

AFJROTC (Air Force Junior ROTC)

There is no military commitment associated with being a member of the AFJROTC program.

Physical training and wellness are an integral part of the Air Force JROTC program. The curriculum is designed with 20 percent of the cadet's grade achieved from this portion of the course. Establishment of a self-awareness physical fitness baseline is accomplished at the beginning of the academic school year with physical fitness activities conducted throughout the year during weekly PT sessions. Cadets will have numerous opportunities to participate in community service projects while earning community service hours that are applicable to Florida's Bright Futures Scholarship Program. AFJROTC is an excellent program to build camaraderie and strengthen friendships.

Completion of 2 full years in the AFJROTC program satisfies ½ credit PE (Personal Fitness is still required) and fulfills the 1 credit Performing/Fine Arts graduation requirement.

Aerospace Science 1 (1800300)

Aviation History/Citizenship, Character & Air Force Tradition

AS100: Focused on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. Emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomical and space exploration history. It is interspersed with concise overviews of the principles of flight to include basic aeronautics, aircraft motion and control, flight power, and rockets.

LE 100: Provides a basis for progression through the rest of the AFJROTC program while instilling elements of good citizenship. Contains sections on cadet and Air Force organizational structure; uniform wear; customs, courtesies, and other military traditions; health and wellness; fitness; individual self-control; and citizenship.

40% AS, 40% LE & 20% Wellness

1 year; 1 elective; grade 9-12; No Prerequisite.

Aerospace Science 3 (1800320)

Exploring Space: The High Frontier/Life Skills and Career Opportunities

AS 300: This course covers the human aspect of spaceflight, focusing on the human experience in space. It also examines the latest advances in space technology, including robotics in space, the Mars Rover, and commercial uses of space.

LE 300: This course it is designed to prepare students for life after high school in the high-tech, globally oriented, and diverse workplace of the 21st century. Students will learn how to become a more confident financial planner and to save, invest, and spend money wisely, as well as how to

avoid the credit trap. They will learn about real-life issues such as understanding contracts, leases, warranties, legal notices, personal bills, practical and money-saving strategies for grocery shopping, apartment selection, and life with roommates.

40% AS, 40% LE & 20% Wellness

1 year; 1 elective; grade 9-12; Prerequisite:

Aerospace Science I (1800300)

Aerospace Science - Transportation (1800350) **ERAU-Worldwide MGMT 203/295 (6 College Credits)**

Global Logistics Associate (GLA) Certification

This course provides the opportunity to earn college credit and an industry certification. It focuses on the general knowledge of logistics/supply chain and the associated functions necessary for the delivery of goods. Students will have the opportunity to earn the Global Logistics Associate entry level certification with successful completion of a comprehensive exam administered by the American Production Inventory Control Society (APICS). The GLA certification is an internationally recognized program that acknowledges the completion of rigorous coursework in logistics and supply chain for entry level positions.

40% AS, 40% LE & 20% Wellness

1 year; 1 fully weighted elective credit+; grades 11-12; Prerequisite: At least 1 year in JROTC, approval by Aerospace Science Instructor and admission into the Okaloosa Aerospace Academy – application required.

⁺Please refer to pages 18 and 19 of this guide for information on weighting of credits.

**Aerospace Science – Leadership I (1800400)
Management of the Cadet Corps**

AS 400: This course allows junior/senior level cadets to manage the entire corps during their third or fourth year in the Air Force Junior ROTC program. This hands-on experience affords cadets the opportunity to put theories of previous leadership courses into practice. Planning, organizing, coordinating, directing, controlling, and decision-making will be done by cadets. They will put into practice their communication, decision-making, personal-interaction, managerial, and organizational skills.

LE Elective: Will be delivered in accordance with Headquarters JROTC Curriculum Guide at instructor's discretion.

40% AS, 40% LE & 20% Wellness

1 year; 1 elective credit; grades 11-12;

Prerequisite: At least 1 year in JROTC, approval by Aerospace Science Instructor and leadership position within corps.

**Aerospace Science IV – Leadership Honors
(1800360)**

Management of the Cadet Corps

AS 400: This course allows senior level cadets to manage the entire corps during their fourth year in the Air Force Junior ROTC program. This hands-on experience affords cadets the opportunity to put theories of previous leadership courses into practice. Planning, organizing, coordinating, directing, controlling, and decision-making will be done by cadets. They will put into practice their communication, decision-making, personal-interaction, managerial, and organizational skills.

LE Elective: Will be delivered in accordance with Headquarters JROTC Curriculum Guide at instructor's discretion.

40% AS, 40% LE & 20% Wellness

1 year, 1 weighted+ elective credit; grades 11-12;

Prerequisite: At least 1 year in JROTC, approval by Aerospace Science Instructor and leadership position within corps.

Note: AS = Aerospace Science

LE = Leadership Education

Each course includes LE 500 Drill and Ceremonies and Presidential Fitness Challenge Program.

⁺Please refer to pages 18 and 19 of this guide for information on weighting of credits.

Art

Art Courses receive performing/fine arts or elective credit.

2-D Studio Art 2 0101310

This beginning level art class will enable students to communicate ideas visually through the use of two-dimensional design and composition. Students will be introduced to art history, a variety of techniques and media such as charcoal, pastel, oil pastel, acrylics, watercolor, printmaking, scratchboard, and clay. *1 year; 1 credit; grades 9-12; no prerequisite.*

2-D Studio Art 3 Honors 0101320

This course is a continuation of Art 2-D Comprehensive 2. Students will continue to develop their skills in a variety of media and techniques. More emphasis will be placed on individual creativity and craftsmanship. *1 year; 1 weighted* credit; grades 10-12; prerequisite: 2-D Studio Art 2.*

Portfolio Dev: 2D Design Honors 0109320

This course is a continuation of 2-D Studio Art 3 Honors. Students will continue to develop their skills in a variety of media and techniques. More emphasis will be placed on individual creativity and craftsmanship. Students will develop and create a portfolio to help prepare for college admissions. *1 year; 1 weighted* credit; grades 11-12; prerequisite: 2-D Studio Art 3 Honors.*

Creative Photography 1 0108310

This is an introductory class that will teach students how to use a 35 mm camera. Students will learn how to develop black and white film and how to print black and white photographs in the darkroom.

Students must provide a 35 mm camera with manual capabilities, film and photo paper.

1 year; 1 credit; grades 11-12; prerequisite: instructor approval.

Creative Photography 2 0108320

This course is a continuation of Creative Photography I. Students will continue to develop their camera and darkroom skills, and learn to hand color their black and white photography. Alternative photographic techniques and digital photography are included. *1 year; 1 credit; grade 12; prerequisite: Creative Photography 1, and instructor approval.*

Art 1 – CHS Pre-IB 0114800

The purpose of this course is to introduce students to the art and artists of America and other cultures. Students will create original works of art using a variety of media such as watercolor, acrylics, pastels, printmaking, and clay. Students learn to do research that is recorded in an art journal, to help form ideas for their art. Strongly encouraged for students entering IB as preparation for IB Art A-1. *1 year; 1 credit weighted+; grades 9-10; prerequisite: Admission to the IB program.*

Art 2 – CHS Pre-IB 0114810

In this course, students will continue to develop their skills in a variety of media and techniques. More emphasis will be placed investigation of artist's techniques and self-expression. Strongly encouraged for students entering IB as preparation for IB Art A-1. *1 year; 1 weighted* credit; grade 10; prerequisite: CHS PIB Art 1.*

IB Visual Arts 1 0114815

This art class is year one of a two year sixth subject elective offered in the CHS IB Diploma Program. Students create a body of work in a variety of media, based on a personal theme through written and visual research in their art journal. Previous art experience is highly recommended. *1 year; 1 weighted* credit; grades 11-12; prerequisite: CHS Pre-IB Art 1, Admission to the IB program or instructor approval.*

IB Visual Arts 2 SL 0114825

This is a continuation of IB Art A-1 for students who will take the SL IB Art Exam. Students exhibit their work as a group at the end of this year. *1 year; 1 weighted* credit; grades 11-12; prerequisite: IB Art A-1, and Admission to the IB program or instructor approval.*

IB Art A-3 HL 0114835

This is a continuation of IB Art A-1 for students who will take the HL IB Art Exam. Students exhibit their work as a group at the end of this year. *1 year; 1 weighted* credit; grades 11-12.; prerequisite: IB Art A-1, and Admission to the IB program.*

****Students will create a digital portfolio that consists of a comparative study, process portfolio, and exhibition portfolio.**

⁺Please refer to pages 18 and 19 of this guide for information on weighting of credits.



Engineering Program

Choctawhatchee High School Engineering Program will provide students with basic foundation courses academically supporting students for future career endeavors in engineering, aerospace, electronics, biomedical, civil, electrical, Computer-Aided Design software, mechanical, and transportation engineering utilizing Computer-Aided Design software that results in three dimensional parametric solid modeling through the use of an on-site 3D printer. Curriculum provides college level transferable credit in two courses through Embry-Riddle Aeronautical University Worldwide upon successful completion. Students may also earn Industry Certification in AutoCad and Autodesk Inventor.

Intro to Aerospace and Engineering 8600510

This course provides students an introduction to the various career fields in aviation/aerospace and engineering. First semester, students will learn about the history of aerodynamics and the development of the airplane through the use of flight simulators and field trips to local aviation museums and military bases. Second semester, students will focus on engineering through hands on experience of tools, history of engineering, industry overview, terminology and an introduction to drafting and computer based design programs. *1 year; 1 elective* credit; grade 9-12, no prerequisite.*

Intro to Engineering Design 8600550**

This course is a project based overview and introduction to major fields of engineering, careers, engineering procedures and design process in civil, mechanical, electrical, chemical, and medical fields. Using conventional drafting tools and techniques, emphasis is placed on mechanical and architectural drafting including orthographic, isometric and perspective projections and auxiliary views section. This is attained with the use of hands-on projects using drafting tools which lead into an introduction in AutoCad computer-aided drafting. *1 year; 1 weighted* elective* credit; grade 9-12, prerequisite: successful completion of Algebra 1 EOC.*

Principles of Engineering 8600520**

This course focuses on higher level engineering, including individual and team hands-on projects and modeling incorporating parametric, solid geometric parts using 3D Printing equipment creating products relevant to medical, civil, mechanical, transportation (Magnetic Levitation-Mag-Lev), electronic and construction engineering fields. Emphasis is placed on student's successful attainment of Autodesk Inventor Certified User Industry certification. *1 year; weighted+ vocational elective* credit; grades 10-12; prerequisite: Intro to Engineering Design.*

Aerospace Engineering 8600620**

The purpose of this program is to provide students with a foundation of knowledge and technically oriented experiences in the study of the applications of aerospace engineering. The content and activities include the study of entrepreneurship, safety, and leadership skills. This program focuses on transferable skills and stresses understanding and demonstration of the technological tools, machines, instruments, materials, processes and systems in business and industry. *1 year; 1 weighted* vocational* elective credit; grades 11-12; prerequisite: Principles of Engineering.*

*Meets the Fine Arts Graduation Requirement.

**These three Engineering courses fulfill the Career/Technical credit requirement for the Florida Gold Seal Vocational Scholarship.

ERAU-WW Collegiate Engineering ELE0004 ENGR 101 (Fall) / ENGR 119 (Spring)

(Potential 6 College Transferrable Credits)

This ERAU-W engineering block of study has two courses which emphasize individual and team projects using drafting tools, techniques and software. **ENGR 101 (Intro to Engineering):** This introduction to interdisciplinary aspects of the engineering of aerospace systems is project-based, demonstrating how the engineering profession is a multi-disciplinary field. Students are involved in an array of conceptual exercises, simple design activities, and projects dealing with engineering in aerospace-related areas. **ENGR 119 (Graphical Communications):** Students will use free-hand pencil sketching and CAD and Auto CAD Inventor as tools for graphical communication of engineering designs. Standard form for design graphics and view layout, orthographic projection, section and auxiliary views, dimensioning, tolerancing, introduction to shop processes. *1 year; 1 weighted* elective credit; grades 10-12; prerequisite: admission to Okaloosa Aerospace Academy-Application Required.*

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.



Information Technology Institute

Students who successfully complete three (3) sequential Information Technology courses (DIT, Web Programming (Web 1) & User Interface Design (Web 2) - or - DIT, Digital Design 1 & Digital Design 2) meet one of the main requirements for Florida's Bright Futures Scholarship (The Gold Seal Vocational Award at a Florida Vocational Institute, see page 11 of this guide.) Due to potential completion of some of the below listed courses at a previous school, the track/order students take may vary.

**Meets the Performing/Fine Arts and Online Graduation Requirements.*

Digital Information Technology (DIT) 8207310*

This course is designed to provide an introduction to IT concepts and careers. Emphasis is placed on developing proficiency with the fundamental computer applications of keyboarding and word processing so they may be used as communication tools for enhancing personal and workplace proficiency in an information based society. Students will be introduced to the Microsoft Office Suite and will have practical experience while having the opportunity to earn their Microsoft Office Specialist certifications in Word, PowerPoint, and Excel. *1 year; 1 vocational* credit; grades 9-12; no prerequisite.*

Digital Design Track

Digital Design 1: Photoshop 8209510*

In the Digital Design 1 course, learn to enhance, manipulate, and transform your photographs using the world's leading software in graphic design, Adobe's Photoshop Creative Suite software. Discover the basics of photography all while earning an industry standard certification. Projects may include: designing your own CD, movie poster, the school planner, curriculum catalog covers, cereal box, creating a panorama, and many more! Students will prepare to earn their certification in Adobe ACA Photoshop. *1 year; 1 vocational* credit; grades 9-12; prerequisite: DIT.*

Digital Design 2: Illustrator 8209520*

Experience the industry's premier vector-drawing environment and maximize your creative talents using Adobe Illustrator while taking the Digital Design 2 course. You will be able to bring your vision to life with shapes, color, effects, typography, and more. Learning Adobe Illustrator will allow you to develop your unique personal style as a graphic artist and add to your electronic portfolio. This course allows you to perfect your skills with creating computer graphics and illustrations. Students will prepare to earn their certification in Adobe ACA Illustrator. *1 year; 1 weighted* vocational* credit; grades 10-12; prerequisite: Digital Design 1*

Web Programming Track

AP Computer Science Principles 0200335*

This course is designed to introduce students to the creative aspects of computer programming, coding, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts while offering opportunities to use technology to address real-world problems and build relevant solutions. The AP Computer Science Principles assessment consists of two performance based projects submitted online during the school year and an end-of-course AP Exam administered in May. *1 year; 1 weighted* vocational credit; grades 9-12; prerequisite: C or Higher in DIT.*

Web Programming (Web 1) 9007510*

This Web Programming course is a foundation course where students learn HTML5 & CSS coding and how to program Web sites from start to finish all while having fun. In addition, students will learn basic computer programming concepts, such as problem solving skills using logic flow and algorithm development. The combination of hands-on learning and teacher instruction gives the student a well-rounded background in Web programming. Students will have the opportunity to earn the Certified Internet Webmaster Site Development Associate industry certification. *1 year; 1 weighted* vocational* credit; grades 9-12; prerequisite: AP Computer Science Principles.*

User Interface Design (Web 2) 9001120*

Students focus on expanding their Web design skills in an ever-changing world of Web technologies by exploring several advanced features of the Adobe Creative Suite and build on their existing coding skills. Individual and group projects are assigned, and frequently involve the creation of "real world" interactive Web sites. Students will have the opportunity to earn the Certified Internet Webmaster Web Design Specialist industry certification. *1 year; 1 weighted* vocational* credit; grades 10-12; prerequisite: Web Programming (Web 1).*

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

A partnership between Okaloosa Schools and Embry-Riddle Aeronautical University-Worldwide.

Note 1: The first listing (course 8600510) is high school credit only and is taught by an Okaloosa County School District faculty member. The class is NOT a prerequisite for upper-class aviation courses; beginning their 10th grade year students can step into Embry-Riddle Aeronautical University Worldwide semester classes in August or January as long as they have a 2.8 unweighted GPA (waiverable to 2.5). The only class with additional restrictions is ASCI 185 Intro to Flight which is limited to 11/12th graders or 10th graders by exception and careful consideration by the Aerospace Academy staff.

Take note parents/students: Embry-Riddle Aeronautical University Worldwide courses are held in escrow until graduation; their use in a degree-seeking program depends entirely on the degree sought; courses may or may not count as core or electives, depending on the degree program entered in a college other than Embry-Riddle Aeronautical University Worldwide. Email OkaloosaAerospaceAcademy@erau.edu or see an aviation instructor for more details. All courses meet the practical/fine arts credit requirement for graduation.

8600510 Intro to Aerospace and Engineering / Tech Studies I (High school credit only)

This course provides students an introduction to the various career fields in aviation/aerospace and engineering. First semester, students will learn about the history of aerodynamics and the development of the airplane through the use of flight simulators and field trips to local aviation museums and military bases. Second semester, students will focus on engineering through hands on experience of tools, history of engineering, industry overview, terminology and an introduction to drafting and computer based design programs. *1 year; 1 elective credit; grades 9-12; no prerequisite.*

FAA Pilot Ground School

Full Year

ASCI 121 FAA Private Pilot Ground School (6 college credits)

This course provides the basic knowledge and skills to establish a firm foundation for a career as a professional pilot through the practical application of basic aerodynamics, aircraft performance, regulations and flight planning in single pilot, single-engine aircraft. This course also provides a foundation and understanding of the essential elements of resource management and teamwork as required by the aviation industry. Topics include; regulations, safety, pre-solo operations, cross-country planning, airspace, chart use, communications, weather, performance, weight and balance, aerodynamics and decision-making. This course develops the aeronautical knowledge required for the written portion of the certification test as a Private Pilot with an Airplane Single Engine Land rating. (FAA Part 61) *1 year, 1 fully weighted elective credit, grades 10-12: admission to OAA.*

General Aeronautics

Fall Semester

HIST 130 History of Aviation (3 college credits)

A survey course of the history of America in the Twentieth Century, emphasizing the explosive growth of aviation as a major influence upon the economic, military and societal development of the United States. The goal of the course is to discuss those personalities and technologies that were significant to the development of American aviation/aerospace and to highlight the interrelationship between aviation/aerospace and the broader context of American political, social, economic, and military history. *1 semester, ½ fully weighted elective credit, grades 10-12: admission to OAA.*

~PLUS~

Spring Semester

ASCI 254 Aviation Legislation (3 college credits)

This course examines the evolution of federal civil aviation regulations in the United States. Students will examine the past and present problems prompting regulation of the industry, the resultant safety, legislation, airport development, funding legislation and international aviation legislation. The overall goal of this course is to instill in the student an appreciation for the impact of historical events and legislative acts on the development and control of aviation as it exists today. Particular attention will be paid to the role that the Federal Government played in this process. *1 semester, ½ fully weighted elective credit, grades 10-12: admission to OAA.*

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

Aircraft Maintenance

Fall Semester

AMNT 270 Airframe Structures and Applications (3 college credits)

Using both classwork and hands on, this course is an introduction to airframe structures, appropriate applications and repairs. The study of aircraft wood, dope, fabric, sheet metal, welding theory and methods of fabrication are included in this course. The student will have the opportunity to work on an actual aircraft located on campus to gain experience and reinforce concepts. *1 semester, ½ fully weighted elective credit+, grades 10-12: admission to OAA.*

~PLUS~

Spring Semester

AMNT 281 Turbine Engine Theory and Applications (3 college credits)

This course is an introduction to aircraft propulsion systems and applications. Theory, principles of operation, and controls and systems for propellers and turbine engines are analyzed in this course. This course is designed to provide foundational knowledge into turbine engines and propeller systems. Upon successful completion, the student will have an operational familiarity of turbine engine systems and applications. *1 semester, ½ fully weighted elective credit+, grades 10-12: admission to OAA.*

Cybersecurity

Fall Semester

CYBR 155 Foundations of Information Security (3 college credits)

The primary focus of this course is to provide a survey of the broad field of cybersecurity and information assurance. Topics will include a definition of information security, the need for this field of study, ethical and legal issues, risk management and planning, and information security technology. The role of the U.S. Department of Homeland Security (DHS) in securing the cyberspace and the nation's information-related infrastructures will also be explored. *1 semester, ½ fully weighted elective credit+, grades 10-12: admission to OAA.*

~PLUS~

Spring Semester

CYBR 235 Computer and Network Technologies (3 college credits)

This course will introduce the student to the technology that underlies computers and communication networks, and the understanding of how computers operate; how users interact with computers; how computers store data; how computers communicate with other computers; the building blocks of communications networks; the Internet, and TCP/IP communications protocols and applications.

1 semester, ½ fully weighted elective credit+, grades 10-12: admission to OAA.

Driver Education

Students must be fifteen (15) years of age.

Students must obtain a learner's permit by the end of the 6th week of the semester. No exceptions will be made even with excused absences. Students who do not obtain a learner's permit by that time will be placed automatically in a modified study hall.

Students must pass the classroom phase to go to the driving phase. Students who fail the classroom phase of Driver Education will be placed in a modified study hall.

Information for the Traffic Laws and Substance Abuse Education (TLSAE) Course will be covered the first ten days of class. The TLSAE course test is given once. Students must score 70% or complete an outside agency TLSAE course.

The Road Rules and Road Sign tests are given twice. These are computer-based tests. If students do not score 70%, they must retake and pass the test at the Division of Motor Vehicle Office by the end of the 6th week of the semester. Driver Education includes 30 hours of classroom instruction using textbook material. There will be approximately six (6) hours of behind-the-wheel driving on the range.

Upon successful completion of the course, student will receive a certificate.

Driver Education Class/Lab 1900310A

(Semester One) *1 semester; ½ elective credit; grades 10-12; prerequisite: student must be 15 years of age and obtain a learner's permit before the 6th week of the semester; no exceptions will be made even with excused absences.*

Driver Education Class/Lab 1900310B

(Semester Two) *1 semester; ½ elective credit; grades 9-12; prerequisite: student must be 15 years of age and obtain a learner's permit before the 6th week of the semester; no exceptions will be made even with excused absences.*

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

English & Language Arts

English

The purpose of these courses is to provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, studying language, and studying literature.

English 1 1001310

1 year; 1 English 1 credit; grade 9; no prerequisite.

English 2 1001340

1 year; 1 English 2 credit; grade 10; prerequisite: completion of English 1.

English 3 / AICE General Paper 1001370

1 year; 1 English 3 credit+; grade 11; prerequisite: completion of English 2.

English 4 1001400

1 year; 1 English 4 credit; grade 12; prerequisite: completion of English 3.

Advanced Placement and Honors (Pre-AP) English

These courses promote academic excellence in English through enriched instruction and integrated educational experiences in the reading, writing, listening, viewing, speaking, language, and literature.

English 1 Honors (Pre-AP) 1001320

1 year; 1 weighted+ English 1 credit; grade 9; prerequisite: A/B in 8th grade English and/or instructor approval.

English 2 Honors (Pre-AP) / AICE General Paper 1001350

1 year; 1 weighted+ English 2 credit; grade 10; prerequisite: A/B/C in Pre-AP English 1 and/or instructor approval.

AP English Language and Composition / Innovations 1001425

The purpose of this course is to engage students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. 1 year; 1 weighted+ English credit; grade 11-12; recommended prerequisite: A/B/C in prior Pre-AP English course AND Level 3 or above on FSA/ELA Reading. College-bound seniors are encouraged to enroll provided they have an A or B in previous English classes.

AP English Literature and Composition 1001430

The purpose of this course is to study literature and practice writing in various rhetorical modes. Students will learn to use the modes of discourse and recognize the assumptions underlying various narrative and poetic strategies. 1 year; 1 weighted+ English credit; grade 12; prerequisite: Successful completion of AP English Language and Composition and Level 3 on FSA/ELA Reading.

English for English Language Learners (ELL)

ELL courses provide integrated educational experiences in the language arts strands of reading, writing, listening, viewing, speaking, language, and literature.

English 1 through ELL 1002300

1 year; 1 English 1 credit; grade 9; prerequisite: acceptance into the ELL program.

English 2 through ELL 1002310

1 year; 1 English 2 credit; grade 10; prerequisite: acceptance into the ELL program.

English 3 through ELL 1002320

1 year; 1 English 3 credit; grade 11; prerequisite: acceptance into the ELL program.

English 4 through ELL 1002520

1 year; 1 English 4 credit; grade 12; prerequisite: acceptance into the ELL program.

Developing Language through ELL 1002380

Students get academic assistance for their other classes from qualified personnel using ELL methods and strategies. 1 year; 1 elective credit; prerequisite: acceptance into the ELL program.

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

International Baccalaureate English Courses

These courses focus on advanced analysis of literature through the study of vocabulary and literary devices. Students write in a variety of modes, beginning with cogent paragraphs in the 9th grades and ending with the Extended Essay (4000 words) in the 12th grade. The Extended Essay will be coordinated with other subject areas. Students will read works from American and World Literature selections and work to prepare for FSA/ELA, ACT and SAT exams.

English 1 – CHS Pre-IB 1001800

1 year; 1 weighted* English 1 credit; grade 9;
prerequisite: admission to CHS Pre-IB Program.

English 2 – CHS Pre-IB / AICE General Paper 1001810

1 year; weighted* English 2 credit; 10th grade;
prerequisite: admission to CHS Pre-IB Program and successful completion of CHS PIB English 1.

English 3 – IB / AP English Language & Composition ENG0003

1 year; 1 weighted* English credit; grade 11;
prerequisite: admission to the IB Program and successful completion of English 2 – CHS PRE-IB or instructor approval.

English 4 – IB 1001830

1 year; 1 weighted* English credit; grade 12;
prerequisite: admission to the IB Program and successful completion of English 3 - IB /AP Language & Composition or instructor approval.

Theory of Knowledge 1 IB 0900800

This course examines the nature of scientific, religious and aesthetic knowledge from philosophical, psychological, sociological and

historical perspectives. Students produce one paper for external assessment and one oral presentation for internal assessment. Successful completion of this course is required for the IB Diploma. 1 semester; ½ weighted* elective credit; grade 11.

Theory of Knowledge 2 IB 0900810

This course continues from TOK 1 to examine the nature of scientific, religious and aesthetic knowledge from philosophical, psychological, sociological and historical perspectives. Students produce one paper for external assessment and one oral presentation for internal assessment. Successful completion of this course is required for the IB Diploma. 1 year; 1 weighted* elective credit; grade 12.

Journalism

Provides students with practical experiences in types of writing and design appropriate to publications, with opportunities to explore careers in mass communications, and with workshop experiences in journalistic productions. These classes produce the newspaper or yearbook.

Journalism 1 1006300

1 year; 1 fine arts or elective credit; grade 9;
prerequisite: instructor approval.

*Meets the Fine Arts Graduation Requirement

Journalism 2 1006310

1 year; 1 elective credit; grade 10; prerequisite:
instructor approval.

Journalism 3 1006320

1 year; 1 elective credit; grade 11; prerequisite:
instructor approval.

Journalism 4 1006330

1 year; 1 weighted* elective credit; grade 12;
prerequisite: instructor approval.

Experiential Education

Executive Internship 0500300

The purpose of this course is to provide a practical introduction to the work environment through direct contact with professionals in the community. The program requires great flexibility in the duration of the course and the number of contact hours. Offered 7th period only. Student performance standards are designed to meet the uniqueness of the course. 1 year; 1 elective credit; grades 11–12; prerequisite: instructor approval.

Externship for Gifted 7965030

Externship for the Gifted offers students an opportunity for supervised, individualized externships with professional or business persons in the community. Offered 7th period only. Students develop practical, intellectual and career skills by spending time with an adult mentor. 1 year; 1 weighted* elective credit; grades 11-12; prerequisite: Gifted EP and instructor approval.

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

Foreign Language

Through the study of foreign languages at CHS, students are encouraged to acquire proficiency by means of a linguistic, communicative, and cultural approach to language learning. Emphasis is placed on the development of listening, speaking, reading, and writing skills. Although Foreign Language is not a Florida High School Graduation Requirement, a minimum of two credits **in the same language** is required for Florida Bright Futures Academic and Medallion Scholars Awards and most university admissions.

French 1 0701320

Spanish 1 0708340

1 year; 1 elective credit; gr. 9-12; no prerequisite.

French 2 0701330

Spanish 2 0708350

1 year; 1 elective credit; prerequisite: Successful completion of French/Spanish 1.

French 3 Honors (IB French 3) 0701825

Spanish 3 Honors 0708360

1 year; 1 weighted elective credit; prerequisite: Successful completion of French/Spanish 2 and instructor approval.*

French 4 Honors (IB French 4) 0701830

Spanish 4 Honors 0708370

1 year; 1 weighted elective credit; prerequisite: Successful completion of French/Spanish 3 and instructor approval.*

AP Spanish Language 0708400

College level study of foreign language.

1 year; 1 weighted elective credit; grade 12; prerequisite: A/B Spanish 3 or instructor approval.*

International Baccalaureate Programme

Four years in the same language are required for the program culminating in comprehensive exams.

French 1 CHS Pre-IB / Pre-AP 0701800

Spanish 1 CHS Pre-IB /Pre-AP 0708800

1 year; 1 weighted IB or elective credit; grade 9; prerequisite: teacher recommendation.*

French 2 CHS Pre-IB / Pre-AP 0701810

Spanish 2 CHS Pre-IB / Pre-AP 0708810

1 year; 1 weighted IB or elective credit; grades 9-10; prerequisite: French/Spanish 1 CHS Pre-IB.*

French 3 IB 0701825

Spanish 3 IB 0708825

1 year; 1 weighted elective credit; grades 10- 11; prerequisite: French/Spanish 2 CHS Pre-IB.*

French 4 IB 0701830

Spanish 4 IB 0708830

1 year; 1 weighted elective credit; grades 11- 12; prerequisite: French/Spanish 3 IB.*

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

Leadership Education

Community service is a component of the Leadership Program. Some activities may occur outside the school day. Students must be willing to lead others and conduct themselves as respectful role models.

Leadership Skills Development (Year 1) 2400300

The purpose of this course is to teach leadership skills to aspiring 9th grade student leaders. It will provide an in-depth study of the definition of leadership, the styles of leadership, civic responsibility, goal setting, team building, decision making, problem solving, group dynamics, public speaking, time management, and other group processes. Students will begin a resume and begin to understand the college application process. *1 year; 1 elective credit; grade 9; prerequisite: C average in 8th grade coursework.*

Leadership Techniques (Year 2) 2400310

The purpose of this course is to teach leadership skills, parliamentary procedure, problem solving, decision making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes to aspiring leaders. Students will develop resumes and write college application essays. Scholarship opportunities are provided. *1 year; 1 elective credit; grade 10; Prerequisite: minimum 2.5 weighted GPA and a C average in Leadership 1.*

Link Crew

Link Crew Peer Mentoring Class Leadership Strategies (1st year in LC) 2400320

Approaches to Leadership (2nd year in LC) 2400330

Link Crew Peer Mentoring Class is a yearlong weighted elective course designed to make the freshman transition to high school positive and successful. Junior and senior students will learn leadership and communication skills to welcome freshmen and make them feel comfortable, and mentor them throughout the first year of their high school experience. It is built on the belief that

students can help students succeed. Link Crew Mentors will create resumes and portfolios and they will complete college and scholarship applications. Many community service hours are available throughout the year. The students must be willing to lead others, be a positive role model, dedicated, self-confident and enthusiastic.

Each Course:

1 year; 1 weighted elective credit; grades 11-12; prerequisite: Involved in at least 1 extra-curricular activity, but not over committed, be able to attend training the week before school starts – dates TBA, teacher recommendation and application required*

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

Mathematics

Four math credits are required for graduation. Math courses must be taken in a certain progression. Your current math instructor will help you choose the correct course to take next.

Graduation requirements require students to take certain courses and, in many cases take/pass state mandated end-of-course (EOC) exams. Within the Mathematics curriculum these requirements pertain to Algebra 1 (& Honors), Geometry (& Honors) and Algebra 2 (& Honors). Please refer to page 22 of this catalog for specific graduation requirements.

Algebra

These courses develop the algebraic concepts and processes that can be used to solve a variety of real-world and mathematical problems.

Algebra 1 A 1200370

This is the first half of Algebra 1 standards that are split into two years of math instruction. *1 year; 1 math credit; grade 9; prerequisite: Level 1 on 8th grade Math FSA.*

Algebra 1 B 1200380

This is the second half of Algebra 1 standards that are split into two years of math instruction. *1 year; 1 math credit; grade 9; prerequisite: Algebra 1 A.* This course culminates in a state mandated End-of-Course (EOC) Exam.

Algebra 1 1200310

1 year; 1 math credit; grade 9; prerequisite: Adv. 8th grade math or instructor approval. This course culminates in a state mandated End-of-Course (EOC) Exam.

Algebra 1 Honors 1200320

1 year; 1 weighted math credit; grade 9; prerequisite: grade of A or B in Adv. 8th grade math.* This course culminates in a state mandated End-of-Course (EOC) Exam.

Algebra 2 1200330

1 year; 1 math credit; grade 9-11; prerequisites: Algebra I and Geometry. This course culminates in a state mandated End-of-Course (EOC) Exam.

Algebra 2 Honors 1200340

1 year; 1 weighted math credit; grade 9-11; prerequisite: A/B in Algebra Honors (or IB student); Geometry Honors.* This course culminates in a state mandated End-of-Course (EOC) Exam.

Math for College Readiness 1200700

The purpose of this course is to strengthen the skill level of high school seniors who have completed Algebra 1, 2 and Geometry and who wish to pursue credit generating mathematics

courses at the college level. *1 year; 1 math credit; grade 12; prerequisite: Algebra 2; for students with scores in the following ranges: ACT 19-20, SAT 440-499 or PERT 113-122.*

Liberal Arts Math 1 1208300

Career Prep. Designed for students who are preparing to retake the state mandated Algebra 1 EOC. *1 year; 1 math credit; grades 10, 11, 12; prerequisite: Algebra 1 (1A/1B).*

See NOTE.

Liberal Arts Math 2 1208310

Career Prep. *1 year; 1 math credit; grade 12; prerequisite: Geometry. See NOTE.*

NOTE: Liberal Arts Math 1 and Liberal Arts Math 2 are not considered to be at the Algebra I level or above. Since these courses have not been identified as college preparatory courses by the State University System, they may not be used to meet the mathematics requirement for the Florida Academic and Medallion Scholars Bright Futures Awards. However, these courses may be used to meet the mathematics requirement for the Gold Seal Vocational Scholars Award.

Geometry

The purpose of these courses is to develop the geometric relationships and deductive strategies that can be used to solve a variety of real world and mathematical problems.

Geometry 1206310

1 year; 1 math credit; grade 9-10; prerequisite: Algebra I or Algebra 1A&1B. This course culminates in a state mandated End-of-Course (EOC) Exam.

Geometry Honors / CHS Pre-IB 1206320

1 year; 1 weighted math credit; grade 9-10; prerequisite: A, B or C in Algebra I Honors (or A/B in Algebra 1 with teacher recommendation) or enrollment in the IB Program.* This course culminates in a state mandated End-of-Course (EOC) Exam.

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

Calculus Prep Courses

The purpose of these courses is to develop and supplement the understanding of advanced topics below the level of calculus.

Trigonometry/Analysis of Functions MTH0001
1 weighted math credit; grade 11-12; prerequisite: A/B/C in Algebra 2.*

Pre-Calculus 1202340

The purpose of this course is to develop skills and concepts in advanced algebra, trigonometry, and analysis of functions. Topics covered include the study of conic sections, functions, vectors, and limits. Pre-calculus provides rigorous preparation for AP Calculus. *1 year; 1 weighted* math credit; grades 11-12; prerequisite: Algebra 2 Honors or Trigonometry/Analysis of Functions.*

Calculus

In these courses, students study algebraic and transcendental functions and the general theory and techniques of calculus.

AP Calculus AB 1202310

Calculus AB is a course in single-variable calculus that includes techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus. Algebraic, numerical, and graphical representations are emphasized throughout the course. College level course with AP test at end of year. *1 year; 1 weighted* math credit; grade 11-12; prerequisite: Pre-Calculus or A or B (C with teacher recommendation) in Trig/Analysis of Functions.*

AP Calculus BC 1202320

The purpose of this course is to provide an extensive study of the general theory and techniques of calculus. *1 year; 1 weighted* math credit; grade 12; prerequisite: AP Calculus AB.*

Dual Enrollment

Dual Enrollment Math MTH0002

Dual Enrollment College Algebra (MAC1105) 3 State of Florida College Credit Hours

A function-based college algebra course taught with non-symbolic graphing calculators. The TI-83/84 series is recommended. *1 semester; 1 weighted* math credit; grades 10 – 12; prerequisite: Algebra 2 and one of the following math placement test scores: ACT \geq 21; SAT \geq 500; PERT 123-150.*

~ PLUS ~

Dual Enrollment Statistics (STA2023)

3 State of Florida College Credit Hours

This course provides a general introduction to understanding and applying statistical terms and concepts. Non-symbolic calculators are required. The TI-83/84 series is recommended. *1 semester; 1 weighted* math credit; grades 10- 12; prerequisites: Algebra 2 and one of the following math placement test scores: ACT \geq 21; SAT \geq 500; PERT 123-150.*

IB Math

IB Math is taught as a two-year track.

Students will be assigned to the appropriate IB Math Track by their Algebra 2 CHS PIB grades.

Math Studies SL

This IB Math Track is equivalent in status to Mathematics SL but addresses different needs. It has an emphasis on application of mathematics, and the largest section is on statistical techniques. It is designed for students with varied mathematical backgrounds and abilities. Students taking this course are well prepared for a career in social sciences, humanities, languages or arts.

IB Math Studies (IB Pre-Calculus A) (Yr. 1) 1209800

1 year; 1 weighted math credit; grades 10- 11; prerequisite: Algebra 2 CHS PIB.*

IB Statistics & Intro to Differential Calculus (Math Studies SL) (Yr. 2) 1210310

1 year; 1 weighted math credit; grades 11-12; prerequisite: IB student in Math Studies.*

Mathematics SL

This IB Math Track caters to students who already possess knowledge of basic mathematical concepts, and who are equipped with the skills needed to apply simple mathematical techniques correctly. The majority of these students will expect to need a sound mathematical background as they prepare for future studies in subjects such as chemistry, economics, psychology and business administration.

IB Pre-Calculus (IB Pre-Calculus B) (Yr. 1) 1202375

1 year; 1 weighted math credit; grades 10- 11; prerequisite: Algebra 2 CHS PIB.*

IB Calculus & Descriptive Statistics (IB Mathematics SL) (Yr. 2) 1202810

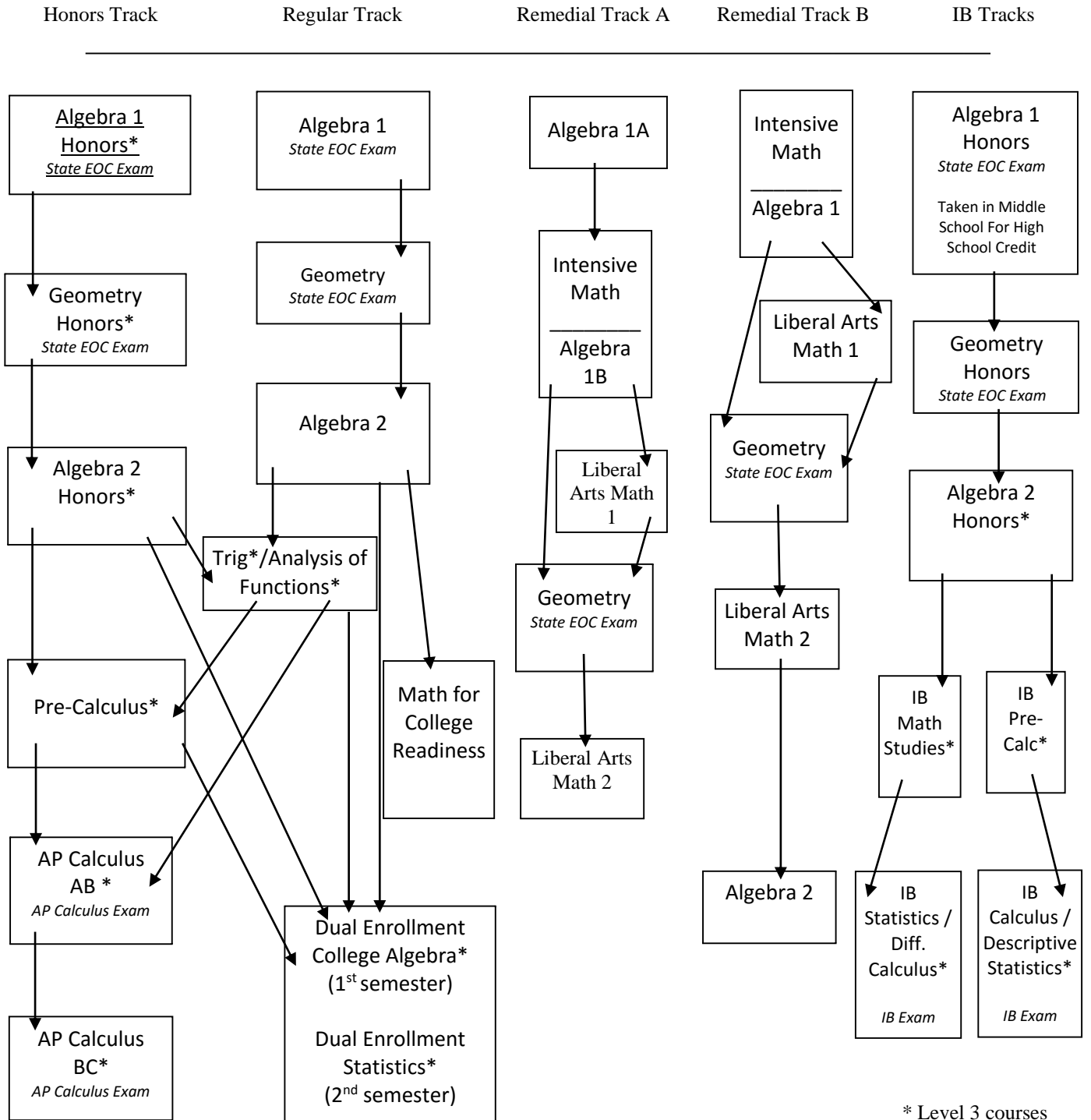
1 year; 1 weighted math credit; grades 11-12; prerequisite: IB student in Mathematics SL.*

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

Choctawhatchee High School

Math Tracking Options

This flowchart maps the course for “typical” students in each track.



*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

Media/Television Production

Social Media 1 1006375

Want to learn more about social media? Already a social media guru? No matter how much experience you have with various social media platforms (Facebook, Twitter, Pinterest, Snapchat, Vine, etc), this class is a great way to develop fundamental skills in the use of social media across print, multimedia, web and broadcast platforms, including ethical and legal uses. 1 semester; ½ elective credit; grades 9-12; no prerequisite.

Broadcast Journalism 1 1006300 (WBGI)

The first year of WBGI covers the basics of Television Production. Students will participate in filming a show daily, produce features for the shows and cover other live events such as football games and school pageants. Students who are enrolled in this class must maintain good grades and attendance and have no disciplinary issues. 1 year; 1 performing/fine arts or elective credit; grades 9-12; prerequisite: instructor approval. Meets Fine Arts Graduation Requirement.

Broadcast Journalism 4, 5, 6, 7 (WBGI)

The purpose of these courses is to enable students to perform advanced work in the production of journalism across print, multimedia, web, and broadcasts/radio platforms and to develop extended knowledge of journalism history, ethics use, and management techniques related to the production of journalistic media. School and professional publication efforts are expected. 1 year; 1 performing/fine arts or elective credit; grades 10-12; prerequisite: Broadcast Journalism 1 or prior level of Broadcast Journalism (4, 5, 6,) and instructor approval.

1 year; 1 weighted* elective credit; grades 10-12; prerequisite: Broadcast Journalism 3 and instructor approval.

Meets Online Graduation Requirement.

Journalism 4 1006330

Journalism 5 Hon 1006331

Journalism 6 Hon 1006332

Journalism 7 Hon 1006333

Manufacturing @ NWFSC

First Year:

9200210 Advanced Manufacturing Technology 1 Honors

9200220 Advanced Manufacturing Technology 2 Honors

8000110 Pre-Apprenticeship 1 Honors*

Second Year:

9200230 Advanced Manufacturing Technology 3 Honors

9200240 Advanced Manufacturing Technology 4 AP Weighted Credit

8000120 Pre-Apprenticeship 2 Honors*

Third Year:

9200250 Advanced Manufacturing Technology Capstone AP Weighted Credit

8600540 Production Technology 1 Honors

8000130 Pre-Apprenticeship 3 Honors*

Fourth Year:

8600640 Production Technology 2 Honors

8601740 Production Technology 3 Honors

8000140 Pre-Apprenticeship 4 Honors*

This program is to design and create products using 3-D printers which will prepare students for entry directly to both industry and



iDesign

university. It offers a hands-on approach to education using project-based learning that is thought provoking and challenging. iDesign is an advanced technical manufacturing program that serves as a stepping stone to rigorous degree programs such as Mechanical Engineering or as a direct link to a high-demand, high-wage profession right after high school. During this **three-period block**, students will gain the skills to program and

SolidWorks

CERTIFIED ASSOCIATE

operate state-of-the-art equipment in a lab setting.

Industry certifications in both SolidWorks and MSSC-CPT

(Manufacturing Standard Skills Council-Certified Production Technician) can earn students up to 15 college credits. **The iDesign Lab is located at the Northwest Florida State College campus in Niceville. Transportation is provided from your home high school.** (Go to <https://youtu.be/oEx5lmbCKtY> to see just one life-changing application of 3D Printing.)

1 year; 1 unweighted elective credit plus 2 weighted* (4.5) elective credits.

Meets Online Graduation Requirement.

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

Music

Band

The purpose of these courses is to provide students with instruction in the development of technical skills on wind and percussion instruments. Emphasis will be placed on the development of skills in interpretation of notation and expressive performance markings, individual and ensemble performance techniques, and critical listening skills and aesthetic values. *1 year; 1 performing/fine arts or elective credit (Honors credit will be awarded to those who complete the Honors requirements – see instructors for requirements); prerequisite: audition required; co-requisite: participation in the Style Marchers. Percussion 1-4 co-requisite: participation in the Style Marchers and concert ensembles (participation in Concert and Symphonic class not required).*

Concert 1	BAND001
Concert 2	BAND002
Concert 3	BAND003
Concert 4	BAND004
Symphonic 1	BAND006
Symphonic 2	BAND007
Symphonic 3	BAND008
Symphonic 4	BAND009
Percussion 1	BAND011
Percussion 2	BAND012
Percussion 3	BAND013
Percussion 4	BAND014

The purpose of these courses is to develop musical independence through a knowledge of styles and performance techniques of varied contemporary and jazz literature. *1 year; 1 performing/fine arts or elective credit (Honors credit will be awarded to those who complete the Honors requirements – see instructors for requirements); prerequisite: audition required; co-requisite: participation in the Style Marchers and a basic band class or Dance Techniques class.*

Jazz Ensemble 1	1302500
Jazz Ensemble 2	1302510
Jazz Ensemble 3	1302120
Jazz Ensemble 4	1302530

The purpose of this course is to provide students with knowledge and skills in various dance styles through acquisition of technique, choreographic process, aesthetic awareness, and performance quality. *1 year; 1 performing/fine arts or elective credit; prerequisite: audition required for each semester; co-requisite: participation in the Style Marchers and the winter guard.*

Dance Techniques 1	1305300
Dance Techniques 2	1305310
Dance Techniques 3	1305320
Dance Techniques 4	1305330

Keyboard 1 1301360

Students will build fundamental piano techniques while learning to read music, acquire and apply knowledge of basic music theory, and explore the role of keyboard music in history and culture. *1 year; 1 fine arts credit; grades 9-12; no prerequisite.*

Keyboard 2 1301370

1 year; 1 fine arts credit; grades 10-12; prerequisite Keyboard 1.

Vocal Music

Promotes the enjoyment and appreciation of music through performance of choral music from a variety of times and places. Rehearsals focus on development of critical listening skills; foundational piano skills; music literacy and ensemble skills; and aesthetic musical awareness culminating in several public performances. *Grades 9 – 12; no prerequisite.*

Chorus 1	1303300
Chorus 2	1303310
Chorus 3	1303320
Chorus 4	1303330
Chorus 5 Honors	1303340

Weighted credit is available. See Director for Req. The purpose of these courses is to develop creativity and refine performance techniques in vocal ensembles through the study of broadly varied and appropriate choral literature. This group is widely known as Choctaw Madrigals.

Grades 10 – 12; prerequisite: audition required.

Vocal Ensembles 1	1303440
Vocal Ensembles 2	1303450
Vocal Ensembles 3	1303460
Chorus 5 Honors	1303340
Chorus 6 Honors	1303350

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

Physical Education

Graduation requirements include one P.E. credit to include one-half credit of Personal Fitness with the integration of Health. In some cases, the other one-half credit of P.E. may be fulfilled by certain ROTC or marching band credits or by another semester course listed below. Consult your School Counselor for more information.

Personal Fitness 1501300

Students taking this course will (a) learn physical fitness concepts (b) learn about a healthy and physically fit lifestyle; and (c) improve their level of level of fitness. *1 semester; ½ Personal Fitness credit; grade 9-12; no prerequisite.*

Sports Management Trainer 1501380

Students taking this course will learn about a healthy and physically fit lifestyle and concepts of sports management and training. Content will include topics related to health, physiology, safety, fitness program development and equipment and facility maintenance. Students will demonstrate appropriate etiquette, care of equipment, respect for facilities and safe behaviors while participating in a variety of physical activities that promote the health-related components of fitness. *1 year; 1 PE credit; grade 9-12; no prerequisite.*

Aerobic Dance/Group Fitness

This class combines cardio dance workouts with boot camp type workouts. Various music (hip hop, pop, Latin based) is used to enhance the workout experience and create a fun atmosphere for fitness gain.

Beginning Aerobics 1503400

½ P.E. credit; grades 9-12; no prerequisite.

Intermediate Aerobics 1503410

½ P.E. credit; grades 9-12; prerequisite: Beginning Aerobics.

Advanced Aerobics 1503420

½ P.E. credit; grades 10-12; prerequisite: Intermediate Aerobics.

Fitness Lifestyle Design 1501310

½ P.E. credit; grades 10-12; prerequisite: Advanced Aerobics.

Weight Training

In these courses, students (a) acquire basic knowledge and skills in weight training, (b) improve muscular strength and endurance, and (c) begin to enhance body image.

Beginning Weight Training 1501340

½ P.E. credit; grades 9-12; no prerequisite.

Intermediate Weight Training 1501350

½ P.E. credit; grades 9-12; prerequisite: Beginning Weight Training.

Advanced Weight Training 1501360

½ P.E. credit; grades 10-12; prerequisite: Intermediate Weight Training.

Power Weightlifting 1501410

½ P.E. credit; grades 10-12; prerequisite: Advanced Weight Training.

Sports Courses

Team Sports (Various) 1503350

½ P.E. credit; grades 9-12; no prerequisite.

Basketball 1503310

½ P.E. credit; grades 9-12; no prerequisite.

Team Sports 2 (Basketball 2) 1503360

½ P.E. credit; grades 9-12; prerequisite Basketball.

Varsity Athletics

9th grade, JV or Varsity Sports require coach's approval. Students should ask for the coach's advice regarding which course numbers are appropriate for their sport.

1st semester Sports: PE00001

2nd semester Sports: PE00002

This is a skills class specific to the student's competitive sport. Please check with your coach to see if this class is available for your team. *½ P.E. credit; grades 9-12; prerequisite: recommendation by coach.*

Strength & Conditioning for Competitive Athletes

1st semester: PE00003

2nd semester: PE00004

The purpose of this class is for all competitive athletes, both male and female, to develop strength, speed, quickness, agility and power, to improve themselves in their sport(s). This class is **highly recommended** for every semester of a competitive athlete's high school career. *½ P.E. credit; grades 9-12; prerequisite: participation in the Choctawhatchee Athletic Program.*

New beginning during the 2017-2018 School Year, students who participate in varsity athletics who make a JV or Varsity team and remain on the roster for the entirety of the season for two sports seasons, will be able to satisfy the Personal Fitness and PE graduation credit requirement. Two sports seasons may be completed at any point during a student's 4-year tenure to include completing two seasons during the same year.

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

Science

These courses provide exploratory experiences and laboratories and real-life applications in the biological sciences. Three credits are required for graduation.

Biological Sciences

Biology 1 2000310

1 year; 1 science credit; grades 9-12; prerequisite: instructor approval. This course culminates in a state mandated End-of-Course (EOC) Exam.

Biology 1 Honors (Pre-AP) 2000320

1 year; 1 weighted+ science credit; grade 9; prerequisite: instructor approval. This course culminates in a state mandated End-of-Course (EOC) Exam.

Biology 1 CHS Pre-IB 2000800

1 year; 1 weighted+ science credit; grade 9; prerequisite: instructor approval. This course culminates in a state mandated End-of-Course (EOC) Exam.

Anatomy and Physiology 2000350

1 year; 1 science credit; grades 11-12; prerequisite: Successful completion of Biology 1.

Anatomy and Physiology Honors 2000360

1 year; 1 weighted+ science credit; grades 11-12; prerequisite: A/B in Biology I and Chemistry I, or A/B/C in Biology I Pre-AP and Chemistry I Pre-AP.

AP Biology 2000340

This course is designed to enable students to develop advanced inquiry and reasoning skills such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts across domains. The key concepts covered focus on the big ideas of evolution, cellular processes, genetic and information transfer and interactions. 1 year; 1 weighted+ science credit; grades 11-12; prerequisite: Successful completion of Biology 1 Pre-AP/IB and Chemistry 1 Pre AP/IB.

Biology - International Baccalaureate

Students learn facts, principles and processes of biology. These courses also include the collection and interpretation of data and formulation of hypotheses from available data.

IB Biology 2 (AP Biology) 2000340

IB Biology 3 2000820

2 years; 2 weighted+ science credits; grade 11-12; prerequisite: admission to the IB Program, CHS Pre-IB Biology and CHS Pre-IB Chemistry.

Marine Science Honors 2002510

Provides an overview of the marine environment. 1 year; 1 weighted+ science credit; grades 11-12; prerequisite: Successful completion of Biology 1 and Chemistry 1 and instructor approval.

AP Environmental Science 2001380

Provides students with scientific principles, concepts and methodologies required to understand the interrelationships of the natural world. 1 year; 1 weighted+ science credit; grades 10-12; prerequisite: Successful completion of Biology 1 Pre-AP/IB and Chemistry 1 Pre AP/IB.

Physical Sciences

These courses provide opportunities to study the concepts, theories, and laws governing the interaction of matter, energy, and forces, and their applications through exploratory investigations and activities.

Physical Science 2003310

The purpose of the course is to provide the opportunity to study the concepts of matter, energy and forces, and their applications through exploratory investigations and activities. 1 year; 1 science credit; grades 10-12; prerequisite: Biology 1.

Earth Space Science 2001310

The purpose of the course is to develop and apply concepts basic to the earth, its materials, processes, history and environment in space. 1 year; 1 science credit; grades 11-12; prerequisite: Physical Science.

Chemistry 1 2003340

1 year; 1 Science credit; grades 10-12; prerequisite: Successful completion of Algebra 1.

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

Chemistry 1 Honors (Pre-AP/CHS Pre-IB) 2003800

Presents Chemistry topics in an accelerated mode. 1 year; 1 weighted* science credit; grade 10; prerequisite: A/B in Biology 1 Pre-AP/CHS Pre-IB and A/B in Algebra 1.

AP Chemistry 2003370

The purpose of this course is to study the development and application of chemistry principles and concepts. Students cultivate their understanding of chemistry through inquire based investigations.

1 year; 1 weighted* science credit; grades 11- 12; prerequisite: A/B in Chemistry I Pre AP/Pre IB, A/B in Algebra 2 Honors or instructor approval.

Physics 1 2003380

1 year; 1 Science credit; grades 11-12; prerequisite: Chemistry 1 and instructor approval.

Physics 1 Honors 2003840

1 year; 1 weighted* science credit; grades 11-12; prerequisite: A/B in Chemistry 1, or

Chemistry 1 Pre-AP, and A/B in Trigonometry or be taking Trigonometry concurrently with Physics 1 Honors.

AP Physics 1 2003421

This course continues and expand the study of physical concepts introduced in earlier Physics courses, and introduces new topics.

1 year; 1 weighted* science credit; grades 11-12; prerequisite: A/B in Physics I Honors and Trigonometry.

Physics - International Baccalaureate

The purpose of these courses is to provide an in-depth quantitative study of the development and application of Physics Principles.

**IB Physics 1 / AP Physics 1 2003421
IB Physics 2 2003845**

2 years; 2 weighted* science credits; grades 11-12; prerequisite: Admission to the IB program and A/B in Physics 1 Honors and currently be enrolled in IB Pre-Calculus.

Science 3 credits required for graduation				
Grade	General Career Prep	General College Prep	Honors/Advanced Placement	International Baccalaureate
9 th	Biology 1	Biology 1	Biology 1 Pre-AP	CHS PIB Biology 1
10 th	Physical Science	Chemistry 1	Chemistry 1 Pre-AP	CHS PIB Chemistry 1 Physics 1 Honors
11 th	Earth Space Science Chemistry 1 Anatomy & Physiology Anatomy & Physiology Hon Marine Biology Honors	Physics 1 Earth Space Science Marine Biology Honors	Physics 1 Honors Anatomy & Physiology Honors Marine Biology Honors	IB Biology 2 / AP Biology IB Physics 1 / AP Physics 1
12 th		Anatomy & Physiology Honors	AP Biology AP Environmental Science AP Chemistry AP Physics	IB Biology 3 (SL or HL) IB Physics 2 (SL)

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

Social Studies

World Cultural Geography 2103300

Students develop multicultural understanding and use geographical concepts and skills to acquire information and systematically apply decision-making processes to real-life situations. They will acquire an understanding of interrelationships between people and their environment.

1 year; 1 World Geography credit; grade 9.

Advanced Placement Human Geography 2103400

A college level course with test at end of year to earn AP college credit. The purpose of this course is to introduce students to the systematic study of patterns and processes that have shaped human understanding and the use and alteration of Earth's surface. This course is considered a 9th grade social studies class, but is available as a fully weighted option at any grade level. *1 year; 1 weighted* World Geography credit; grades 9-12; prerequisite: instructor recommendation.*

AP World History (CHS Pre-IB) SOC0001

This course assists students in developing greater understanding of the evolution of global processes and contacts in interaction with different types of human societies. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course builds on an understanding of cultural, institutional, and technological precedents. Periodization forms an ongoing principle for the course. *1 year; 1 weighted* World History credit; grade 9; prerequisite: enrollment in the IB program.*

World History 2109310

This course helps students understand their connections to the development of civilizations by examining the past to prepare for their future as participating members of a global community. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social, and employment settings. *1 year; 1 World History credit; grade 10.*

Advanced Placement World History 2109420

A college level course with test at end of year to

earn AP college credit. The course assists students in developing greater understanding of the evolution of global processes and contacts in interaction with different types of human societies. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. The course builds on an understanding of cultural, institutional, and technological precedents. Periodization forms an ongoing principle for the course. Specific themes provide further organization to the course. *1 year; 1 weighted* World History credit; grade 10; prerequisite: A/B in World Geography.*

Advanced Placement

European History (CHS Pre-IB) 2109380

Students understand the development of Europe from 1450 to present within the context of history by examining connections to the past in order to prepare for the future as participating members of a global community. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings. The content will include content specified by the Advanced Placement Program *1 year; 1 weighted* Social Studies credit; grade 10; prerequisite: Enrollment in the IB program and completion of AP World History.*

US History 2100310

This course enables students to understand the development of the United States within the context of history with a major focus on the post-Reconstruction period. Students will use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures, and humanities to solve problems in academic, civic, social, and employment settings. *1 year; 1 US History credit; grade 11.* This course culminates in a state mandated End-of-Course (EOC) Exam.

IB/AP US History SOC0003

See course description for Advanced Placement US History. *1 year; 1 weighted* US History credit; grade 11; prerequisite: Admission to the IB Programme.*

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

Advanced Placement US History 2100330

Students will understand the development of the United States within the context of history by examining connections to the past to prepare for the future as participating members of a democratic society. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings. *1 year; 1 weighted+ US History credit; grade 11; prerequisite: A/B in AP World History, English 2 Pre-AP, AP European History or instructor recommendation.*

US Government 2106310

This course is designed to provide students an understanding of US government and politics that is essential for effective citizenship and involvement in a democratic US society. *1 semester; ½ Government credit; grade 12.*

SOC0004 (POS 1041)**American Government, Dual Enrollment
3 Credit Hours**

This course examines government, political ideals and institutions. Strong emphasis is placed on political thought, the origin of the American federal system, and the distribution of powers between state and national governments. This is a Gordon Rule writing course. This course meets the graduation requirement. *1 semester; ½ weighted social studies credit; grade 12; Concordant placement test score prerequisites: Reading/English: ACT-18/17; SAT-440/440; or PERT-104/99 and successful completion of AP US History.*

Economics w/ Financial Literacy 2102335

This course will provide students with the knowledge and decision-making tools necessary for understanding how society organizes its limited resources to satisfy its wants. Students will gain understanding of choices they must make as producers, consumers, investors, and taxpayers. Course includes a financial literacy component. *1 semester; ½ Economics credit; grade 12.*

AP Economics W/Excel SOC0012

This rigorous, college-level course will explore the foundational concepts of both microeconomics and macroeconomics. Students will learn to use graphs, charts and data to analyze, describe and explain economic concepts. The course directly incorporates the use of Microsoft Excel and offers the opportunity to earn two college credits and

Microsoft Excel certification. Students will gain a thorough knowledge and understanding of economic principles that apply to the functions of individual economic decision-makers and to an economic system as a whole. Topics include the study of national income and price determination, the operation of product and factor markets, distribution of income, economic growth, market failure, and international economics. Emphasis is on graphical, statistical and written analysis of concepts and theories. The two parts of the course are complimentary; one helps you learn the other, making it easier to pass both AP Exams than it is to pass either individual exam. *1 year; 1 weighted+ Economics credit; grade 12; prerequisite: Algebra 2, AP US History and Level 4/5 FSA/ELA.*

IB Contemporary History 2100800

Students understand the development of the nations of the Western Hemisphere within the context of history by examining connections to the past to prepare for the future as participating members of a democratic society. Students use knowledge pertaining to history, geography, economics, political processes, religion, ethics, diverse cultures and humanities to solve problems in academic, civic, social and employment settings. *1 year; 1 weighted+ Social Studies credit; grade 12; prerequisite: Enrollment in the IB program.*

AP Psychology 2107350

The purpose of the AP course in Psychology is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Includes psychological facts, principles and phenomena associated with each of the major subfields within psychology, and the ethics and methods psychologists use in their science and practice. *1 year; 1 weighted+ Social Studies credit; grade 11-12.*

Philosophy IB (SL) 2105860

Students will acquire the ability to critically and systematically analyze topics including, but not limited to, the nature of human existence and the philosophical groundwork of epistemology. Students will be able to formulate clear and effective arguments based on sound, independent reasoning. Includes the study and critical analysis of both philosophical and non-philosophical texts and engagement of these texts, along with independent thinking, in classroom discussion. *1 year; 1 weighted+ Social Studies credit; grade 11-12; prerequisite: admission to the IB Program.*

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

African American History 2100335

This course covers the chronological development of African-Americans by examining the political, economic, social, religious, military and cultural events that affected the cultural group. Content will include, but is not limited to, West African heritage, the Middle Passage and Triangular Trade, the African Diaspora, significant turning points and trends in the development of African-American culture and institutions, enslavement and emancipation, the Abolition, Black Nationalist, and Civil Rights movements, major historical figures and events in African-American history, and contemporary African-American affairs. *1 semester; ½ Social Studies credit; grades 9-12; no prerequisite.*

Women's Studies 2104600

The primary content emphasis for this course pertains to the study of the historical development of women in various cultures, the role of women in shaping history, and of contemporary issues that impact the lives of women. *1 semester; ½ Social Studies credit; grades 9-12; no prerequisite.*

Psychology 2107300

Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavior interaction and the progressive development of individuals. This will better prepare them to understand their own behavior and the behavior of others. *1 semester; ½ elective credit.*

Comparative World Religions 2105310

This course focuses on the basic element, historical development, and ultimately, the cultural and social influence of the world's major religions. Students will study Buddhism, Taoism, Hinduism, Judaism, Christianity, Islam, and if time permits, various minor but significant religious groups that have influenced the world. They will understand the importance that religion, past and present, has played in culture, society, relationships between individuals, relationships between countries, as well as other social institutions. *1 semester; ½ elective credit; grade 11-12; no prerequisite.*

Social Studies			
4 credits recommended for graduation, to include World History, US History, American Government (1/2) and Economics (1/2)			
Grade	General Preparation	Honors / Advanced Placement	International Baccalaureate
9th	World Geography	AP Human Geography	AP World History (CHS PIB)
10th	World History	AP World History	AP European History (CHS PIB)
11th	US History	AP US History	AP US History (IB)
12th	American Government PLUS Economics	Dual Enrollment American Government (sem) PLUS AP Economics w/Excel	IB Contemporary History

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

Theater/Performing Arts

Choctaw's Drama Department features two distinct tracks: Theatre Production and Performance as well as Improvisation. Students should select the track that best suits their interests and talents.

Theatre Improvisation

Learn the art of improvisation and the unique acting techniques/skills/dedication necessary to be a successful performer. Students will be required to demonstrate their knowledge of improvisation through in class performances and a public improvisation performance.

Theatre Improvisation 0400620

1 year; 1 performing/fine arts or elective credit.

Acting 2 (Improv Focus) 0400380

1 year; 1 performing/fine arts or elective credit; prerequisite: instructor approval.

Acting 3 (Improv Focus) 0400390

1 year; 1 performing/fine arts or elective credit; prerequisite: instructor approval.

Acting 4 Honors (Improv Focus) 0400400

1 year; 1 performing/fine arts or elective credit; prerequisite: instructor approval.

Theatre Production and Performance

Students will experience hands-on practical experience with theatre in all its forms, including, but not limited to, theatre history, theatrical costume and make-up design, set construction and design, production collaboration, and acting methods.

Theatre 1 0400310

1 year; 1 performing/fine arts or elective credit.

Theatre 2 0400320

1 year; 1 performing/fine arts or elective credit; prerequisite: instructor approval.

Theatre 3 Honors 0400330

1 year; 1 weighted performing/fine arts or elective credit; prerequisite: instructor approval.*

Expectation of participation in various State Theatrical Competitions and school productions.

Theatre 4 Honors 0400340

1 year; 1 weighted performing/fine arts or elective credit; prerequisite: instructor approval.*

Expectation of participation in various State Theatrical Competitions and school productions.

This Registration guide includes scheduling policies, required courses and credits, and a brief description of each course offered at Choctawhatchee High School.

The importance of student-parent collaboration in the scheduling process cannot be overstated. We encourage students to solicit help from their counselor in planning schedules. Also, individual SPEAR advisors can answer registration questions, and subject area instructors can answer specific inquiries about core classes and electives.

Planning ahead is critical and should extend to more than the succeeding semester. Meeting basic requirements is essential. However, the student is encouraged to look beyond that — to what is desired from education, to personal interests, and to future educational and vocational goals.

The student who finds success and contentment later in life is one who develops into a “whole”, well-rounded person. Exploration of new classes and participation in school activities contribute toward that development.

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

Take an interest in the future – IT'S YOURS!

Use this guide to help you create a solid academic portfolio.

Your course schedule may seem like a random selection of classes to you, but college admission officers and even potential employers see it as a blueprint of your high school education. They are looking for a solid foundation of learning that you can build on in higher education and in the workforce of today. Take the most rigorous selections in which you can be successful, especially in your areas of strength.

English / Language Arts

You must take English every year. Traditional courses in American and English literature help you to improve your writing skills, reading comprehension and vocabulary.

Mathematics

In college math classes and in most careers, you'll need algebra and geometry. Both are required in the State of Florida for High School Graduation and completing them early will enable you to enroll in advanced science and math classes in high school. College admission counselors will see that you are ready for higher-level work.

Science

Science teaches you to think analytically and apply theories to observations of the natural world. Laboratory classes let you test what you've learned through hands-on work. Three credits are required for graduation: Biology; Chemistry or Physics and an equally rigorous science. Colleges like to see a fourth science credit as evidence that you are willing to challenge yourself.

Social Studies

Understand local and world events that are happening now by studying the culture and history that have shaped them. Social sciences round out your core curriculum. One credit each in World and US History and ½ credit each in

Economics and US Government are required in Florida for High School graduation.

Foreign Languages

Solid foreign language study shows colleges that you are willing to stretch beyond the basics. Many colleges require at least two years of foreign language study for admission and some prefer more.

The Arts

Research indicates that students who participate in the arts often do better in school and on standardized tests. The arts help you recognize patterns, discern differences and similarities, and exercise your mind in unique ways, often outside of a traditional classroom setting.

Computer Courses

More and more college courses and jobs require at least a basic knowledge of computers. Computer skills also can help you do research and schoolwork better and faster.

Physical Education / Sports

Once they have determined that a particular student could succeed academically, many schools look at a variety of other factors. Participation in PE and competitive sports often helps you develop desirable character traits such as fellowship, perseverance, leadership, discipline and determination.

*Please refer to pages 18 and 19 of this guide for information on weighting of credits.

NOTES

⁺Please refer to pages 18 and 19 of this guide for information on weighting of credits.

58 Students are encouraged to give careful consideration to course selections, as the opportunity to make changes is limited.