momentum, Gravitation, and Oscillations.*

SOCIAL STUDIES

The BFA Social Studies Department employs current and progressive learning methods and technologies in the pursuit of understanding how an interconnected human society works and determining how it can best work in the future. We accomplish this by learning what humanity and societies have created over time and using that understanding to solve and determine where we can go in the future.

Social Studies Proficiencies:

1. Inquiry

Students make sense of the world through questioning and/or developing reasonable explanations to support such inquiry through the analysis of information.

2. History

Students understand and evaluate change and continuity over time by making appropriate use of historical evidence in answering questions and developing arguments about the past.

3. Geography

Students use geographic inquiry and reasoning to propose solutions to local, national and global issues.

4. Civics

Students act as productive citizens by understanding the history, principles, and foundations of our American democracy, and acquire the ability to become engaged in civic and democratic processes.

5. Economics

Students make economic decisions through understanding the interactions between humans, governments, economic systems and both the national and global marketplaces.

6. Evaluating Sources and Using Evidence

Students use various technologies and skills to find information and to express their responses to questions through well-reasoned explanations and evidence-based arguments.

7. Communicating Conclusion and Taking Informed Action

Students demonstrate readiness for civic life by communicating an argument that has been strengthened by evidence, critiques, and reflection and that can be used as a foundation for action.

3 Credits required: Global Citizenship, American Experience, 1 credit of electives.



9 th Grade Options	10 th Grade Options
Global Citizenship Accelerated Global Citizenship	21 st Century America The American Experience AP U.S. History AP Government & Politics Gender Studies Economics Sociology of Crime Psychology I & II
11 th Grade Option	12 th Grade Options
The American Experience AP U.S. History AP Government & Politics Gender Studies Economics Sociology of Crime Psychology I & II AP Psychology	All 11th grade options plus: Senior Civics

Grade	Number	Credit	Course	Prerequisite
9	10210Y	1	Global Citizenship	None
9	10211Y	1	Acc. Global Citizenship	8 th Grade Teacher
10 - 12	10231Y	1	The American Experience	10 th , 11 th , or 12 th grade standing
10	10219	.5	21 st Century America	10 th grade standing (Teacher Recommendation)
10 - 12	10238Y	1	AP U.S. History	10 th , 11 th , or 12 th grade standing
10 - 12	10248Y	1	AP Government & Politics	10 th , 11 th , or 12 th grade Standing
12	10247	.5	Senior Civics	Senior Standing
10-12	10249	.5	Gender Studies	10 th , 11 th , or 12 th grade standing
10-12	10251	.5	Economics	10 th , 11 th , or 12 th grade standing
10-12	10254	.5	Sociology of Crime	10 th , 11 th , or 12 th grade standing
10-12	10241	.5	Psychology I	10 th , 11 th , or 12 th grade standing
10-12	10242	.5	Psychology II	10 th , 11 th , or 12 th grade standing
11 or 12	10258Y	1	AP Psychology	11 th or 12 th grade standing

10210Y Global Citizenship

Global Citizenship is a yearlong, one credit course for 9th graders. This course is taught in conjunction with Reading and Writing Workshop. Through this course, students learn to connect themselves to their local community as well as to the world. Students will deepen their own understanding of their place in their community and the broader world by examining their interconnectedness through a historical, geographic, cultural, and economic framework. *Proficiencies: Inquiry, Geography and Global Economics*

10211Y Accelerated Global Citizenship

Accelerated Global Studies is a yearlong, one credit, college, and career preparatory course for 9th graders. This course is taught in conjunction with Accelerated Writing Workshop. Through this course, students learn to connect themselves to their local community as well as to the world. Students will deepen their own understanding of their place in their community and the broader world by examining their interconnectedness through a historical, geographic, cultural, and economic framework, organizations, and people on a global level. The Accelerated Program requires that students be independent and self-directed learners. *Proficiencies: Inquiry, Geography and Global Economics*

10219 21st Century America

21st Century America is a 10th grade semester-long elective course that uses modern day American history to build Social Studies reading, writing, and thinking skills that set students up for success for their future Social Studies courses. Students will engage in content that pertains to modern-day national issues and build a toolkit of resources to expand their skills. This course will be recommended for students by their 9th grade Global Citizenship teacher. *Proficiencies: Inquiry and History*

10231Y The American Experience

The American Experience is a yearlong, one credit course for 10th or 11th graders. The American Experience allows the student to explore how citizenship, government, and history have shaped what it means to be an American, and how this meaning has changed over time. This full year Course provides students with a basic understanding of our government's foundation and an opportunity to interpret how historical events, people, and situations have transformed the rights, duties, and responsibilities of citizens both past and present. Through a variety of activities, students will analyze primary and secondary sources, develop historical arguments, make historical comparisons, and apply reasoning through contextualization, causation, and continuity and change over time. *Proficiencies: Inquiry, History and National Economy*

10238Y Advanced Placement U.S. History

Advanced Placement U.S. History is a yearlong, one credit course for 10th or 11th graders, AP U.S. History is designed to be the equivalent of a two-semester introductory college or university U.S. History course. In AP U.S. History students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course to make connections among historical developments in different times and places: American and national identity; migration and settlement;

politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society. Assessments include reading comprehension guides for chapters in the text, essays, unit tests, projects, and participation. Students who take and receive strong scores on the AP U.S. History exam may receive six college credits. *Proficiencies: Inquiry and History*

10248Y AP U.S. Government and Politics

AP U.S. Government and Politics is a yearlong, one credit course for 11th or 12th graders. This course gives students an analytical perspective on government and politics in the United States. It includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. Topics include Important facts, concepts, and theories pertaining to U.S. government politics; Patterns of political processes, behaviors and their consequences, and interpretation of data relevant to U.S. government politics. Assessment includes reading comprehension guides for chapters in the text essays, until tests, projects, and participation. Students who take and receive strong scores on the AP U.S. Government and Politics exam may receive three college credits.

Proficiencies: Inquiry and Civics

10247 Senior Civics

Senior Civics is a one-semester, half-credit, elective course for 12th graders. Student will investigate and explore contemporary America, examine the community they are part of, and activate themselves as participatory citizens. The American economy will be a focus of study while students learn the economic challenges and money management issues they will face as an adult. Students will develop media literacy skills, study diverse public issues, and evaluate methods aimed at improving life for all Americans. *Proficiencies: Civics and Economics*

10249 Gender Studies

Gender Studies is a one-semester, half credit, elective course for 10th, 11th, or 12th graders. This course offers an introduction to Gender Studies, an academic field that explores critical questions about the meaning of gender in society. The primary goal of this course is to familiarize students with key issues, questions, and debates in Women's, Men's, and Gender studies, both historical and contemporary. Student critically analyze themes of gendered performance and power in a range of social spheres, such as law, culture, education, work, medicine, social policy, and the family.

Proficiencies: Inquiry and History

10251 Economics

Economics is a one-semester, half-credit, elective course for 10th, 11th, or 12th graders. In the course, students will learn basic economic concepts (scarcity, opportunity cost, comparative advantage, etc.) to develop an economic way of thinking. Once grounded in the basics, students will develop an understanding of the interactions between humans, governments, economic systems, and both the national and global markets places. Topics in microeconomics include the nature and function of product markets (supply and demand, consumer choice, production and costs, firm behavior and market structure) and the role of government. Topics in macroeconomics will include the measurement of economic performance (GDP, inflation, unemployment), national income and price determination, the financial sector, fiscal and monetary policies, as well as international trade and finance.

Proficiencies: Economics

10254 Sociology of Crime

Sociology of Crime is a one-semester, half-credit, elective course for 10th, 11th, or 12th graders. This course focuses on the central question of, *why do people commit crime?* Students will learn the nature of crime, why it occurs, and why national statistics have shown that roughly 70% of people who commit crime will likely do so again. The Sociological perspective of criminal behavior focuses on what social factors exist in a person's life that influence them to engage in what our society has articulated as criminal behavior. By the end of the course, students will be able to not only articulate and evaluate the reasons behind committing crime, but also create the necessary social structures needed to reduce criminal behavior. *Proficiencies: Inquiry and History*

10241 Psychology I

Psychology I is a one-semester, half-credit, elective course for 10th, 11th, and 12th graders. Psychology I introduce the student to the history, the major psychological theories of the past and the present, and the role of the scientific method in psychology. Some topics include the structure and function of the brain and nervous system, fight and left-brain studies, the relationship of the physiology of the brain and behavior, personality, and determining personality styles. Movies and documentary series dealing with scientific research and findings will be an integral part of the class. The setting up and execution of experiments is also part of the course learning. *(You do not need to take Psychology I to take Psychology II. They are stand alone classes.)*
Proficiencies: Inquiry and History

10242 Psychology II

Psychology II is a one-semester, half-credit, elective course for 10th, 11th, and 12th graders. Psychology II includes studies of intelligence, learning, and has a great deal of focus on mental disorders (Schizophrenia, Psychosis, Paranoia, etc.) as well as the treatment of mental illnesses. Students will use a variety of communication skills including social studies skills such as writing, reading, observing, group work, discussion, role playing, and this culminates with writing a research paper on a specific psychological disorder. *(You do not need to take Psychology I to take Psychology II. They are stand alone classes.)*

Proficiencies: Inquiry, Communicating Conclusions, and Taking Informed Action

10258Y AP Psychology

The Advanced Placement Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. The Advanced Placement Psychology course will offer students the opportunities to learn about the explorations and discoveries made by psychologists over the past century. Students will get the chance to assess some of the differing approaches adopted by psychologists, including biological, behavioral, cognitive, humanistic, psychodynamic, and sociocultural perspectives. Students will also learn the basic skills of psychology research and develop critical thinking skills. The Advanced Placement Psychology course aims to provide students with a learning experience equivalent to that of most college introductory psychology courses. Students who take and receive strong scores on the AP U.S. History exam may receive six college credits.

Proficiencies: Inquiry, Communicating Conclusions, and Taking Informed Action

WORLD LANGUAGES AND CLASSICS

*Learning another language brings wider global perspectives
and enhances cultural perceptions and understanding.*

The World Languages and Classics Department offers courses in Spanish, French, and Latin, which meet the standards of *Reading, Writing, Speaking, Listening, and Culture*.

NOTE: *Also offered are semester electives based on the Cultural traditions of Spain, the Greeks and Romans, and a survey of Classical Myths and heroes.*

All BFA students are encouraged to study one or more of the languages we offer for two to four years. Many colleges require four years of the same language. As well, studying a foreign language will provide expanded professional opportunities in our global world.

In World Languages courses, students learn to communicate in real-world situations such as shopping, eating, traveling, and meeting new people. In addition to the teacher and textbook, students engage in the language through games, apps, videos, pictures, projects, advertisements, stories, skits, and songs! Learners will be assessed on their ability to interpret meaning through listening and reading, to communicate by speaking and writing, and to demonstrate cultural understanding through learning about the products, perspectives, and practices of the various peoples who speak the languages.

Students in World Language Electives must meet proficiency in the designated World Languages standards (below) and applicable Transferable Skills.

1. Speaking

Learners communicate through spoken language to share information, reactions, feelings, and opinions. Learners orally present information, concepts, and ideas to inform, explain, persuade, and narrate on a variety of topics.

2. Writing

Learners communicate through written language to share information, reactions, feelings, and opinions. Learners convey in writing information, concepts, and ideas to inform, explain, persuade, and narrate on a variety of topics.

3. Reading

Learners understand, interpret, and analyze what is read or viewed on a variety of topics.

4. Listening

Learners understand, interpret, and analyze what is heard on a variety of topics.

5. Culture

Students demonstrate understanding of customs, beliefs, cultural differences, and traditions worldwide.

9 th Grade Options	10 th , 11 th , 12 th Grade Options:
French I, II* (*placement test/teacher rec.) Spanish I, II* (*placement test/teacher rec.) Latin I Greek & Roman Civilization Fiestas, Siestas, and “Mas”: A Cultural Exploration Gods, Heroes & Monsters: A Myth Experience	French I, II, III; IV/V (12 th) Spanish I, II, III; IV/V (12 th) Latin I, II; III/IV (11 th / 12 th) Greek & Roman Civilization Fiestas, Siestas, and “Mas”: A Cultural Exploration Gods, Heroes & Monsters: A Myth Experience

Grade	Number	Credit	Course	Prerequisite
9-12	10501	.5	Greek & Roman Civilization	No prerequisite; strong reading skills
9-12	10502	.5	Fiestas, Siestas, and ‘MAS’: A Culture Exploration	No Prerequisite
9-12	10503	.5	Gods, Heroes & Monsters: A Myth Experience	No Prerequisite; strong reading skills
9-12	10504Y	1	Spanish I	No prerequisite
9-12	10512Y	1	French I	No Prerequisite
9-12	10518Y	1	Latin I	No prerequisite
9-12	10532Y	1	French II	Successful completion in French I
10-12	10524Y	1	Spanish II	Successful completion in Spanish I
10-12	10528Y	1	Latin II	Successful completion in Latin I
10-12	10546Y	1	French III	Successful completion in French II
11	10538Y	1	Latin III	Successful completion of Latin II
12	10540Y	1	Latin IV	Successful completion of Latin III
12	10556Y	1	AP Latin	Successful completion in Latin III or IV
11-12	10536Y	1	Spanish III	Successful completion in Spanish II
11-12	10550Y	1	French IV	Successful completion in French III
12	10548Y	1	Spanish IV	Successful completion In Spanish III
12	10554Y	1	Spanish V	Successful completion in Spanish IV
12	10552Y	1	French V	Successful completion in French IV

Semester Electives:

10501S Greek and Roman Civilization (a semester elective – ½ credit):

Learn about the ancient classical world. Take a different kind of trip back in time and look at the Greco-Roman world spanning the ancient Greek empire of the Late Bronze Age through to the reign of the Roman Emperor, Constantine. Topic covered may include the following: geography, mythology, archaeology, literature, history, politics and war, art architecture, the role of women, democracy, republic, slavery, philosophy from the perspective of both cultures. Through readings, videos, projects, online explorations, and more, students will learn how these ancient cultures have influenced history and the western world. *Standards: Culture, Reading; Clear and Effective communication, Self-Direction, Responsible and Involved Citizenship.*

NOTE: This is not a language class. This is an elective credit.

10502S Fiestas, Siestas, and ‘Mas’: A Cultural Exploration

(a semester elective – ½ credit):

This class will introduce and expose students to the rich cultural traditions of the Spanish-speaking world, beginning with Spain. Possible topics include Spanish food, sports, music and dance, festivals and holidays, art and architecture, film. A variety of activities will range from online reading and research, videos, hands-on projects, food-tasting, and small group discussions. *Standards: Culture, Reading, Clear and Effective Communication, Self-Direction, Responsible and Involved Citizenship.*

NOTE: This is not a language class. This is an elective credit.

10503S Gods, Heroes & Monsters: A Myth Experience

(a semester elective – ½ credit)

Discover the Olympian Gods and Goddesses worshipped by the ancient Greeks and Romans, and how they ruled over the human world. Accompany some ancient heroes on their adventures as they encounter the gods and some fantastical monsters who peppered their daredevil exploits! Through various readings, art, and project-based assignments, which focus on the early Greek and Roman hero myths and realms of the gods, you will learn about and explore the important life lessons these myths relate. And then, if time permits, set out on your own adventure to explore other cultures’ myths about gods, heroes, and monsters to see if the same life lessons are included (you choose the culture and follow the project guidelines). What can you take away from the important life lessons at the heart of all these hero stories? Why do we keep coming back to reinterpret them to fit our modern experiences? You will also try your hand at writing your own version of a hero myth—will it be something ‘Shakespearean’? West Side Story-ish? Percy Jackson-like? Harry Potter-esque? Star Wars-y? **OR**, something NEW and different? *Standards: Culture, Reading, Clear and Effective Communication, Self-Direction, Responsible and Involved Citizenship.*

NOTE: This is not a language class. This is an elective credit.

SPANISH

¡Bienvenidos al mundo hispanohablante! By studying Spanish, you will begin a trip on which you will experience the sounds, words, images, people, and cultures of the Spanish-speaking world. This journey will expand your horizons and provide wonderful opportunities; you will be able to know more people and places, experience Latin music and dances, watch more movies and TV shows, and read different newspapers and books. As a future professional, you will acquire the advantages of being bilingual and increase your job opportunities abroad and in your community. Finally, you can dream of future travels and becoming immersed in the diverse and fun cultures of the twenty Spanish-speaking countries in the world.

10504Y Spanish I

Students will learn to communicate in Spanish on real-world topics such as: making introductions, describing the weather, interacting with friends, expressing likes and dislikes, describing school life, discussing food and healthy habits. Students will also explore the following cultural topics: the geography of the Spanish-speaking world, differences in climate, schools in the Spanish-speaking world, pastimes, and traditional foods and eating habits. *Standards: Reading, Writing, Speaking, Listening, and Culture.*

10524Y Spanish II

Students will learn to communicate in Spanish on real-world topics such as: pastimes, accepting and declining invitations for events, ordering food at a restaurant, the family and home, celebrations, and shopping. Students will also explore the following cultural topics: extracurricular activities and sports, traditional celebrations, the concept of family, house designs, and traditional clothing. *Standards: Reading, Writing, Speaking, Listening, and Culture*

10536Y Spanish III

Students will learn to communicate in Spanish on real-world topics such as: shopping, travel and vacations, community service, movies and TV, and technology. Students will also study advanced grammar topics, such as the preterit past tense and object pronouns. Students in Spanish III will explore the following cultural topics: shopping habits and markets, sites and cities of the Spanish-speaking world, volunteer activities, traditional movies, and TV shows, and communicating through gestures. *Standards: Reading, Writing, Speaking, Listening, and Culture.*

10548Y Spanish IV

Students will learn to communicate in Spanish on real-world topics such as: outdoor activities, competitions and athletic events, art, drama, and music, nutrition and exercise habits, social relationships, and work in the community. Students will also study advanced grammar topics, such as the present, past, and future tenses, and the subjunctive mood. Students in Spanish IV will explore the following cultural topics: The Way of Saint James, arts and artists of the Spanish-speaking world, ancient sports of Mexico and Central America, and Hispanic American contributions to U.S. society. *Standards: Reading, Writing, Speaking, Listening, and Culture.*

10554Y Spanish V

Students will communicate at an advanced level on real-world topics such as: work and the community, technology and future changes to society, myths and legends, the history of Spain and Latin America, and environmental issues. Students will also study advanced grammar topics such as the past, future, and conditional tenses, and the subjunctive mood. In addition, students in Spanish V will examine current events in the target language, complete in-depth research on cultural topics, and read short novels and poems by Hispanic authors. This is a year-long class. Credit will be awarded by

demonstrating proficiency in the five World Language content Standards: *Standards: Reading, Writing, Speaking, Listening, and Culture.*

FRENCH

Do the sights and sounds of Paris intrigue you? When you visit Montreal, do you want to order food or ask for directions in French? When you overhear French-speaking tourists on Church Street, do you ever wish you could understand what they are saying? Would you like to go on vacation to Tahiti, Switzerland, or Monaco? What about humanitarian work in Haiti or Africa? Are you considering a career in fashion or culinary arts? Then French is for you!

10512Y French I

Students will learn to communicate in French on real-world topics such as: telling the time and date, describing themselves and others, daily life at home and at school, likes and dislikes, and relationships with family and friends. *Standards: Reading, Writing, Speaking, Listening, and Culture.*

10532Y French II

Students will learn to communicate in French on real-world topics such as: ordering food at a café or restaurant, shopping for clothing and food, traveling by air or by train, and seasonal activities and sports. *Standards: Reading, Writing, Speaking, Listening, and Culture.*

10546Y French III

Students will learn to communicate in French on real-world topics such as: using technology, preparing French cuisine, and going to the cinema, theatre, doctor's office, bank, or post office. *Standards: Reading, Writing, Speaking, Listening, and Culture.*

10550Y French IV

Students will learn to communicate in French on real-world topics such as: driving a car, navigating public transportation, staying at a hotel, and going to the hospital. *Standards: Reading, Writing, Speaking, Listening, and Culture.*

10552Y French V

Students will learn to communicate in French on real-world topics such as: city life vs. country life, holidays, weddings, manners, etiquette, professions, and the workplace. *Standards: Reading, Writing, Speaking, Listening, and Culture.*

LATIN

There was a time... when **all** roads led to Rome! Find out how the Romans put 'Roman' into *Romance* languages. Give a thumb's up (or down?) to the gladiator in the arena, or the army invading Britain! Give homage to a pantheon of gods and goddesses! Study Latin and learn the language spoken by the ancient Romans, and in the process, interact with an ancient society which dominated western Europe, Britain, and the Mediterranean area for hundreds of years. Understand how Latin has contributed to and influenced our own language and culture. If you are considering a career in Medicine, Science, Law, Politics, History, or Archaeology, then grab hold of Latin! Even if you just enjoy mythology, ancient history, words, and their meanings, then **carpe diem!** *seize the day!*

10518Y Latin I

Using the 'Restored Classical Pronunciation', students begin speaking (recitation mainly), reading, writing, and listening to basic Latin using simple grammar constructs which continue to build as fluency does. Students will learn about the daily life of an ancient Roman family, the theater, slavery, mythology, art, gladiators, mythology, and maybe some ancient Greek. *Standards: Reading, Writing, Speaking, Listening, and Culture.*

10528Y Latin II

Continue the Latin journey. Discover and explore at a more intermediate level, while continuing to address all the language standards, the intricacies of Latin and the pursuits and interests of the Romans in such areas as education, the eruption of Mount Vesuvius, politics and elections, life in the province of Britannia, and in Alexandria, Egypt. *Standards: Reading, Writing, Speaking, Listening, and Culture.*

10538Y Latin III

The journey accelerates to trickier territory as the intricacies and grammar constructs of Latin sentences build and intensify. Speaking and listening activities contribute to enhanced reading and writing experiences in preparation for the challenge to begin reading primary source authors of the ancient world. *Standards: Reading, Writing, Speaking, Listening, and Culture.*

10540Y Latin IV

Bring the journey to its conclusion. Experience the original authors as teens in the ancient Roman world would have! Now that reading, writing, speaking, and listening skills have helped develop a well-trained eye, students will have the opportunity to read selections from ancient authors such as Caesar, Cicero, Vergil, Horace, Ovid, Catullus, and others. Through this reading students will observe and interpret the ancients' perspectives on topics such as love, life, death, war, and draw connections to their own modern world view. *Standards: Reading, Writing, Speaking, Listening, and Culture.*

10556Y Latin AP

This course will be available for students who have a **very strong** command of Latin after a minimum of three years. Independent Study option available for qualified students—teacher permission, approval, and recommendation required.

Standards: Reading, Writing, Speaking, Listening, and Culture.

World Language Program Note: To further enhance the 'global' perspective for students, the World Languages Department faculty is actively involved in providing opportunities for students to participate in international travel abroad as part of their language enrichment and high school experience. Destinations rotate by language each year. Start planning now.

SUPPLEMENTARY OFFERINGS

DRIVER EDUCATION

Students in this course will be required to complete thirty (30) classroom hours of academic classroom work and six (6) hours of in vehicle observation. This course covers topics such as vehicle performance, distracted driving, drowsy driving, dangerous decisions, and myths concerning alcohol, drugs and drunk driving.

Prerequisite: Each student must obtain a Vermont Learner's Permit before beginning the course. Participation will be determined by permit issue date. Classes are held in the morning (6:15-7:15 a.m.), after school (3:00-4:00 p.m.) and during the summer.

The attendance policy for Driver Education is consistent with the Vermont State Board of Education Manual of Rules and Practices Section 2350 Driver and Traffic Safety Education Programs, the driving course must consist of: At least 30 hours of classroom time. 6 hours of behind-the-wheel driver's training. 6 hours of riding as a passenger and observing. The current course is scheduled for 32 hours to give students up to two absences. Any student missing 3 classes, either excused or unexcused, will be removed from the course. They may submit an application to enroll for the next session.

Due to the nature of this course, any student suspended for violating the BFA Drug and Alcohol Use/Abuse policy must fulfill all school requirements from the policy violation before re-applying to the next session.

VIRTUAL HIGH SCHOOL

For Students who need to fit an extra class into an already full schedule, need a class which is not available at BFA, or they simply enjoy using technology and want the challenge and flexibility of high-quality online class, Virtual High School may be the answer. Student success is dependent on high motivation and the discipline necessary for independent learning. Visit govhs.org for more information and ask your guidance counselor about the process BFA follows before student registrations are accepted. Credit is awarded through BFA.

Student Benefits:

- Engage in challenging on-line courses.
- Experience robust interactions with teachers and peers.
- Have unique opportunities to collaborate and exchange ideas across cultures and time zones.
- Enjoy scheduling flexibility; students can attend class and courses can take place anywhere and anytime with a 24-hour period.
- Participates in courses that are highly desired but aren't otherwise available.

FLEXIBLE PATHWAYS

B.F.A's Flexible Pathways offerings provide students the opportunity to personalize their learning experience, pursue their passions, and connect their academic work to the worlds of college and/or career. Flexible Pathways at B.F.A. affords students the opportunity to pursue and receive credit for work-based, community-based, and independent learning experiences. Work-based learning experiences involve students interacting with industry or community professionals in a mentorship context where they work and learn alongside professionals in the real world. Community-based learning shares many of these characteristics, but can entail student experiences such as volunteer work, job shadows, informational interviews, and work site tours. In an independent learning experience students work with the Flexible Pathways coordinator and a content area teacher to create a project or research-based experience that relates to the students specific and unique interests. These Flexible Pathways offerings are driven by the student and promote personal development by demanding increased independence and ownership over the learning experience, and by fostering learning beyond the classroom setting.

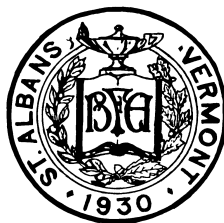
CO-CURRICULAR ACTIVITIES

All students attending Bellows Free Academy have the opportunity to participate in co-curricular activities. These activities help the students to develop new skills and to meet new people. There is SOMETHING for EVERYONE!



CLUB	SPORTS	MUSIC & DRAMATICS
A World of Difference After School Program (many different activities) Club Interact DECA GSA- Gender and Sexuality Alliance Hope Happen Here International Club Math League Scholar Bowl Ski and Snowboarding Club Skills USA Social Justice Club Student Voice Unified Club Upward Bound Win-Win Mentoring Program Robotics	Alpine Skiing Athletic Council Baseball Basketball Cheerleading Cross-Country Running Dance Team Football Golf Ice Hockey Lacrosse Nordic Skiing Snowboarding Soccer Softball Tennis Track and Field Volleyball	All New England Music Festival All State Music Festival Chamber Singers Concert Band District Jazz Festival District Music Festival Jazz Band Junior Jamboree Marching Band Mixed Chorus Musical Production One Act Festival Play Pit Band Regional Drama Production Student Directed Plays Young Playwright Festival
HONOR SOCIETIES	PUBLICATIONS	CLASS & SCHOOL OFFICERS
International Thespian Society National Honor Society National Art Honor Society National Technical Honor Society	Mercury (School Paper) Yearbook	Student Council Senior Class Junior Class Sophomore Class Freshman Class





Bellows Free Academy

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