

Atlantic Shores Christian School

Secondary Campus, Grades 9-12

Courses of Instruction

2020-2021

Please note that course placement/selection is done on an individual basis, tailored to each student's interests and strengths.

Students are selected for honors classes on the basis of high achievement in the previous class, objective assessments and a strong work ethic. Admission to honors classes may be limited by class size.

DE Class Requirements for JBU: 3.00 GPA for Juniors and Seniors, 1020 SAT (EBRW+M) or 20 ACT with a minimum of an 85% in the previous subject class. Students may take a maximum of two JBU courses per semester. DE is also offered from Regent University, Bryan College and Grand Canyon University.

Grades 9-12

Bible- Students are required to take one Bible class for each year of attendance at Atlantic Shores.

Bible 9/10: Life of Christ, How to Study the Bible, Book of Acts, Church History

Bible II/12: Systematic Theology and Doctrine, Worldviews, Philosophy, Ethics and Apologetics

Dual Enrollment Bible: Understanding the Culture and Understanding the Faith-rotating years (Prerequisite: one credit of high school Bible)

English- Four credits of English are required.

English 9

English 9 Honors

English 10

English 10 Honors

English 11

English 12

Dual Enrollment English (English I Composition and English II Literary Analysis Online, each three semester hours through John Brown University. Each dual enrollment English online course is paired with a semester of an honors English class: 11th grade/American Literature and 12th grade is British Literature- each to be taken together for a year-long class.)

Science- Four credits of science are required (three for *General Diploma*).

Earth Science

Biology

Biology Honors

Chemistry (Prerequisite: Biology)

Chemistry Honors (Prerequisite: Biology/Enrolled in or have taken Algebra 2)

Anatomy Honors (Prerequisite: Biology and Jr. or Sr.)

Oceanography (Prerequisite: Biology and Jr. or Sr.)

Physics Honors (Prerequisite: Pre-Calculus or taking concurrently)

Dual Enrollment Cell Biology (Four semester hours through John Brown University) *offered on rotating years

Mathematics- Four credits of math are required (three for the *General Diploma*).

Algebra I or Algebra I Honors

Geometry or Geometry Honors

Algebra Functions and Data Analysis

Algebra II or Algebra II Honors

Advanced Algebra and Trigonometry

Pre-Calculus Honors

Dual Enrollment Survey of Calculus (Three semester hours through John Brown University) (Prerequisites: Pre-Calculus Honors grade of 85% or higher and ACT Math score of 24 or SAT Math score of 580.)

Dual Enrollment Intro to Statistics (Three semester hours through John Brown University) (Prerequisites: Pre-Calculus Honors grade of 85% or higher and ACT Math score of 24 or SAT Math score of 580.)

Dual Enrollment Math for the Liberal Arts (Three semester hours through Regent University) (Prerequisite: 85% average in Algebra II and 3.0 GPA)

Humanities- Four credits of Humanities are required.

World History II

World History II Honors

Geography and Economics

Geography and Economics Honors

American History

AP American History- Teacher approval required

American Government

American Government Honors

Physical Education/Health- Two credits of PE/Health are required.

Health/PE 9/10

Advanced Boys PE/Weightlifting (must be a junior or senior who has completed one PE course)

The two-sport option may be used to fulfill PE/Health credits. In order to earn one PE/Health credit, the student must successfully participate on a sport's team for two seasons, within 9th-12th grades. Four seasons of a sport earns two PE credits.

Health and Wellness Pre-requisite: Sophomore, junior or senior/1 year of PE credit (Semester 1/.5 credit)

Lifetime Fitness Pre-requisite: Junior or senior/1 year of PE credit (Semester 2/.5 credit)

Foreign Language- Two credits of a foreign language are required for the *College Preparatory Diploma*.

Spanish I

Spanish II

Spanish III

Spanish III Honors

AP Spanish IV- Teacher approval required

Advanced Microsoft Applications- Required for graduation.

The course is designed to teach students how to navigate and effectively use the tools in Microsoft Word, Excel, and PowerPoint. The emphasis is upon the student learning how to use these tools to complete excellent assignments in all of their subject areas.

AP Computer Science A

The course covers the main goals of an introductory, college-level computer science programming course. To include: Program Design and Algorithm Development, Code Logic, Code Implementation, Code Testing, Documentation, and Ethical Computing. Students will practice their computer science skills and analyze their own programs to address real-world problems.

Speech- One credit of Speech is required for graduation. Speech I may be taken in grades 10 – 12.

Speech I

Dual Enrollment Public Speaking. (Prerequisite: Speech I) (Three semester hours through John Brown University)

Speech II

Students will learn and apply public speaking techniques. Speeches include informative, extemporaneous, impromptu, persuasive, rhetorical analysis, and choric speaking. (Prerequisite: Speech I (Semester 2/.5 credit))

Electives- (Only those electives with adequate student interest will be offered.)

Art I

This course employs a range of traditional and new art media to explore their own identity, aesthetics, art history and theory, divergent cultural perspectives, and various issues that make up their visual culture. It is a fundamental goal of this course to help students develop the skills to understand the History of Art and to creatively invent aesthetic forms that incorporate techniques passed down through the ages by the Masters of Art.

Art II

Students enrolled in Art II are expected to organize the components of their personal artwork through their knowledge of Principles of Design and Elements of Art. At this level, their personal style will become more apparent. In Art II, students will focus on composition and layout. They will delve deeper into a broad range of mediums, draw on information learned in Art I, and apply that knowledge to original works of art based on topics provided by the teacher. (Prerequisite: Art I)

Art III

In Art III, students will engage in the creative process by way of producing two-dimensional and three-dimensional pieces, working on a college portfolio and applying knowledge from previous years of experience to original works of art based on a broad topic provided by the teacher. The students at this level will initiate, define and solve challenging visual art problems independently using skills such as analysis, synthesis and evaluation. Art III students will leave this level prepared to enter an arts program at the college level. (Prerequisite: Art II)

Art IV Studio Art

The Studio Art Program consists of three mediums — 2-D Design, 3-D Design and Drawing. It is designed for students who are seriously interested in the practical experience of art. Students work with diverse media, styles, subjects, and content to create a portfolio of work to be submitted at the end of the year for outside evaluation. (Prerequisite: Art 3 and/or teacher recommendation)

Band

High School Band is offered during zero bell (7:30 - 8:15 am), and Middle School Band is offered first bell. Jazz Band meets one day each week and is open to students with experience on one of these instruments: Alto Sax, Tenor Sax, Bari Sax, Trumpet, Trombone, Euphonium, Piano, Guitar, Bass Guitar, Drums & Percussion.

Choir

Choir is open for students in grades 9-12 and is offered five days per week during zero bell.

Choir Ensemble

Students must audition and have permission from the choir director to take Choir Ensemble.

Personal Finance

This course is designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions. This math class will count as a math credit for those earning the *General Diploma* only. (Prerequisite: Algebra I)

Resource

This program is for those students who need additional assistance to be successful in their coursework. Students seeking to be accepted to Resource will apply to the Director of Resource who will determine placement by testing and IEPs.

Journalism/Yearbook

Students will produce and distribute the yearbook as well as complete several other projects. The topics to be covered include photography, interviewing, writing articles, page layout design and the use of the Jostens website. *By application only.

Reel Faith 1 & 2: Finding God in the Movies

The class will be screening a variety of movies through the lens of faith, seeking insights on the spiritual dimension of each film. Students will be able to learn the skills necessary to engage today's culture in a productive way from a Biblical standpoint. (Semesters 1 & 2 .5 credit each)

SAT Preparation

The SAT Prep class will teach students ways to improve their effectiveness and efficiency in test taking and how to do an appropriate analysis of questions by using real SAT exam questions. Students will focus on the math and writing portion of the exam. (Semester 1 or 2/ .5 credit)

Digital Photography

Digital Photography is an introductory course designed to train students on how to use standard digital camera equipment, provide instruction in basic design principles, rules of composition, history of photography and exposure to the masters of photography, past and present. Students with no experience as well as those who are already camera-savvy will find this class worth taking. Please note: a digital camera is required; phone cameras do not allow for high enough quality. (Semester 1/.5 credit)

Video Production

This course is designed to provide the student with an introduction to the theory and technique of film/video production. The class will provide the basic study of story, scriptwriting, directing, camera operations, lighting, sound, and editing techniques. Careers within the industry will be explored and distinguished filmmakers in their field will be highlighted. Video camera or digital camera that records video is required. (Semester 2/.5 credit)

Personal Finance (Abbreviated version)

This course is designed to help students understand the impact of individual choices on occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions. (Semester 1 or 2/.5 credit)

Adobe Photoshop

This course is designed to give students an understanding of how to apply Adobe Photoshop to perform many different image-processing techniques. Through project work, students will learn how to use several tools for selecting parts of images, color correction, retouching, layers, straightening, and special filters. (.5 credit)

Robotics

This course is designed to develop basic construction concepts on how to interact with hardware and software. Students will learn to code while they construct robots that spin, wave arms and flash LEDs. Students use C++ coding language to control their robots, providing a solid foundation to easily explore other languages and skills, and providing a set of tiered challenges that guides them through a planned curriculum. (.5 credit)

Health and Wellness

This one semester elective focuses on growing a healthy lifestyle (healthy diet, developing a personal fitness plan, etc.) and includes CPR and First Aid Certification. This course may be used toward PE credit fulfillment. Pre-requisite: Sophomore, junior or senior/I year of PE credit (Semester 1/.5 credit)

Lifetime Fitness

This one semester elective focuses on helping students develop and implement a personal fitness plan, to include strength and conditioning, and an exploration of lifetime sports. This course may be used toward PE credit fulfillment. Pre-requisite: Junior or senior/1 year of PE credit (Semester 2/.5 credit)

Life Skills

This one-semester elective is designed to increase students' knowledge of and ability in using the skills necessary for everyday living. Instructional material focuses on household management and food preparation, personal safety, etiquette, money management, and understanding and interpreting important documents preparing for college and beyond. This is intended to be a practical class with practical application. (Semester 2/.5 credit)