



BIRMINGHAM
CITY SCHOOLS
BUILDING LEADERS. IMPACTING THE WORLD.

High School
Program of Studies
2019-2020



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Birmingham City Schools Anti-Discrimination Statement

Birmingham City Schools do not discriminate on the basis of race, color, religion, national origin, sex, disability, or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following person has been designated to handle inquiries regarding non-discrimination policies: Maria Lyas-Young, 504 Coordinator, call (205) 231-4739 and Henry Pope, Title IX Coordinator call (205) 231-9027 Address: 2015 Park Place N. Birmingham, AL 35203 or www.bhm.k12.al.us.



Career and Technical Education Course Descriptions

High School Courses	Credits
Career Preparedness [Grade 9-12] Course ID#400025 Career Preparedness is a one-credit course that is required for graduation . The course prepares students with content knowledge and skills in the areas of career development and academic planning, computer skill application, and financial literacy. Also, this course is designed to meet the required 20-hour online experience.	1.0
Introduction to Animation and Visual Communication [Grade 10-11] Course ID#440041 Introduction to Animation and Visual Communication is a one-credit course that introduces students to the animation industry. Emphasis is placed on safety in a laboratory and studio environment. Students apply the principles of animation to visually communicate thoughts, feelings, and ideas. Topics of study include animation history, criticism, production, and materials and media utilized in the field. Successful completion of this course prepares students for subsequent courses in animation. No Prerequisite Required	1.0
Animation Layout [Grade 10-11] Course ID#440042 Animation Layout is a one-credit course that provides students with the opportunity to explore illustration as related to settings, locations, and environments for animated film. Students utilize design principles to create believable environments. Topics include life, landscape, and architectural drawings. Successful completion of this course prepares students for the Storyboarding course and for entry-level careers in Animation Layout. Introduction to Animation and Visual Communication or a satisfactory portfolio review by the instructor is the prerequisite for this course.	1.0
Animated Filmmaking [Grade 11-12] Course ID#440046 Animated Filmmaking is a one-credit course that provides students with the opportunity to produce entertaining animated films utilizing a variety of techniques. Topics include visual development, storyboarding preproduction, animation production, and animation technology. Successful completion of this course prepares students for Advanced Animation Portfolio, postsecondary education, and entry-level careers in Animated Filmmaking. Introduction to Animation and Visual Communication, Animation, Layout, Storyboarding, Animation Character Development and Design, Character Animation, or a satisfactory portfolio review by the instructor are prerequisites for this course.	1.0
Character Animation [Grade 11-12] Course ID#440045 Character Animation is a one--credit course that provides students with the opportunity to utilize the principles of animation to create animated stories with characters appearing to be self-motivated and possessing individual thought processes. Instruction allows students to focus on figure drawing, pantomime and acting, and advanced mechanics in animation. Skills gained in this course prepare students for the Animated Filmmaking course, postsecondary education, and entry-level positions in animation. Introduction to Animation and Visual Communication, Animation Layout, Storyboarding, and Animation Character Development and Design, or a satisfactory portfolio review by the instructor are prerequisites for the course.	1.0
Storyboarding [Grade 11] Course ID#440044	1.0



<p>A one-credit course that provides students with the opportunity to visually illustrate and communicate ideas, themes, locations, and emotions. Storyboards are created through a variety of electronic, traditional, and digital media. Intro to Animation required.</p>	
<p>Advanced Animation Portfolio [Grade 11-12] Course ID#440047 Advanced Animation Portfolio is a one-credit course that provides students with the opportunity to produce portfolio-quality animation utilizing a variety of techniques. Students critique, judge, and revise previous animation that will be assembled into a final portfolio. Instruction allows students to focus on safety, studio projects, portfolio organization, and employment skills. Students are encouraged to participate in a variety of local, state, and national contests as well as to present their projects to industry professional and postsecondary educators. Successful completion of this course prepares students for postsecondary education and entry-level positions in animation or related fields. Introduction to Animation and Visual Communication, Animation, Layout, Storyboarding, Animation Character Development Design, Character Animation, and Animated Filmmaking are prerequisites for this course & Instructor’s permission.</p>	1.0
<p>Business Finance [Grade 10] Course ID#450021 A half-credit or one-credit course designed to provide students with an overview of the principles of business finance. The curriculum focuses on major areas of study, including economics, marketing, accounting procedures, and the global financial market. No Prerequisite Required</p>	1.0
<p>Insurance Services [Grade 11] Course ID#470031 A one-credit course designed to help students develop skills related to insurance services, including life, health, and property insurance, as they gain product knowledge of the industry. Students examine characteristics of insurance policies, learn insurance terminology used to explain insurance risks and benefits, distinguish between policy types and coverage, and create and complete insurance-related documents to process information. No Prerequisite Required</p>	1.0
<p>Principles of Finance – NAF [Grade 10] Course ID#470041 This is the first course students take in the Academy of Finance and introduces students to the financial world. Students develop financial literacy as they learn about the function of finance in society. They study income and wealth; examine financial institutions; learn how businesses raise capital; and study key investment-related terms and concepts. They also research how innovations have changed the financial services field. Finally, students explore careers that exist in finance today.</p>	0.5
<p>Principles of Accounting – NAF [Grade 11] Course ID#470043 Provides students with an understanding of the accounting process and how it facilitates decision making by providing data and information to internal and external stakeholders. Students learn that accounting is an integral part of all business activities. They learn how to apply technology to accounting by creating formulas and inputting data into spreadsheets. Students also examine career opportunities and the professional certifications and designations earned by individuals in the accounting profession.</p>	0.5
<p>Financial Services – NAF [Grade 11] Course ID#470045 This course gives students an overview of banks and other financial services companies. It introduces students to the origins of money and banking and examines the early history of banking in the United States. Students study the financial services industry and the types of companies it includes in depth. They learn about the services offered by such companies and</p>	0.5



analyze the ways these companies earn profits. Finally, students examine careers in financial services.	
Ethics in Business –NAF [Grade 12] Course ID#470048 This course provides a solid understanding of why ethics is important in every profession. After an introduction to several philosophies that inform ethics today, students explore the characteristics of an ethical professional. Students consider the range of dilemmas faced by managers and employees in the workplace. They learn about the qualities of effective leaders and the tools modern professionals use to instill an ethical workplace culture.	0.5
Business in Global Economy-NAF [Grade 10] Course ID# Provides students with an understanding of how and why businesses choose to expand their operations into other countries. This course exposes students to the unique challenges facing firms doing business internationally, and to the potential opportunities available to those businesses. Building on concepts introduced in Principles of Finance, Business in a Global Economy broadens students’ understanding of how businesses operate, grow, and thrive in our ever-changing world.	0.5
Entrepreneurship-NAF [Grade 12] Course ID#470050 Introduces students to the critical role entrepreneurs play in the national and global economy. Students learn the skills, attitudes, characteristics, and techniques necessary to become successful entrepreneurs. They explore starting a business and learn about the operational issues and financial risks that new businesses face. Students examine ethical issues and develop a framework for managing them. Finally, students identify the risks, returns, and other aspects of entrepreneurship as a potential career.	0.5
Marketing Principles [Grade 10-11] Course ID#550011 Marketing Principles is a one-credit course designed to provide students with an overview of in-depth marketing concepts. Students develop a foundational knowledge of marketing and its functions, including marketing information management, pricing, product and service management, entrepreneurship, and promotion and selling. Students examine the need for sales and marketing strategies. Students practice customer relationship skills, ethics, technology applications, and communicating in the workplace. No Prerequisite Required	1.0
Sports & Entertainment Marketing [Grade 10] CourseID3550013 A one-credit specialized course designed to offer students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industry. Sports Marketing addresses such diverse products as the sporting event itself, its athletes, sports facilities or locations, sporting goods, personal training, and sports information. Prerequisite Course: Marketing Principles	1.0
Entrepreneurship [Grade 10-12]Course ID#400017 Entrepreneurship is a one-credit course designed to provide students with skills needed to effectively organize, develop, create, and manage a business. This course includes business management and entrepreneurship, communication and interpersonal skills, economics, and professional development foundations. Instructional strategies may include the development of a business plan, a school-based enterprise, computer and technology applications, real and simulated occupational experiences, or projects related to business ownership. No Prerequisite Required	1.0
Sales and Promotion Planning [Grade 10-12] Course ID#550021	1.0



<p>Sales and Promotion Planning is a one-credit course that provides the tools necessary for the development, implementation, and management of promotional programs. The focus of this course is on utilizing promotional knowledge and skills for communicating information to achieve a desired outcome. Students develop skills related to advertising, publicity, special events, visual merchandising, displays, promotional campaigns, and advertisements to aid in promotional planning. They learn to manage the sales function to determine client needs and wants and to respond through planned, personalized communication. Prerequisite Course: Marketing Principles</p>	
<p>Business Technology Applications—Advanced [Grade 10-12] Course ID#450031 Business Technology Applications—Advanced is a one-credit course that provides students with project-based applications of concepts learned in Business Technology Applications or Business Essentials. Personal computing and business skills are integrated throughout the course as students use a variety of software applications to produce and prepare documents for publication and learn how to select appropriate software for generating information. A major emphasis is placed on guiding students through real-world experiences to aid in the school-to-career transition. Prerequisite Career Prep</p>	1.0
<p>Multimedia Design [Grade 10-12] Course ID#410016 Multimedia Design is a one-credit course designed to provide students with hands-on skills involving graphic design, digital photography, Web publishing, and digital video production. Students use various hardware peripherals and software for completing documents. Prerequisite Career Prep</p>	1.0
<p>Multimedia Publications [Grade 10-12] Course ID#410017 Multimedia Publications is a one-credit course designed to provide students with the ability to utilize digital equipment and multimedia digital imaging software, produce interactive media projects, and develop publication layouts. Students use various hardware peripherals as well as the Internet for integrating skills to create a variety of publications. Prerequisite Career Prep</p>	1.0
<p>Introduction to Cosmetology [Grade 9] Course ID#510060 Introduction to Cosmetology is a one-credit course that provides students with a study of concepts related to the cosmetology profession. Specific topics include cosmetology history and opportunities, professional image, infection control, and basic fundamentals and principles of hair care, and design. Students also gain initial practical experience in sanitation, shampooing, hair shaping, and hairstyling. Students are able to practice safety and sanitary precautions as they perform basic cosmetology procedures. Introduction to Cosmetology is the prerequisite to Chemical Services, Hair Coloring, Introduction to Spa Techniques, Advanced Spa Technique Applications, Salon Practices and Management, and State Board Practicum.</p>	1.0
<p>Hair Coloring [Grade 10-12] Course ID#510061 Hair Coloring is a one-credit course that provides students with study and experience in hair coloring and lightening. Emphasis is placed on color application, laws, levels and classifications of color, and problem solving. Upon successful completion of this course, students are able to identify all phases of hair coloring and its effects upon the hair and perform procedures for hair coloring and lightening. Problem-solving and critical-thinking skills are essential, and many opportunities are provided for student growth in level of competence. The prerequisite for this course is Introduction to Cosmetology or Barbering.</p>	1.0



<p>Salon Practices and Management [Grade 10-12] Course ID#510065 Salon Practices and Management is a one-credit course that enables students to develop entry-level management skills for the cosmetology industry. Students practice all phases of cosmetology in a salon setting. Upon successful completion of this course, students are able to demonstrate professional work ethics and communication skills, job-seeking and management skills, and exhibit knowledge of the technology used in salons. The prerequisite for this course is Introduction to Cosmetology or Barbering.</p>	1.0
<p>Introduction to Nail Care and Applications [Grade 10-11] Course ID#510066 Introduction to Nail Care and Applications is a one-credit course that focuses on all aspects of the nail care industry. Specific topics include nail care history and opportunities, nail and skin services, sanitation and bacteriology, and salon conduct. Upon successful completion of this course, students are able to demonstrate professional conduct, recognize nail disorders and diseases, and identify and perform procedures for sanitation and nail care services. This course is a prerequisite for Nail Art and Applications and State Board Practicum Pathway B.</p>	1.0
<p>Nail Art and Applications [Grade 10-11] Course ID#510067 Nail Art and Applications is a one-credit course that provides students with a study of and practice in advanced nail techniques. Upon successful completion of this course, students are able to identify and apply procedures and techniques for nail sculpturing and nail art. The prerequisite for this course is Introduction to Nail Care Applications. This course is a prerequisite for State Board Practicum Pathway B.</p>	1.0
<p>Introduction to Spa Techniques [Grade 10-12] Course ID#510063 Introduction to Spa Techniques is a one-credit course that focuses on the structure and function of various systems of the body, massage techniques, skin care, and hair removal. Upon successful completion of this course, students are able to assemble sanitized materials, follow procedures for product application, recognize skin disorders, and demonstrate facial massage movements and hair removal. Safety and sanitary precautions are emphasized in the performance of these services. The prerequisite for this course is Introduction to Cosmetology.</p>	1.0
<p>Advanced Spa Techniques Application [Grade 10] Course ID#510064 Provides students with study and experience in advance hair removal, cosmetic applications, skin care and message techniques. Prerequisite Intro Spa Techniques</p>	1.0
<p>State Board Practicum [Grade 10-12] Course ID#510068 State Board Practicum is a one-credit, culminating course that provides students with a comprehensive study of State Board procedures and practical applications in cosmetology and nail care. The course consists of Pathway A—Cosmetology, content standards 1-19, and Pathway B—Nail Care Services, content standards 1-13 and 20-22. Upon successful completion of this course, students are able to demonstrate practical skills necessary for meeting state licensure requirements and for successful employment. The prerequisites for this course depend upon the licensure the student is pursuing.</p>	1.0
<p>Introduction to Barbering [Grade 9] Course ID#510160 A one-credit course that provides students with a study of concepts related to the Barbering profession. Specific topics include Barbering history and opportunities, professional image, infection control, and basic fundamentals and principles of hair care and design. No Perquisite</p>	1.0
<p>Natural Hair Styling Theory [Grade 9-12] Course ID#510075</p>	1.0



Provides instruction on scientific concepts and natural hair care and services. No Requisite	
Natural Hair Styling Practicum [Grade 10-12] Course ID#510076 Provides instruction on natural hair care services and techniques for styling and grooming natural hair. Prerequisite Natural Hair Styling Theory	1.0
CTE Lab in Cosmetology [Grade 10-12] CourseID#510077 Extended laboratory experience to address advancement and specialization of careers in Cosmetology. Prerequisite Intro to Cosmetology or Barbering.	1.0
Introduction to Drafting Design [Grade 10] Course ID#410005 Introduction to Drafting Design is a one-credit course that serves as an introduction to the drafting design technology field. It provides essential information that builds a strong foundation for the entire program. Emphasis is placed on student orientation, safety, tools and procedures, geometric construction, sketching, dimensioning practices, visualization, and orthographic projection concepts. Computer-Aided Drafting (CAD) functions and techniques using CAD software applications are introduced. Upon successful completion of this course, students are able to utilize tools and interpret basic drafting standards to complete a multi-view drawing. This entry-level course is a prerequisite to all other drafting design technology classes.	1.0
Introduction to Architectural Design [Grade 11] Course ID#430013 Introduction to Architectural Design is a one-credit course that introduces students to the basic terminology, concepts, and principles of the architectural design field. Students are introduced to various careers involving architecture and principles of architectural design. Emphasis is placed on floor plan layout, electrical plans, foundation plans, wall sections, roof design, and evaluations. Upon successful completion of this course, students are able to draw a basic residential architectural construction drawing. Require course for Three Dimensional	1.0
Three Dimensional Solid Model Design I [Grade 12] Course ID#430016 A one-credit course intended to introduce students to three-dimensional modeling utilizing three-dimensional capabilities of computer-aided design (CAD) software. Emphasis is placed on working planes, profile creation, protrusions, extrusions, and rendering techniques. Prerequisite Intro to Drafting and Intro to Architectural Design	1.0
Binding and Finishing [Grade 11-12] Course ID#440016 Binding and Finishing is a one-credit course that offers students training in post-press finishing and binding operations. Students learn safe operation of equipment and proper techniques in paper cutting, folding, perforating, stitching, binding, drilling, and use of various finishing equipment. Students demonstrate problem-solving skills and become proficient in related mathematics. The prerequisite for this course is Introduction to Graphic Arts.	1.0
Introduction to Graphic Arts [Grade 10-11] Course ID#440011 Introduction to Graphic Arts is a one-credit course that provides students with information regarding safety, image preparation, press operations, and finishing operations in a laboratory setting. Mathematics skills are evaluated and reinforced as needed. Upon successful completion of the course, students exhibit skills enabling them to enter specialized advanced graphic arts courses. This course is the prerequisite for Digital File Preparation; Advanced Digital File Preparation; Offset Press Operations; and Binding and Finishing.	1.0
Digital File Preparation [Grade 10-12] Course ID#440012 Digital File Preparation is a one-credit course providing practical application of skills in desktop publishing, page layout, and graphics. Upon completion of this course, students are able to	1.0



prepare layouts for newsletters and other publications, solve related problems, and demonstrate manipulation of text meeting industry standards. Prerequisite Intro to Graphic Arts	
Advanced Digital File Preparation and Output [Grade 11-12] Course ID#440013 Advanced Digital File Preparation and Output is a one-credit course that provides students with industry-focused laboratory experiences. Emphasis is placed on digital photography and imaging, file storage and transfer, and computer-to-plate operations. Upon completion of the course, students are able to create logo designs; digital page layouts; and multiple-page jobs with pagination, folds, and guides. The prerequisites for this course are Introduction to Graphic Arts and Digital File Preparation.	1.0
Education and Training [Grade 9-11] Course ID#460009 Education and Training is a one-credit course. This course is the prerequisite for all pathways included in the Education and Training Cluster. The course is designed for students who are interested in pursuing careers in education. Course content includes the organizational structure of education, careers, the role of the teacher, characteristics of effective teachers, communication skills, the teaching and learning processes, learning styles, research, characteristics of positive classroom environments, human growth and development, curriculum development, student characteristics, teaching techniques, learning activities, educational initiatives, technology, and careers. Observational experiences are a required component of this course.	1.0
Teaching I [Grade 10-11] Course ID#460011 Teaching I is a one-credit course. The prerequisite for this course is Education and Training. Content includes information to help students implement the teaching and learning processes. Major topics are funding sources, budget preparations, legal aspects, research, teaching and learning theories, curriculum development, positive learning environments, creative teaching techniques, appropriate learning activities, instructional resources, community resources and services, scope and sequence charts, course outlines, lesson plans, testing, grading, and developing partnerships, technology, and careers. School-based laboratory experiences are essential for students to develop skills in teaching. Observational experiences are a required component of this course.	1.0
Teaching II [Grade 10-12] Course ID#460012 Teaching II is a one-credit course. The prerequisite for this course is Teaching I. Content provides students with advanced knowledge and skills used in the education field. Concepts of legal aspects of education, instructional resources, motivation, types of assessments, constructing texts, positive learning environments, lesson planning and teaching for various areas and grades, reading level of instructional materials, classroom management strategies, partnerships, public relations, professional associations, technology, and careers are included in the course. Observational experiences are a required component of this course.	1.0
Introduction to Television Production [Grade 9] Course ID#440017 Introduction to Television Production is a one-credit course that provides students with a basic overview of television production skills and professions. Students participate in classroom and laboratory activities regarding all aspects of television performance, production, and operations. Upon successful completion of this course, students are prepared for a specialized high school course or for further study in television, film and communications at the college level. This course is a prerequisite for Television Production—Photography and Editing; Television Production—Studio Operations; and Advanced Television Production.	1.0



<p>Television Production—Writing, Producing, and Performing [Grade 10] Course ID#440018 Television Production—Writing, Producing, and Performance is a one-credit course that provides students with a variety of real-world learning opportunities through laboratory experiences in television writing, producing, and performing. Students perform specialized roles in a regularly scheduled television program along with students specializing in Television Production—Studio Operations and Television Production—Photography and Editing. Students who successfully complete this course are prepared for Advanced Television Production; further study in television, film, and communications at the college level; or for entry-level positions in television, film, and communications industries. The prerequisite for this course is Introduction to Television Production.</p>	1.0
<p>TV Production Studio Operation [Grade 11] Course ID#440019 A one-credit course that provides students with opportunities to participate in real-world laboratory experiences. They perform specialized roles in a regularly scheduled television program with students specializing in Television Production— Writing, Producing, and Performing and Television Production—Photography and Editing. Prerequisite TV Production</p>	1.0
<p>TV Prod-Photography & Editing [Grade 12] Course ID#440020 A one-credit course that provides students with a variety of real-world learning opportunities through laboratory experiences in photography and editing. Students perform specialized roles in a regularly scheduled television program together with students specializing in Television Production—Writing, Producing, and Performing, and Television Production—Studio Operations. Prerequisite TV Production</p>	
<p>Foundations of Health Science [Grade 9-10] Course ID#490007 Foundations of Health Science is a required one-credit course that introduces students to a wide range of health careers. Integrated academics combined with health care knowledge and skills provide the framework for a strong health care delivery system in the twenty-first century. This course is the prerequisite for all the health science courses. It is recommended for students who want to prepare for further study in an array of health-related fields at the postsecondary level. No Prerequisite Required</p>	1.0
<p>Human Body Structures and Functions [Grade 10-11] Course ID#490015 Human Body Structures and Functions is a one-credit course designed to help students develop a basic knowledge of the normal structure and function of the human body. The course uses an integrated approach for teaching medical terminology to the health care student by incorporating medical terminology into instruction regarding human body structures and functions and the disease process. The prerequisite for the course is Foundations of Health Science.</p>	1.0
<p>Medical Terminology [Grade 10-12] Course ID#490033 Medical Terminology is a one-credit course that is designed for students to develop health care specific knowledge for a career in the medical field. The course uses an integrated approach for teaching the language of medicine to the health care student by incorporating medical terminology with anatomy and physiology and the disease process. The prerequisite for the course is Foundations of Health Science.</p>	1.0
<p>Therapeutic Services [Grade 11] Course ID#490023 Therapeutic Services is a one-credit course designed to inform students of the rapid changes in business and industry through a rigorous array of coursework and work-based experiences that</p>	1.0



prepare them for advanced learning and a wide range of health career opportunities. This course is designed to provide the local education agency flexibility to meet health care demands in the community. Students are introduced to careers in therapeutic services including, but not limited to, nursing, medicine, physical therapist, surgical technologist, respiratory therapist, emergency medical technician, and others. The prerequisite for the course is Foundations of Health Science.	
Nurse Aide Training [Grade 12] Course ID#490034 Nurse Aide Training is a two-credit course that is designed for high school seniors to develop health care specific knowledge for a career in the medical field. Students pursue skill mastery in the classroom and laboratory, and also participate in intensive job-specific training in the clinical area. Students must successfully complete an approved program and pass the National Nurse Aide Assessment Certification Exam in order to become a Certified Nurse Aide (CNA).	2.0
Health Science Internship [Grade 12] Course ID#490013 Health Science Internship is a one or two-credit course designed for students in Grades 11 or 12. This course provides students with the knowledge and skills necessary for becoming a health care worker or for preparing students for postsecondary health care education programs. Theory and laboratory components comprise at least ten percent of the course. Health Science Internship is designed to be completed in a hospital, extended care facility, rehabilitation center, medical office, imagery laboratory, or other health care facility. The prerequisite for the course is Foundations of Health Science and Patient Care Tech.	1.0 or 2.0
Health Science Internship [Grade 12] Course ID#490014 A one or two-credit course designed for students in Grades 11 or 12. This course provides students with the knowledge and skills necessary for becoming a health care worker or for preparing students for postsecondary health care education programs. Theory and laboratory components comprise at least ten percent of the course. Prerequisite Foundations of Health Science and Patient Care Tech	1.0
Orientation to Health Science [Grade 9] Course ID#490024 A one credit course to assist students in making informed decisions regarding their college and career goals. Students will be given the opportunity to apply knowledge and skills related to the Health Science cluster. No Prerequisite Required	1.0
Patient Care Tech [Grade 11-12] Course ID#490027 A one credit course that provides students the opportunity to become effective and efficient multi-skilled healthcare providers. Students will develop a working knowledge of advanced patient care skills, vital signs, 12-lead ECG/EKG's, oxygen therapy, basic phlebotomy via simulation, and specimen collection and processing. Prerequisite Foundation of Health Science	1.0
Workforce Essentials [Grade 10-12] Course ID#400016 Workforce Essentials is a one-credit course that provides students with higher-level academic and occupational skills that are transferable across jobs and occupational areas. Emphasis is placed on academic foundations for careers, applied technology, career development and employment, entrepreneurship and business economics, social and ethical responsibility, leadership, and teamwork, safety and health, and technical knowledge and skills. No prerequisite required	1.0
Cooperative Education Work-base Experience 1 [Grade 11-12] Course ID#4000122	1.0



<p>Designed to make learning relevant, and better prepare students for careers or continued education and to connect information learned in the classroom with skills obtained in an occupational setting. Prerequisite: Career Prep <i>*The Four (4) different numbers are for students who may be working as juniors on a block system or seniors to be released more than 2 periods during a 7 period day.</i></p>	
<p>Cooperative Education Work-base Experience 2 [Grade 11-12] Course ID#4000133 Designed to make learning relevant, and better prepare students for careers or continued education and to connect information learned in the classroom with skills obtained in an occupational setting. Prerequisite: Career Prep <i>*The Four (4) different numbers are for students who may be working as juniors on a block system or seniors to be released more than 2 periods during a 7 period day.</i></p>	1.0
<p>Cooperative Education Work-base Experience 3 [Grade 11-12] Course ID#4000144 Designed to make learning relevant, and better prepare students for careers or continued education and to connect information learned in the classroom with skills obtained in an occupational setting. Prerequisite: Career Prep <i>*The Four (4) different numbers are for students who may be working as juniors on a block system or seniors to be released more than 2 periods during a 7 period day.</i></p>	1.0
<p>Cooperative Education Work-base Experience 4 [Grade 11-12] Course ID#4000212 Designed to make learning relevant, and better prepare students for careers or continued education and to connect information learned in the classroom with skills obtained in an occupational setting. Prerequisite: Career Prep <i>*The Four (4) different numbers are for students who may be working as juniors on a block system or seniors to be released more than 2 periods during a 7 period day.</i></p>	1.0
<p>Architecture, Construction and Manufacturing [Grade 9] Course ID#430004 Course content provides students with an overview of the Architecture and Construction career cluster, which contains three pathways—Construction, Design and Preconstruction, and Maintenance and Operations. Students who choose to complete a pathway in the Architecture and Construction cluster are engaged in challenging curricula and develop technical skills in the areas of safety, related mathematics, usage of hand and power tools, blueprint reading, basic rigging, and basic employability skills. Required pathway course</p>	1.0
<p>NCCER Building Construction 1 [Grade 10] Course ID#412101 Construction Framing is a one-credit course designed to provide students with an understanding of the framing phase of a structure, including framing components. Topics include career opportunities, safety, lumber, material estimation, floor systems, wall framing, ceiling framing, stair construction, roof framing, and roof materials in various structures. Prerequisite Architecture, Construction and Manufacturing</p>	1.0
<p>NCCER Building Construction 2 [Grade 11] Course ID#412102 Construction Site Preparation and Foundations is a one-credit course designed to facilitate student understanding of the first phases of construction, including types of structures and their uses. Topics include career opportunities, safety, planning, location, layout, concrete and masonry, and foundations of various structures. Prerequisite NCCER I</p>	1.0
<p>NCCER Building Construction 3 [Grade 11] Course ID#412103 Construction Finishing and Interior Systems is a one-credit course designed to facilitate student understanding of the finishing phase of a structure. Students become familiar with the exterior</p>	1.0



and interior finishing of a structure. Topics include career opportunities, safety, windows, doors, plumbing, electrical wiring, insulation, wall coverings, storage, and finishes. Prerequisite NCCER II	
Senior Career Pathway Project-Architecture & Construction [Grade 12] Course ID#430129 Senior Career Pathway Project (SCPP) is a capstone course designed for career and technical education students who have completed two or more career and technical education courses. This course allows students to utilize their secondary coursework through an experience that showcases their learning. It provides an opportunity for a student to choose an area of interest and engage in an in-depth exploration of the area while demonstrating problem-solving, decision-making, and independent-learning skills.	1.0
Family and Consumer Sciences [Grade 9-10] Course ID#510004 A one-credit course that serves as the foundation course for the Human Services cluster, except for the Personal Care Services pathway. Course content provides opportunities for students to explore the core content included in the Family Studies and Consumer Sciences; Early Childhood Development and Services; Fashion; Interior Design; Food, Wellness, and Dietetics; and Consumer Sciences pathways. Major topics are marriage and family life, parenting and caregiving, consumer services, apparel, housing, food and nutrition, and technology and careers. This course is not a prerequisite for courses included in all pathways within the cluster; however, students are encouraged to take the course before entering a pathway.	1.0
Family Studies & Community Service I [Grade 12] Course ID#510033 A one-credit course designed for students who are interested in acquiring skills for providing service to families and in preparing for a variety of careers related to family and human services.	1.0
Family Studies & Community Service II [Grade 11] Course ID#510034 This one-credit course includes content that helps students learn ways to determine client needs through the use of assessments and to provide intervention services. The prerequisite for this course is Family Studies and Community Services I.	1.0
Counseling and Mental Health [Grade 10] Course ID#510035 A one-credit course taught in grades 9-12. This course is designed to orientate students who are interested in working in counseling and mental health services. Careers in the field provide assistance to people with personal, family, educational, and mental health problems and need guidance in making career decisions. No Prerequisite Required	1.0
Gerontology [Grade 10] Course ID#510036 A one-credit course taught in grades 9-12. This course is designed to assist students in learning about careers that provide services to older adults. The course focuses on Gerontology; the study of the social, psychological, and biological aspects of aging; and the physical, mental, and social changes in people of the age. No Prerequisite Required.	1.0
Housing [Grade 9] Course ID#510051 The course introduces students to the selection and planning of living environments of individuals and families. Course content provides opportunities for students to explore housing options, architectural styles of housing, factors that influence housing selection, housing legislation and regulations, ownership options, home construction and repairs, home furnishings and accessories, home maintenance, landscape design, etc. No Prerequisite Required	1.0
Housing [Grade 9] Course ID# 510052 Housing may be taught as a one-credit or half-credit course. For a half-credit course, content standards 1, 2, 3, 4, 5, 7, 9, 11, 12, 13, and 18 must be included. No Prerequisite Required	0.5



<p>Consumer Services I [Grade 10-11] Course ID#410013 Consumer Services I is a one-credit course that includes content to help students learn ways to provide services to consumers. Major courses are types of consumer services, career options, roles and functions of individuals engaged in consumer services, advocacy, financial services, economic systems, financial planning process, consumer credit, investments, savings, risk management, life transitions, estate planning, financial management plan, product development, product information, market research, current trends in the housing industry, factors affecting housing choice, special housing needs, types of housing, renting or owning a home, lease agreements, factors to consider when matching clients with homes, transportation options and costs, costs of insurance, and technology. No Prerequisite Required</p>	1.0
<p>Consumer Services II [Grade 10-11] Course ID#410014 A one-credit course. The prerequisite for this course is Consumer Services I. The course includes content that helps students learn ways to provide services to consumers and focuses on the relationship with the client. Major topics are types of advocacy services, protection laws for consumers, consumer educational and promotional materials, consumer fraud, investment options for clients, risk management, consumer credit ratings, fraudulent practices, financial management planning, product analysis and testing, sales techniques, real estate services when buying and selling a home, property value assessment, home financing options, and transportation options and costs.</p>	1.0
<p>Child Development [Grade 9-12] Course ID#510021 A one-credit course. This course helps students develop skills related to the physical, social, intellectual, and emotional development of children. Course content provides opportunities for exploring benefits of studying children, stages of development, child development theories, child health and safety, behavior management, child abuse, needs of exceptional children, childcare services, community resources, technology, and career opportunities related to working with children. Observational experiences are encouraged in this course. No Prerequisite Required</p>	1.0
<p>Child Development [Grade 9-12] Course ID#510022 For a half-credit course, content standards 2, 3, 4, 6, 7, 8, 9, 10, 11, 13, 14, 15, and 19 must be included. No Prerequisite Required</p>	0.5
<p>Life Connections I [Grade 9-12] Course ID#510031 A one-credit course. The course focuses on practical problems related to nurturing human development throughout the life span and life cycle. Course content provides opportunities for students to explore basic needs of individuals regarding human growth and development; stages across the life span; career planning ; dating and marriage; financial management; parenting decisions; relationship adjustments; middle-age, retirement issues, and intergenerational living; balancing work, family, and community responsibilities; improving the quality of life; community resources and services; technology; and careers related to families as they progress through the life cycle. No Prerequisite Required</p>	1.0
<p>Life Connections II [Grade 9] Course ID#510032 Life Connections may be taught as a one-credit or half-credit course. For a half-credit course, content standards 2, 4, 5, 6, 7, 8, 10, 13, 14, 16, and 18 must be included. Prerequisite Required</p>	0.5
<p>Parenting [Grade 9-12] Course ID#510023 A one-credit course. The course allows students to focus on parenting roles and responsibilities. Content provides opportunities for students to explore family structures and stages of the family</p>	1.0



<p>life cycle; roles and responsibilities of parents across the life span; factors influencing the decision to become a parent; preparation for parenthood; birth defects; challenges of teen pregnancy and parenthood; signs and changes in pregnancy; prenatal development, labor, and delivery; stages of child development; children with exceptionalities; meeting physical, health, and safety needs of children and adolescents; positive parent-child relations; guidance and discipline of children and adolescents; sources of parenting information, support, and assistance; technology impacting parenting; and career opportunities related to parenting. Observational experiences are encouraged in this course. No Prerequisite Required</p>	
<p>Parenting [Grade 9-12] Course ID#510024 Parenting may be taught as a one-credit or half-credit course. For a half-credit course, content standards 2, 3, 4, 5, 6, 8, 10, 12, 15, 16, 17, 18, and 19 must be included. No Prerequisite Required</p>	0.5
<p>Accounting [Grade 10-12] Course ID#470012 A one-credit course designed to help students understand the basic principles of the accounting cycle. This course provides a comprehensive introduction to basic financial accounting, including analyzing and recording business transactions, preparing and interpreting financial statements, demonstrating generally accepted accounting principles, and performing banking and payroll activities. No Prerequisite Required</p>	1.0
<p>Advanced Accounting [Grade 10-12] Course ID#470013 A one-credit course designed to provide students with an increased emphasis on accounting principles and techniques for solving business problems and making financial decisions. This course includes adjusting inventory control systems; applying accounting procedures for revenues, expenses, and loans; and enhancing accounting skills. The prerequisite for this course is Accounting.</p>	1.0
<p>Banking and Financial Services [Grade 10-12] Course ID#470011 A one-credit course designed to help students develop skills related to banking and related services as they process customer transactions, maintain cash drawer, process documents, and respond to customer requests to provide other customer services. Students employ technical skills to perform data processing functions as well as to perform new account functions. Applicable skills are utilized by practicing lending functions, including aiding the customer in determining the best loan alternative; processing the customer's application to include appropriate information; and processing the loan to complete transactions. No Prerequisite Required</p>	1.0
<p>Personal Finance [Grade 11-12] Course ID#400021 A one-credit course. The course introduces students to the management of personal and family resources to achieve personal goals and financial literacy. Content provides opportunities for students to explore consumer behavior, laws and legislation, consumer protection, consumer rights and responsibilities, consumer decision making, advertising and promotional techniques, individual and family money management, banking services, use of credit, income tax, technology, and careers in providing financial services to individuals and families. No Prerequisite Required</p>	1.0
<p>Maintenance and Light Repair A [Grade 9-12] Course ID#570071 A one-credit course that provides students with a foundational knowledge and skills regarding Safety, Engine Repair, Automatic Transmission, and Manual Drive Trains. Upon successful completion of the course, students are able to diagnose and repair engine performance related</p>	1.0



<p>systems. This course incorporates all personal and environmental safety practices associated with clothing, eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations.</p> <p>MLR A, B, C, & D comprehensively meet the requirements for the National Automotive Technicians Education Foundation (NATEF) MLR accreditation and prepare students for the Automotive Service Excellence (ASE) student credential. These courses may be taken in any order without prerequisite. The content standards, task lists, tools and equipment, program hours, and safety standards must meet NATEF requirements.</p>	
<p>Maintenance and Light Repair B [Grade 10-12] Course ID#570072</p> <p>A one-credit course that provides students with a foundational knowledge and skills regarding Safety, Suspension & Steering and Brakes. Upon successful completion of the course, students are able to diagnose and repair engine performance related systems. This course incorporates all personal and environmental safety practices associated with clothing, eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations.</p> <p>MLR A, B, C, & D comprehensively meet the requirements for the National Automotive Technicians Education Foundation (NATEF) MLR accreditation and prepare students for the Automotive Service Excellence (ASE) student credential. These courses may be taken in any order without prerequisite. The content standards, task lists, tools and equipment, program hours, and safety standards must meet NATEF requirements.</p>	1.0
<p>Maintenance and Light Repair C [Grade 11-12] Course ID#570073]</p> <p>Maintenance and Light Repair (MLR) C is a one-credit course that provides students with a foundational knowledge and skills regarding Safety, Brakes, and Electrical/Electronics Systems. Upon successful completion of the course, students are able to diagnose and repair engine performance related systems. This course incorporates all personal and environmental safety practices associated with clothing, eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations.</p> <p>MLR A, B, C, & D comprehensively meet the requirements for the National Automotive Technicians Education Foundation (NATEF) MLR accreditation and prepare students for the Automotive Service Excellence (ASE) student credential. These courses may be taken in any order without prerequisite. The content standards, task list, tools and equipment, program hours, and safety standards must meet NATEF requirements.</p>	1.0
<p>Maintenance and Light Repair D [Grade 12] Course ID#570074</p> <p>Maintenance and Light Repair (MLR) D is a one-credit course that provides students with a foundational knowledge and skills regarding Safety, Engine Performance, Electrical/Electronics, and Heating and Air Conditioning. Upon successful completion of the course, students are able to diagnose and repair engine performance related systems. This course incorporates all personal and environmental safety practices associated with clothing, eye protection; hand tools; power equipment, proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations.</p> <p>MLR A, B, C, & D comprehensively meet the requirements for the National Automotive Technicians Education Foundation (NATEF) MLR accreditation and prepare students for the Automotive Service Excellence (ASE) student credential. These courses may be taken in any</p>	1.0



order without prerequisite. The content standards, task lists, tools and equipment, program hours, and safety standards must meet NATEF requirements.	
Automotive Brakes [Grade 10-12] Course ID#570027 Automotive Brakes is a one-credit course that provides students with classroom and laboratory instruction in electrical accessories and brake system operations, diagnosis, and repairs. Emphasis is placed on accessory diagnosis, hydraulic system diagnosis, disc and drum brake diagnosis, and equipment usage. Upon completion of this course, students are able to repair brake systems. This course incorporates all personal and environmental safety practices associated with clothing; eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations. This course is required for a program to be certified by Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation (NATEF) minimum standards. The content standards, task lists, tools and equipment, program hours, and safety standards must meet ASE and NATEF standards, advisory council recommendations, and the No Child Left Behind Act.	1.0
Automotive Electrical and Electronic Systems I [Grade 10-12] Course ID#570025 This is a one-credit course that provides students with classroom and laboratory instruction in electrical and electronic system operations, diagnosis, and repairs. Emphasis is placed on system operations, circuit diagnosis, wiring diagrams, and equipment usage. Upon successful completion of the course, students are able to diagnose and repair electrical and electronic systems. This course incorporates all personal and environmental safety practices associated with clothing; eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations. This course is part one of two required courses for a program to be certified by Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation (NATEF) minimum standards. The content standards, task lists, tools and equipment, program hours, and safety standards must meet ASE and NATEF requirements. Content is designed to incorporate changes in ASE and NATEF standards, advisory council recommendations, and the No Child Left Behind Act.	1.0
Automotive Electrical and Electronic Systems II [Grade 11-12] Course ID#570026 A one-credit course that provides students with classroom and laboratory instruction in electrical components operation, diagnosis, and repairs. Upon successful completion of this course, students are able to perform minimum tasks required by National Automotive Technicians Education Foundation (NATEF) and Automotive Service Excellence (ASE) lists. This course incorporates all personal and environmental safety practices associated with clothing; eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations. The prerequisite for this course is Automotive Electrical and Electronics Systems I.	1.0
Automotive Engine Performance I [Grade 10-12] Course ID#570020 Automotive Engine Performance I is a one-credit course that provides students with the knowledge and skills regarding general engine diagnosis, computerized engine controls, ignition systems, and emission control systems. Strong emphasis is placed on system and component	1.0



<p>operations. Upon successful completion of the course, students are able to diagnose and repair engine performance related systems. This course incorporates all personal and environmental safety practices associated with clothing, eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations. The content standards, task lists, tools and equipment, program hours, and safety standards must meet Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation (NATEF) requirements. Content is designed to incorporate changes in ASE and NATEF standards, advisory council recommendations, and the No Child Left Behind Act.</p>	
<p>Automotive Engine Performance II [Grade 11-12] Course ID#570021</p> <p>Automotive Engine Performance II is a one-credit course that provides advanced students with in-depth information regarding general engine diagnosis, computerized engine controls, ignition systems, fuel systems, and emission control systems. Emphasis is placed on system and component operations and diagnosis. Upon successful completion of this course, students are able to diagnose and repair engine performance-related systems. This course incorporates all personal and environmental safety practices associated with clothing; eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environment regulations. Automotive Engine Performance I is the prerequisite for this course. This course is the second part of a two-part course requirement for a program to be certified by Automotive Service Excellence (ASE) and National Automotive Technicians Foundation (NATEF) minimum standards. The content standards, task lists, tools and equipment, program hours, and safety standards must meet ASE and NATEF requirements. Content is designed to incorporate changes in ASE and NATEF standards, advisory council recommendations, and the No Child Left Behind Act.</p>	1.0
<p>Automotive Suspension and Steering [Grade 11-12] Course ID#570028</p> <p>This is a one-credit course designed to provide students with a working knowledge of brake assist assemblies, anti-lock systems, suspension systems, and steering systems. Topics include brake diagnosis, steering diagnosis, suspension diagnosis, alignment procedures, and wheel balancing. Upon successful completion of this course, students are able to repair brake suspension and steering systems. This course incorporates all personal and environmental safety practices associated with clothing; eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environment regulations. This course is optional for automobile service technology programs and is not required for a program to meet Automotive Service Excellence (ASE) nor National Automotive Technicians Education Foundation (NATEF) minimum standards. The content standards, task lists, tools and equipment, program hours and safety standards must meet ASE and NATEF requirements. Content is designed to incorporate changes in ASE and NATEF standards, advisory council recommendations, and the NCLB Act.</p>	1.0
<p>Transportation, Distribution, and Logistics [Grade 9-11] Course ID#570004</p> <p>Transportation, Distribution, and Logistics is a one credit-course designed to equip students with basic knowledge of the profession, including foundational skills and safety for personal and environmental practices. Students investigate various topics related to this field with emphasis</p>	1.0



<p>on rules and regulations, ethics, job opportunities, career development, and associated terminology. Students enhance communication skills by working with others on a professionally oriented team. Students develop foundational skills, including locating technical information, technical writing, and solving related mathematics problems with technical applications. Additionally, students apply problem-solving and critical-thinking skills.</p>	
<p>Painting and Refinishing I [Grade 10] Course ID#570030 This is a one-credit course designed to provide students with an introduction to current technologies relative to basic principles of automotive finishes. This course incorporates all personal and environmental safety practices associated with clothing; respiratory protection; eye protection; tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations. This course incorporates current guidelines and standards set forth by the Automotive Service Excellence (ASE) and the National Automotive Technicians Education Foundation (NATEF), including any updates or changes. Content standards provide students with information regarding task lists, tools and equipment, program hours, laboratory operation, and safety standards.</p>	1.0
<p>Painting and Refinishing II [Grade 11] Course ID#570031 Painting and Refinishing II is a one-credit course that provides students with specialized classroom and laboratory experiences in the application of various automotive paint finishes. Instruction and practice are provided regarding the diagnosis and repair of automotive surface defects. Upon successful completion of the course, students properly apply automotive paint finishes. Painting and Refinishing I is a prerequisite for this course. This course incorporates all personal and environmental safety practices associated with clothing; respiratory protection; eye protection; hand tools; power equipment; proper ventilation; and the handling, storage, and disposal of chemicals and materials in accordance with local, state, and federal safety and environmental regulations. This course incorporates current guidelines and standards set forth by the Automotive Service Excellence (ASE) and the National Automotive Technicians Education Foundation (NATEF), including any updates or changes. Content standards provide students with information regarding task lists, tools and equipment, program hours, laboratory operation, and safety standards.</p>	1.0
<p>Structural Analysis and Damage Repair [Grade 12] Course ID#570035 Nonstructural Analysis and Damage Repair I is a one-credit course that provides students with current and emerging technologies in analysis and repair of collision-damaged nonstructural components. Emphasis is placed on methods, equipment, and processes used to inspect, measure, repair, and replace nonstructural components. Upon successful completion of the course, students perform basic repairs on automotive nonstructural components. This course incorporates all personal and environmental safety practices associated with clothing; respiratory protection; eye protection; and the handling, storage, and disposal of chemicals and materials in accordance with local state, and federal safety and environmental regulations. This course incorporates current guidelines and standards set forth by the Automotive Service Excellence (ASE) and the National Automotive Technicians Education Foundation (NATEF), including any updates or changes. Content standards provide students with information regarding task lists, tools and equipment, program hours, laboratory operation, and safety standards.</p>	1.0



<p>NCCER HVAC 1 [Grade 10] Course ID#432601 This is a one-credit course that introduces students to electrical components and controls for the heating, ventilation, air-conditioning, and refrigeration (HVACR) system. Emphasis is placed on advanced problem-solving techniques in respect to electrical components and circuitry. Students enrolled in this course possess good problem-solving skills as well as an ability to follow flow charts and diagrams. No Prerequisite Required</p>	1.0
<p>NCCER HVAC 2 [Grade 11] Course ID#432602 This a one-credit course that introduces students to the fundamental concept of heating systems and heat pumps. Emphasis is placed on identification and operation of different components and advanced problem-solving techniques. Students learn to troubleshoot problems in gas heat, electrical heat, and heat pumps. Prerequisite HVAC 1</p>	1.0
<p>NCCER HVAC 3 [Grade 12] Course ID#432603 This is a one-credit course that introduces students to concepts used in preventing breakdown in a heating, ventilation, air-conditioning, and refrigeration (HVACR) system. Emphasis is placed on interpreting information gathered about the system and using that information to prevent further breakdowns. Prerequisite HCAV 2</p>	1.0
<p>Fashion [Grade 9-12] Course ID#510041 Fashion is a one-credit course. This course introduces students to the selection and care of clothing and accessories for individuals and families. Content provides opportunities for students to explore factors that influence apparel choice, apparel history , current fashion trends, proper care and maintenance of apparel, laws and legislation regarding the apparel industry, apparel design, apparel repair and construction, wardrobe planning, technology in the apparel and textiles industries, and career options in the apparel and textile industries. No Prerequisite Required</p>	1.0
<p>Fashion Design [Grade 10-11] Course ID#510044 Fashion Design is a one-credit course designed for students interested in fashion, fashion design, and apparel and textile design technology. Content provides opportunities for students to explore historic costumes, research current fashion styles and trends, analyze fibers and textiles, design clothing and accessories, utilize technology in fashion design, and explore career options in apparel and textiles industries. Prerequisite Required Fashion</p>	1.0
<p>Fashion Merchandising [Grade 11-12] Course ID#410015 Fashion Merchandising is a one-credit course for students who are interested in the fashion and retail industry. Content provides opportunities for students to explore factors related to the retail industry, examine structure and organization of fashion business operations, study merchandising techniques, utilize technology in fashion merchandising, and explore career options in fashion and retail industries. Prerequisite Required Fashion Design</p>	1.0
<p>Entrepreneurship in FACS [Grade 12] Course ID#510008 A one-credit course designed to provide students with skills needed to effectively organize, develop, create, and manage a business. This course includes business management and entrepreneurship, communication and interpersonal skills, economics, and professional development foundations. Prerequisite Required Fashion Merchandising</p>	1.0
<p>Computer Programming Basic I [Grade9] Course ID#520006 A one-credit course designed to provide students with a conceptual understanding of object-oriented programming. Students learn to use object-oriented technologies to solve business problems. No Prerequisite Required</p>	1.0



Micro Computer Application [Grade 10-12] Course ID#925607 A hands-on class using the microcomputer in a variety of applications, including word processing, electronic spreadsheet, data base management, graphics and communications. The course will emphasize systems as well as applications software. No Prerequisite Required	1.0
Exploring Computer Science [Grade 9] CourseID#520043 Introduction to the world of computer science and problem solving. Designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. No Prerequisite Required	1.0
Intro to Computer Science –TEALS [Grade 10-12] CourseID#520050The TEALS program to support computer science teachers and/or volunteer professionals teaching an introductory computer science course in a high school classroom. The curriculum is based on, and borrows heavily from, the Beauty and Joy of Computing Curriculum (http://bjc.berkeley.edu/) developed at the University of California, Berkeley. The TEALS curriculum has a heavier focus on the basic programming components of the course than BJC, sacrificing some of the advanced programming and conceptual topics that are less appropriate in an introductory high school classroom. No Prerequisite Required	1.0
Information Technology Fundamentals [Grade 10-11] Course ID#520005 Information Technology Fundamentals is a one-credit course that introduces students to the knowledge base and technical skills for information technology careers. Students study the nature of business and demonstrate knowledge of the functions of information systems in business. Emphasis is placed on maintaining a safe working environment and on building interpersonal skills needed for working in the information technology environment. Students demonstrate appropriate knowledge and behaviors regarding legal responsibilities of information technology professionals. They explore a variety of information technology career opportunities and develop a personal career plan to meet career goals and objectives. No Prerequisite Required	1.0
Networking I [Grade 10-11] Course ID#520021 Networking is a one-credit course designed to provide students with skills involving a hands-on, career-oriented approach to learning networking that includes practical experiences. This course includes activities that emphasize the application of networking in terms of implementation and career opportunities. It is recommended that Information Technology Fundamentals be taken prior to this course.	1.0
Networking II [Grade 10-11] Course ID#520022 Networking II is a one-credit course designed to provide students with skills involving hands-on learning by installing a router, configuring a server, and performing disaster recovery. This course includes a strong emphasis on proper safety practices and industry ethics. The prerequisite for this course is Networking I.	1.0
Horticultural Science [Grade 9-10] Course ID#420051 This is a one-credit course. Topics in Horticultural Science include career opportunities, safety, plant physiology, growing media, greenhouse facilities, greenhouse and nursery crop production, plant identification and classification, pest management, hydroponics and vegetable gardening, and technological applications. Content standards for this course are not intended to serve as the entire curriculum. Teachers are encouraged to expand the curriculum beyond the limits of these content standards to accommodate specific community interests and utilize local resources. This course encourages critical thinking, use of the scientific method, integration of	1.0



technology, development of student leadership skills, and application of knowledge and skills related to practical questions and problems. Safety concepts are integrated into instruction to the maximum extent possible. No Prerequisite Required	
Plant Biotechnology [Grade 11-12] Course ID#420053 Plant Biotechnology is a one-credit course that provides students with an opportunity to develop an understanding of principles and practices of plant genetics and biotechnology regarding agriculturally related products and services. Topics include career opportunities, safety, cellular biology, biotechnology advancement, applied genetics and biotechnology concepts, and social and environmental impacts of biotechnology. Content standards for this course are not intended to serve as the entire curriculum. Teachers are encouraged to expand the curriculum beyond the limits of these content standards to accommodate specific community interests and utilize local resources. This course encourages critical thinking, use of the scientific method, integration of technology, development of student leadership skills, and application of knowledge and skills related to practical questions and problems. Safety concepts are integrated into instruction to the maximum extent possible. Prerequisite Required Horticultural Science	1.0
Residential Landscape Establishment and Maintenance [Grade 12] Course ID#420059 Residential Landscape Establishment and Maintenance is a one-credit course that focuses on the residential landscape industry. Topics include career opportunities, safety, plant nutrition, pest management, plant identification, residential landscape design and maintenance, tool and equipment maintenance, residential landscape business management, and technology. Content standards for this course are not intended to serve as the entire curriculum. Teachers are encouraged to expand the curriculum beyond the limits of these content standards to accommodate specific community interests and utilize local resources. This course encourages critical thinking, use of the scientific method, integration of technology, development of student leadership skills, and application of knowledge and skills related to practical questions and problems. Prerequisite Required Plant Biotechnology	1.0
Greenhouse Production and Management [Grade 10-12] Course ID#420054 Greenhouse Production and Management is a one-credit course related to the production of greenhouse crops. Topics include career opportunities, safety, plant propagation, growing media, plant identification, greenhouse production, pest control, business management, and equipment and facilities. The hands-on approach to learning is a key component in this course. Content standards for this course are not intended to serve as the entire curriculum. Teachers are encouraged to expand the curriculum beyond the limits of these content standards to accommodate specific community interests and utilize local resources. This course encourages critical thinking, use of the scientific method, integration of technology, development of student leadership skills, and application of knowledge and skills related to practical questions and problems. Safety concepts are integrated into instruction to the maximum extent possible. Prerequisite Required Residential Landscape Establishment. & Maintenance	1.0
Hospitality and Tourism [Grade 9-10] Course ID#500011 Hospitality and Tourism is a one-credit course that serves as the prerequisite for all pathways included in the Hospitality and Tourism Cluster. Major topics include introduction to hospitality and tourism, recreation, travel and tourism, recreation, travel and tourism, lodging, restaurant and food and beverage services, safety and sanitation, customer	1.0



relations, and quality services. The required school-based laboratory for the Hospitality and Tourism cluster is a commercial food service kitchen with a food-serving and dining area. School-based laboratory experiences are essential for students to develop skills in the hospitality and tourism industry. No Prerequisite Required	
Travel and Tourism I [Grade 11] CourseID#500021 Travel and Tourism I is a one-credit course. The prerequisite for this course is Hospitality and Tourism. Topics focus on the development, research, packaging, promotion, and delivery of traveler experiences that may include creating guide books, planning trips and events, managing customer travel plans, or overseeing a convention center.	1.0
Travel and Tourism II [Grade 11] CourseID#500022 Travel and Tourism II is a one-credit course. The prerequisite for this course is Travel and Tourism I. Topics focus on economics, marketing and operations, admissions, safety and security, and local and regional tourism markets.	1.0
Event Planning [Grade 9] CourseID#500015 This is a one-credit course taught in grades 9-12. Students will learn to organize and plan all aspects of business and social events including the food, location, and décor associated with hiring an event planner. Concepts taught in the course to meet the needs of clients include planning for the event with activities, establishing a budget, determining the theme, planning the guest list, determining the location, developing an event plan schedule, planning transportation needs, training of staff, staging the event, calculating room and space requirements, providing necessary technology and equipment, planning food and beverage services, securing entertainment, understanding legal issues in event planning, and conducting post-evaluations of event. No Prerequisite Required	1.0
Culinary Arts I [Grade 10-11] Course ID#500012 Culinary Arts I is a one-credit course. The prerequisite for this course is Hospitality and Tourism. Culinary Arts I introduces students to basic food production, management, and service activities in both the back- and front-of-the-house. Emphasis is placed on sanitation, safety, and basic food preparation. Skills in mathematics, science, and communication are reinforced in this course. The required school-based laboratory for the Hospitality and Tourism Cluster is a commercial food service kitchen with a food-serving and dining area. School-based laboratory experiences are essential for students to develop skills in the hospitality and tourism industry.	1.0
Culinary Arts II [Grade 10-12] Course ID#500013 Culinary Arts II is a one-credit course. The prerequisite for this course is Culinary Arts I. Culinary Arts II provides advanced experiences in food production, management, and service. Topics include food service operations, advanced food production, and professionalism. Skills in mathematics, communication, creative thinking, and entrepreneurship are reinforced in this course. The required school-based laboratory for the Hospitality and Tourism cluster is a commercial food service kitchen with a food-serving and dining area. School-based laboratory experiences are essential for students to develop skills in the hospitality and tourism industry.	1.0
Food and Nutrition [Grade 9-12] Course ID#510011 Food and Nutrition is a one-credit course. Topics include the impact of daily nutrition and wellness practices on long-term health and wellness; physical, social, and psychological aspects of healthy nutrition and wellness choices; selection and preparation of nutritious meals and snacks based on United States Department of Agriculture (USDA) Dietary Guidelines and Food	1.0



Guide Pyramid; safety, sanitation, storage, and recycling processes and issues associated with nutrition and wellness; impacts of science and technology on nutrition and wellness issues; and nutrition and wellness career paths. No Prerequisite Required	
Food and Nutrition [Grade 9] CourseID#510012 Food and Nutrition may be taught as a one-credit-or half-credit course. For a half-credit course, content standards 2, 3, 4, 5, 6, 9, 11, 12, 13, and 18 must be included. No Prerequisite Required	0.5
Dietetics [Grade 9] Course ID#510014 A one-credit course that provides students with advanced knowledge and skills used in nutrition and dietetics. Major topics include nutrition, meal planning, safety, food science, and professional behavior. No Prerequisite Required	1.0
Introduction to Fire Science [Grade 10] Course ID# 530011 Introduction to Fire Science is a one-credit course that provides students with competencies related to a cluster of public service job preparatory programs and helps students develop knowledge and skills necessary for success and advancement in a specialized public service job preparatory program. Students study possible careers, employability skills, leadership, basic first aid, blood-borne pathogens, fire management services, legal services, and law enforcement services. No Prerequisite Required	1.0
Emergency Services [Grade 11] Course ID#410024 Emergency Services is a one-credit course that introduces students to the emergency medical profession. Course content emphasizes safety, human structure and function, assessment of emergency clients, ethical behavior, and emergency care procedures. Foundations of Health Science is the prerequisite for this course. Upon successful completion of this course, students may choose to continue studies in Advanced Health Seminar or Work-Based Experience Seminar. Prerequisite Required Introduction to Fire Science	1.0
Fire Fighting [Grade 12] Course ID# 530012 Fire Fighting is a one-credit course designed to provide students with information regarding career possibilities in fire-fighting, including instruction in techniques of fire-fighting. Topics include career opportunities, safety, fire prevention and control, hazardous materials, sprinkler systems, first responder, and public relations. Prerequisite Required Emergency Services	1.0
Principles of Public Service [Grades 12] Course ID# 530004 Principles of Public Service is a one-credit course that provides students with competencies related to a cluster of public service job preparatory programs that help students develop the knowledge and skills necessary for success and advancement in a specialized public service job preparatory program. Students study possible careers, employability skills, leadership, basic first aid, blood-borne pathogens, fire management services, legal services, and law enforcement services. Prerequisite Required Emergency Services	1.0
Foundations of Engineering [Grade 9] Course ID# 560011 Students explore a broad range of engineering topics. Students develop skills in problem solving, research, design while learning strategies for design process documentation, collaboration and presentation. No Prerequisite Required	1.0
Engineering Applications [Grade 10] Course ID # 560012 Engineering Applications is a one-credit course designed to explore the application of engineering principles in various technological areas including construction, transportation,	1.0



communication, manufacturing, and bioengineering. Students gain knowledge and experience needed to effectively improve processes and systems in each of these areas. Prerequisite Required Foundation of Engineering	
Engineering Systems [Grade 11] Course ID# 560013 Engineering Research and Design is a one-credit, capstone course in the engineering field recommended for students in Grades 11–12. The course enables students to make an informed career choice through the study and application of mechanical, electrical, and other engineering systems. Students conduct research and design engineering projects to enhance abilities and expand interest in the field of engineering. Projects reinforce the application of communication, mathematics, and science. Computer technology applications are utilized extensively in this course to enable students to visualize, model, prototype, solve, and report comprehensive design problems. Prerequisite Required Engineering Applications	1.0
Engineering Research and Design [Grade 11-12] Course ID# 560014 Engineering Research and Design is a one-credit, capstone course in the engineering field recommended for students in Grades 11–12. The course enables students to make an informed career choice through the study and application of mechanical, electrical, and other engineering systems. Students conduct research and design engineering projects to enhance abilities and expand interest in the field of engineering. Projects reinforce the application of communication, mathematics, and science. Computer technology applications are utilized extensively in this course to enable students to visualize, model, prototype, solve, and report comprehensive design problems. Prerequisite Required Engineering Applications	1.0
Introduction to Robotics [Grades 10-12] Course ID# 540031 This one-credit course is designed to provide students with the fundamental knowledge and skills of robotics. Emphasis is placed on fundamentals of electrical current, digital circuits, electronic control systems, and the design and operation of robotic systems. No Prerequisite Required	1.0
Robotics Applications [Grades 10-12] Course ID# 540032 This one-credit course is designed to provide students with the fundamental knowledge and skills of robotics. Emphasis is placed on the applications of a variety of robotic systems. Upon successful completion of this course, students construct a robotic system with peripheral devices. Prerequisite Required Introduction to Robotics	1.0
Introduction to Engineering Design – PLTW [Grades 9] Course ID# 560015 Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work. No Prerequisite Required	1.0
Principles of Engineering – PLTW [Grade 9] Course ID#560016 Students explore a broad range of engineering topics. Students develop skills in problem solving, research, design while learning strategies for design process documentation, collaboration and presentation. No Prerequisite Required	1.0
Digital Electronics – PLTW [Grade 9] Course ID#560017	1.0



<p>A foundation for students who are interested in electrical engineering, electronics and circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in the industry. Prerequisite Required Principle of Engineering</p>	
<p>Engineering Design and Development – PTLW [Grade 12] Course ID# 560022 The knowledge and skills students acquire throughout PLTW Engineering come together in EDD as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing EDD ready to take on any post-secondary program or career. Prerequisite Required Digital Electronics</p>	1.0
<p>Cybersecurity –PLTW [Grade 10] CourseID#520051 Introduce students to tools and concepts of cybersecurity and encourages creative solutions which allows sharing computer resources while protecting privacy. Prerequisite Required Digital Electronics</p>	1.0
<p>Army JROTC Leadership Education Training I [Grade 9] CourseID#480041 The JROTC LET 1 course teaches cadets to appreciate the ethical values and principles that underlie good citizenship, develop leadership potential, be able to think logically and to communicate effectively with others both orally and in writing, to understand the importance of physical fitness in maintaining good health, develop mental management abilities, become familiar with military history as it relates to America’s culture and understand the history, purpose and structure of the military services, and develop the skills necessary to work effectively as a member of a team.</p>	1.0
<p>Army JROTC Leadership Education Training II [Grade 10] CourseID#480042 The second year of Leadership Education and Training is split into units including: Techniques of Communication, Leadership, Cadet Challenge, Leadership Lab, First Aid, Map Reading, History, Your American Citizenship, Career Opportunities, and Role of the U.S. Army.</p>	1.0
<p>Army JROTC Leadership Education Training III [Grade 11] CourseID#480043 The third year of Leadership Education and Training provides additional leadership situations. In this year students will not only be more involved as teachers and leaders within the cadet battalion, but they will also do more independent studies in the areas of communication, leader, first aid, history, map reading, career opportunities, and technology awareness.</p>	1.0
<p>Army JROTC Leadership Education Training IV [Grade 12] CourseID#480044 The fourth-year of Leadership Education and Training enhances cadets’ leadership skills by providing cadets the responsibility for the daily cadet administration and perform as commanders and staff officers. They act as assistant instructors in some subject areas for other JROTC classes. They continue to develop their leadership skills and plan special unit events such as the military ball and the annual awards banquet as well as several Leadership camps.</p>	1.0
<p>ACT/SAT Prep-JROTC [Grade 9] Course ID#480073 This course will help Cadets to prepare for the SAT and ACT by taking practice exams, working through tutorials, and focusing on areas needing improvement. This course will assist cadets who may not otherwise have taken the SAT and ACT to broaden their post-high school choices through this program.</p>	1.0



Drill Ceremony Leadership Application [Grade 9] Course ID#480077 This course concentrates on the Drill Team commanders and leadership skill development for reviews, parades and development of the command voice.	1.0
Army JROTC –Drill 1 [Grade 9] Course ID#480411 This course concentrates on the elements of military drill for beginners and describes individual and group precision movements, procedures for saluting, drill, ceremonies, reviews, parades and development of the command voice. Cadets are provided detailed instructions on ceremonial performances and protocol for civilian and military events and have the opportunity to personally learn drill. Though each class will follow an established lesson plan, most of the work is to be hands on.	1.0
Army JROTC –Drill 2 [Grade 9] Course ID#480412 This course concentrates on the elements of military drill for intermediate drill performers. This course describes individual and group precision movements, procedures for saluting, drill, ceremonies, reviews, parades and development of the command voice. Cadets are provided detailed instructions on ceremonial performances and protocol for civilian and military events and have the opportunity to personally learn drill.	1.0
Army JROTC –Drill 3 [Grade 9] Course ID#480413 This course concentrates on the elements of military drill for Lower Advance drill performers. This course helps cadets to showcase their ability to teach and help beginners to learn to become a part of the drill team.	1.0
Army JROTC –Drill 4 [Grade 9] Course ID#480414 This course concentrates on the elements of military drill for Upper Advance drill performers. This course helps cadets to showcase their ability to select team members, teach, schedule and organize drill teams.	1.0



English Language Arts Course Descriptions

Course	
<p>English 9- Literature Focus: World Literature Course ID# 200005</p> <p>Ninth graders study a broad range of multicultural world literature. Emphasis is placed on encouraging students to read and think critically, write recursively, discuss collaboratively and create, present and view projects. Such genres as biography, autobiography, historical novels, and adventure stories are included in classroom and independent study. Students develop writing skills through both formal and informal writing: argument, personal narratives or autobiographies, expository or informative essays, short journal entries, casual notes or memos, persuasive columns, poetry, and essays that analyze literature. Students are expected to write research papers complete projects and read a minimum of six novels by the completion of the course.</p> <p>PREREQUISITE: Successful completion of English 8 or Pre-AP English 8</p>	1.0
<p>English 9, Advanced Course ID# 200007</p> <p>Students enrolled in this course must have demonstrated a high level of academic achievement, and they must be willing to accept the additional workload required in this course. Students with on grade level and above grade level in reading and writing are eligible for enrollment. Students read and study short novels, drama, essays, speeches, plays, and other nonfiction pieces in order to interpret, infer, analyze, annotate, and critically evaluate these works. Students respond to literature through expository writing, discussion, oral presentation, and graphic arts. They are also exposed to academic vocabulary and advanced literature selections. Curriculum will consist of activities from Laying the Foundations Modules.</p> <p>PREREQUISITE: Successful completion of 8th Grade English or Pre-AP English 8</p>	1.0
<p>English 10- American Literature prior to 1900 Course ID# 200009</p> <p>This course offers a balanced focus on reading literary and informational text. Students further develop their vocabulary and writing skills by reading fiction and nonfiction to explore varying styles and communication techniques of American authors prior to 1900. They will explore varying styles and communication techniques among authors and to recognize themes, motifs, and other elements of literary language through the analysis of texts and authors. Activities such as discussing and writing about organizational patterns, imagery, and characterization are used to stimulate creative and critical thinking. Writing in response to reading is used to stimulate to provide essential practice and personal experiences with the written use of Standard English .An Integral parts of the course are book reviews, formal speeches, essays that are narrative, expository, and argumentative, research reports, projects, letters, and journals. Student writing samples are reviewed, shared, and critiqued by peers and teachers. Vocabulary development and expansion are</p>	1.0



<p>emphasized throughout the course. Students are expected to write research papers and read a minimum of six novels.</p> <p>PREREQUISITE: Successful completion of English 9</p>	
<p>English 10, Advanced Course ID# 200011</p> <p>The students enrolled in this course must have demonstrated the highest level of academic achievement. They must be on or above grade level in reading and writing skills, and they must be able to accept the additional work load required for this course. Students read, analyze, and draw sophisticated inferences from short stories, novels, drama, and essays. The extended reading is designed to challenge students to respond to literature through expository writing, discussion, oral presentations, and graphic arts. Creative expression is encouraged and emphasized. The core curriculum will be enhanced with advanced vocabulary study and advanced literature. Curriculum will consist of activities from Laying the Foundations Modules</p> <p>PREREQUISITE: Successful completion of English 9 or Pre- AP English 9</p>	1.0
<p>English 11- Literature Focus: American Literature Course ID# 200013</p> <p>Students explore the values unique to the democratic way of life through fiction and nonfiction. This course surveys the individual shaping history and being shaped by history. Students are expected to write responses to ideas, to characters, and to writing styles of the authors through individual, small group, and large group analysis. Students taking this course should be prepared to read widely, discuss actively, and draw parallels, not only between work in this course, but also between texts and materials presented in American History. Developing critical thinking skills is a major goal of the program of instruction in the eleventh grade. The curriculum helps students prepare for the ACT and SAT College entrance examinations and experience the PSAT. Technology in the form of word processor, electronic data access, and multimedia equipment is used to communicate the student work and learning experiences. Students are expected to write a research paper and read a minimum of six novels.</p> <p>PREREQUISITE: Successful completion of English 10</p>	1.0
<p>English AP Language and Composition 11 Course ID# 200016</p> <p>The goal of the Advanced Placement English class is to give the college bound student the equivalent of a college freshman English course. This course engages students in becoming master readers of fiction and non-fiction. This AP course allows students to write in a variety of forms and subjects from personal and public experiences as well as imaginative literature and popular culture and art. This course will focus on the writing process asking students to compose essays that process through several drafts, with revision aided by the teacher and peers. Students will</p>	1.0



<p>read and analyze a variety of literary styles from many disciplines and periods. This course involves extensive reading and writing. This course is designed to prepare the student for the Advanced Placement Exam in May. This course receives honor credit. PREREQUISITE: Successful completion of Advanced English 10 or English 10 and recommendation from the English Department Chair</p>	
<p>English 12- Literature Focus: British Literature Course ID# 200017 Students analyze and evaluate the literature in order to gain insight into the variety of cultures and people of Great Britain. The study of British literature is enhanced in several ways: live dramatic presentations, films, and electronic media programs. Students analyze and evaluate literary criticism by refining and communication their own critical opinions. Writing in response to reading is used to stimulate critical thinking and to provide essential practical and personal experiences with the written use of Standard English. Analytical writing skills are required. Students are expected to write a research paper and read a minimum of six novels. PREREQUISITE: Successful completion of English 11</p>	1.0
<p>English AP Literature and Composition 12 Course ID# 200020 The emphasis in this course will be on British and American authors, as well as some of the more significant works of world literature. In composition, the primary emphasis will be on literary criticism and interpretation of all forms of literature. This course helps students develop skills in analyzing prose passages, and in writing essays in various rhetorical modes. This course is designed to prepare the student for the Advanced Placement Exam in May. This course receives honors credit. PREREQUISITE: Successful completion of AP English 11 or English 11</p>	1.0



Elective Courses – No Prerequisites Required	
Creative Writing Course ID# 200039 This creative writing course is a one semester elective. Adhering to the principle that all writing done by students are creative, this course encourages each student to develop his/her literary imagination and to create it using his/her own experiences and power of expression. The students practice various types of writing learning to take everyday events and make them interesting.	1.0
Public Speaking Course # 200042 This course provides instruction and experience in preparation and delivery of speeches within a public setting and group discussion. Emphasis is on research, preparation, delivery, and evaluation of informative, persuasive, and special occasion public speaking. Upon completion, students should be able to prepare and deliver well-organized speeches and participate in group discussion with appropriate audiovisual support. Students should also demonstrate the speaking, listening, and interpersonal skills necessary to be effective communicators in academic settings, in the workplace, and in the community.	1.0
Journalism Newspaper Course ID# 802202aa This is a course where students are responsible for the production of the school newspaper. Students taking this course should have journalistic writing skills and some working knowledge of using computer programs. Students must be responsible, self-motivated and able to meet deadlines.	1.0
Journalism Yearbook Course ID # 802202 This is a course where students are responsible for the production of the school yearbook. Students taking this course should have journalistic writing skills and some working knowledge of using computer programs. Students must be responsible, self-motivated and able to meet deadlines.	1.0
IB ENGLISH A: Literature HL 11th GRADE Course ID # 200022 This course is the first part of a two-year International Baccalaureate curriculum that prepares students for higher-level (HL) assessments in literature and composition. Extra emphasis is placed on oral presentation skills and the study of world literature themes. PREREQUISITE: Available only to IB juniors pursuing IB Diploma	
Ethnic Literature Course ID# 200031 This course explores the literature of ethnic groups as a means to examine ethnic diversity. A wide range of literary works and authors will be discussed in their historical, social, political, and cultural context with consideration of literary themes and techniques	1.0



<p>Critical Thinking/Writing Course ID# 200036</p> <p>In this course, students will learn to sharpen both critical thinking and writing skills and explore the connection between the two. The class will explore ways in which writing can generate and develop ideas. Students will practice organizing and presenting ideas in clear, interesting prose, and using basic research techniques to find, evaluate, use, and cite sources. By working in small, peer-editing groups of three or four, students will hone the important skill of casting a critical eye on one's own and others' work. Works of published authors as well as students' written work will be reviewed and analyzed. Throughout the course, whether in reading, writing or speaking with others, the emphasis will be on heightening the students' ability to develop their critical voices.</p>	1.0
<p>READ 180 I Course ID # 200061ab</p> <p>This elective course is based on standards contained in the <i>English/Language Arts Framework</i>. It is designed to enable high school students to improve their reading comprehension, increase their understanding of narrative and expository text structures including academic reading, functional reading, informational reading and technical reading, in order to learn more effectively from subject-matter textbooks in science, history/social studies, math and English. Students will be introduced to narrative and expository organizational patterns, as well as the academic language used in the aforementioned content classes.</p>	0.5
<p>READ 180 II Course ID# 200061ac</p> <p>This elective course is a continuation of READ 180 I and is based on standards contained in the <i>English/Language Arts Framework</i>. It is designed to enable high school students to improve their reading comprehension, increase their understanding of narrative and expository text structures including academic reading, functional reading, informational reading and technical reading, in order to learn more effectively from subject-matter textbooks in science, history/social studies, math and English. Students will be introduced to narrative and expository organizational patterns, as well as the academic language used in the aforementioned content classes.</p>	0.5
<p>READ 180 I Course ID# 200061ad</p> <p>This elective course is based on standards contained in the <i>English/Language Arts Framework</i>. It is designed to enable high school students to improve their reading comprehension, increase their understanding of narrative and expository text structures including academic reading, functional reading, informational reading and technical reading, in order to learn more effectively from subject-matter textbooks in science, history/social studies, math and English.</p>	1.0



READ 180 II Course ID# 200061ae This elective course is a continuation of READ 180 I and is based on standards contained in the <i>English/Language Arts Framework</i> . It is designed to enable high school to improve their reading comprehension, increase their understanding of narrative and expository text structures including academic reading, functional reading, informational reading and technical reading, in order to learn more effectively from subject-matter textbooks in science, history/social studies, math and English.	1.0
HIGH SCHOOL LITERACY READY Course ID# 200061ak This course utilizes a disciplinary literacy approach that teaches students strategies, for reading and understanding complex texts in different subject areas. Students learn to develop and defend ideas, both orally and in writing, in high school level subjects such as English, history, and science.	1.0
Essentials of College English Course ID# 200056 This course utilizes a disciplinary literacy approach that teaches students strategies, for reading and understanding complex texts in different subject areas. Students learn to develop and defend ideas from textbooks and write about them in college-level formats for English, history, and biology.	
Reading Intervention Course ID # 200061ah This course is designed to provide intensive support with strategy instruction, comprehension, systematic vocabulary instruction, and guided and supported practice in reading.	1.0
IB ENGLISH A: Literature HL 11th GRADE Course ID # 200022 This course is the first part of a two-year International Baccalaureate curriculum that prepares students for higher-level (HL) assessments in literature and composition. Extra emphasis is placed on oral presentation skills and the study of world literature themes. PREREQUISITE: Available only to IB juniors pursuing IB Diploma	1.0



ESL Course Progression

9 th Grade		10 th Grade		11 th Grade		12 th Grade	
300001	ESL I	300001aa	ESL II	300001ab	ESL III		

Course Index

Course Name	Course #	Credit	GPA Weight	Grade	Location(s)
ESL I	300001	1.0		9-12	
ESL II	300001aa	1.0		9-12	
ESL III	300001ab	1.0		9-12	

Course Descriptions

ESL	
<p>ESL I Course ID# 300001</p> <p>ESL I is for students that are at the entering level of English language acquisition, students that have scored an overall score of 1.6 and below on the ACCESS for ELLs and/or are newly identified English Learners (ELs) via the WIDA Screener Online.</p> <p>English as a Second Language (ESL): A Program of techniques and methodology designed to teach ELs explicitly about the English language, including the academic vocabulary needed to access content instruction, and to develop their English language proficiency in all four language domains (i.e., speaking, listening, reading, and writing).</p> <p>PREREQUISITE: An ACCESS for ELLs overall score of 1.6 and below and/or newly identified EL via the WIDA Screener Online</p>	1.0
<p>ESL II Course ID# 300001aa</p> <p>ESL II is for students that are at the entering to developing level of English language acquisition, students that have scored an overall score of 1.7 - 3.2 on the ACCESS for ELLs.</p> <p>English as a Second Language (ESL): A Program of techniques and methodology designed to teach English Learners (ELs) explicitly about the English language, including the academic vocabulary needed to access content instruction, and to develop their English language proficiency in all four language domains (i.e., speaking, listening, reading, and writing).</p> <p>ESL courses teach the following: conversational English, grammar, reading, listening comprehension, writing and vocabulary.</p> <p>PREREQUISITE: ESL I and/or ACCESS for ELLs overall score of 1.7 - 3.2</p>	1.0

<p>ESL III Course ID# 300001ab</p> <p>ESL III is for students that are at the developing to expanding level of English language acquisition. Students that have scored an overall score of 3.3 - 4.7 on the ACCESS for ELLs.</p> <p>English as a Second Language (ESL): A Program of techniques and methodology designed to teach English Learners (ELs) explicitly about the English language, including the academic vocabulary needed to access content instruction, and to develop their English language proficiency in all four language domains (i.e., speaking, listening, reading, and writing).</p> <p>ESL courses teach the following: conversational English, grammar, reading, listening comprehension, writing and vocabulary.</p> <p>PREREQUISITE: ESL II and/or an ACCESS for ELLs overall score of 3.3 - 4.7</p>	<p>1.0</p>
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Fine Arts Course Descriptions

Music – Instrumental – Traditional and Emerging Ensembles	
<p>Introduction to Concert Band I (one-half credit) Course ID# 283101 This is a one-half credit course, novice level, designed for students to experience instrumental music in a concert band setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: None</p>	0.5
<p>Concert Band II (one-half credit) Course ID# 283201 This is a one-half credit course, intermediate level, designed for students to experience instrumental music in a concert band setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: INTRODUCTION TO CONCERT BAND OR APPROVAL OF THE INSTRUCTOR.</p>	0.5
<p>Concert Band III (one-half credit) Course ID# 283301 This is a one-half credit course, proficient level, designed for students to experience instrumental music in a concert band setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: CONCERT BAND II OR APPROVAL OF THE INSTRUCTOR.</p>	0.5
<p>Concert Band IV (one-half credit) Course ID# 283401 This is a one-half credit course, accomplished level, designed for students to experience instrumental music in a concert band setting. Students will develop a characteristic tone and engage in the processes of creating, performing and</p>	0.5



<p>responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: CONCERT BAND LEVEL III OR APPROVAL OF THE INSTRUCTOR.</p>	
<p>Introduction to Marching Band I (one-half credit) Course ID# 283103 This is a one-half credit course, novice level, designed for students to experience instrumental music in a marching band setting. Students will develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. NOTE: Students granted a waiver substitution from the State Superintendent of Education for the required Lifelong Individualized Fitness Education (LIFE 240002) must take two half credits of marching band to fulfill the one LIFE PE credit PREREQUISITE: None</p>	0.5
<p>Marching Band II (one-half credit) Course ID# 283203 This is a one credit course, intermediate level, is designed for students to experience instrumental music in a marching band setting. Students will develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: INTRODUCTION TO MARCHING BAND OR APPROVAL OF THE INSTRUCTOR</p>	0.5
<p>Marching Band III (one-half credit) Course ID# 283303 This is a one-half credit course, proficient level, designed for students to experience instrumental music in a marching band setting. Students will develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. NOTE: Students granted a waiver substitution from the State Superintendent of Education for the required Lifelong Individualized Fitness Education (LIFE 240002) must take two half credits of marching band to fulfill the one LIFE PE credit.</p>	0.5



PREREQUISITE: MARCHING BAND II OR APPROVAL OF THE INSTRUCTOR	
Marching Band IV (one-half credit) Course ID# 283403 This is a one-half credit course, accomplished level, designed for students to experience instrumental music in a marching band setting. Students will develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. NOTE: Students granted a waiver substitution from the State Superintendent of Education for the required Lifelong Individualized Fitness Education (LIFE 240002) must take two half credits of marching band to fulfill the one LIFE PE credit. PREREQUISITE: MARCHING BAND III OR APPROVAL OF THE INSTRUCTOR	0.5
Introduction to Jazz Ensemble I (one credit) Course ID# 283104 This is a one credit course, novice level, designed for students to experience instrumental music in a jazz band or jazz ensemble setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of jazz music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: None	1.0
Jazz Ensemble II (one credit) Course ID# 283204 This is a one credit course, intermediate level, designed for students to experience instrumental music in a jazz band or jazz ensemble setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of jazz music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: INTRODUCTION TO JAZZ ENSEMBLE OR APPROVAL OF THE INSTRUCTOR	1.0
Jazz Ensemble III (one credit) Course ID# 283304 This is a one credit course, proficient level, designed for students to experience instrumental music in a jazz band or jazz ensemble setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous	1.0



<p>composers of jazz music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: JAZZ ENSEMBLE II OR APPROVAL OF THE INSTRUCTOR</p>	
<p>Jazz Ensemble IV (one credit) Course ID# 283404 This is a one credit course, accomplished level, designed for students to experience instrumental music in a jazz band or jazz ensemble setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of jazz music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: JAZZ ENSEMBLE III OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Introduction to Orchestra I (one credit) Course ID# 283114 This is a one credit course, novice level, designed for students to experience instrumental music in an orchestral setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: None</p>	1.0
<p>Orchestra II (one credit) Course ID# 283214 This is a one credit course, intermediate level, designed for students to experience instrumental music in a setting of only orchestra instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: INTRODUCTION TO ORCHESTRA OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Orchestra III (one credit) Course ID# 283314 This is a one credit course, proficient level, designed for students to experience instrumental music in a setting of only orchestra instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: ORCHESTRA II OR APPROVAL OF THE INSTRUCTOR</p>	1.0



<p>Orchestra IV (one credit) Course ID# 283414 This is a one credit course, accomplished level, designed for students to experience instrumental music in a setting of only orchestra instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: ORCHESTRA III OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Introduction to Orchestra Chamber Ensemble I (one credit) Course ID# 283116 This is a one credit course, novice level, designed for students to experience instrumental music in a setting of a small orchestra ensemble. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: None</p>	1.0
<p>Orchestra Chamber Ensemble II (one credit) Course ID# 283216 This is a one credit course, intermediate level, designed for students to experience instrumental music in a setting of a small orchestra ensemble. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: INTRODUCTION TO ORCHESTRA CHAMBER OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Orchestra Chamber Ensemble III (one credit) Course ID# 283316 This is a one credit course, proficient level, designed for students to experience instrumental music in a setting of a small orchestra ensemble. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of orchestral literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: ORCHESTRA CHAMBER ENSEMBLE II OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Orchestra Chamber Ensemble IV (one credit) Course ID# 283416 This is a one credit course, accomplished level, designed for students to experience instrumental music in a setting of a small orchestra ensemble. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of</p>	1.0



orchestral literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: ORCHESTRA CHAMBER III OR APPROVAL OF THE INSTRUCTOR	
Introduction to Woodwinds I (one credit) Course ID# 283108 This is a one credit course, novice level, designed for students to experience instrumental music in a setting of only woodwind instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: None	1.0
Woodwinds II (one credit) Course ID# 283208 This is a one credit course, intermediate level, designed for students to experience instrumental music in a setting of only woodwind instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: INTRODUCTION TO WOODWIND OR APPROVAL OF THE INSTRUCTOR	1.0
Woodwinds III (one credit) Course ID# 283308 This is a one credit course, proficient level, designed for students to experience instrumental music in a setting of only woodwind instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: WOODWINDS II OR APPROVAL OF THE INSTRUCTOR	1.0
Woodwinds IV (one credit) Course ID# 283408 This is a one credit course, accomplished level, designed for students to experience instrumental music in a setting of only woodwind instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: WOODWINDS III OR APPROVAL OF THE INSTRUCTOR	1.0



<p>Introduction to Brass I (one credit) Course ID# 283110</p> <p>This is a one credit course, novice level, designed for students to experience instrumental music in a setting of only brass instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.</p> <p>PREREQUISITE: None</p>	1.0
<p>Brass II (one credit) Course ID# 283210</p> <p>This is a one credit course, intermediate level, designed for students to experience instrumental music in a setting of only brass instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.</p> <p>PREREQUISITE: INTRODUCTION TO BRASS OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Brass III (one credit) Course ID# 283310</p> <p>This is a one credit course, proficient level, designed for students to experience instrumental music in a setting of only brass instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.</p> <p>PREREQUISITE: BRASS II OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Brass IV (one credit) Course ID# 283410</p> <p>This is a one credit course, accomplished level, designed for students to experience instrumental music in a setting of only brass instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.</p> <p>PREREQUISITE: BRASS III OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Introduction to Percussion I (one credit) Course ID# 283112</p> <p>This is a one credit course, novice level, designed for students to experience instrumental music in a setting of only percussion instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality</p>	1.0



literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: None	
Percussion II (one credit) Course ID# 283212 This is a one credit course, intermediate level, designed for students to experience instrumental music in a setting of only percussion instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: INTRODUCTION TO PERCUSSION OR APPROVAL OF THE INSTRUCTOR	1.0
Percussion III (one credit) Course ID# 283312 This is a one credit course, proficient level, designed for students to experience instrumental music in a setting of only percussion instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: PERCUSSION II OR APPROVAL OF THE INSTRUCTOR	1.0
Percussion IV (one credit) Course ID# 283412 This is a one credit course, accomplished level, designed for students to experience instrumental music in a setting of only percussion instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. PREREQUISITE: PERCUSSION III OR APPROVAL OF THE INSTRUCTOR	1.0
Music Theory, AP Course ID# 280024 College-level advanced course approved by the College Board Advanced Placement (AP) Program for music; musical structure; analysis of composition; notational systems; arrangement for instruments and/or voices; improvisational accompaniment on piano or other instruments PREREQUISITE: Teacher recommendation required This course does not fulfill the fine arts requirement for graduation	1.0
Music, SL, IB Course ID# 280025 Content relating to music including musical structure, analysis of composition, notational systems, and arrangement for instruments and/or voices PREREQUISITE: Available only to IB juniors and seniors pursuing IB Diploma. This course does not fulfill the fine arts requirement for graduation	1.0



Fine Arts – Music – Instrumental – Harmonizing Instrumentals

9th Grade		10th Grade		11th Grade		12th Grade	
284102	HIPiano1	284202	HIPiano2	284302	HIPiano3	284402	HIPiano4

Course Index

Course Name	Course #	Credit	GPA Weight	Grade	Location(s)
HIPiano1	284102	1.0		9-12	
HIPiano2	284202	1.0		9-12	
HIPiano3	284302	1.0		9-12	
HIPiano4	284402	1.0		9-12	

Course Descriptions

Music – Instrumental – Harmonizing Instrumentals	
<p>Introduction to Piano I Course ID# 284102</p> <p>This is a one credit course, novice level designed for students to experience instrumental music through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.</p> <p>PREREQUISITE: None</p>	1.0
<p>Piano II Course ID# 284202</p> <p>This is a one credit course, intermediate level, designed for students to experience instrumental music through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection.</p> <p>PREREQUISITE: INTRODUCTION TO PIANO I OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Piano III Course ID# 284302</p>	1.0

<p>This is a one credit course, proficient level, designed for students to experience instrumental music through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. PREREQUISITE: PIANO II OR APPROVAL OF THE INSTRUCTOR.</p>	
<p>Piano IV Course ID# 284402 This is a one credit course, accomplished level, designed for students to experience instrumental music through instruments capable of producing both melody and harmony such as piano, keyboard and synthesizer. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of accompaniment, timbre, rhythm, melody, harmony, form and expression. Additionally, exposure to music from other cultures, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. PREREQUISITE: PIANO III OR APPROVAL OF THE INSTRUCTOR.</p>	1.0

Fine Arts – Music – Traditional and Emerging Ensembles - Choral

Course Progression

9th Grade		10th Grade		11th Grade		12th Grade	
283600	TEEMixedChorus1	283700	TEEMixedChorus2	283800	TEEMixedChorus3	283900	TEEMixedChorus4
283605	TEEShowChoir1	283705	TEEShowChoir2	283805	TEEShowChoir3	283905	TEEShowChoir4
283601	TEEWomen'sChorus1	283701	TEEWomen'sChorus2	283801	TEEWomen'sChorus3	283906	TEEWomen'sChorus4
283602	TEEMen'sChorus1	283702	TEEMen'sChorus2	283802	TEEMen'sChorus3	283902	TEEMen'sChorus4

Course Index

Course Name	Course #	Credit	GPA Weight	Grade	Location(s)
TEEMixedChorus1	283600	1.0		9-12	
TEEMixedChorus2	283700	1.0		9-12	
TEEMixedChorus3	283800	1.0		9-12	
TEEMixedChorus4	283900	1.0		9-12	
TEEShowChoir1	283605	1.0		9-12	



TEEShowChoir2	283705	1.0		9-12	
TEEShowChoir3	283805	1.0		9-12	
TEEShowChoir4	283905	1.0		9-12	
TEEWomen'sChorus1	283601	1.0		9-12	
TEEWomen'sChorus2	283701	1.0		9-12	
TEEWomen'sChorus3	283801	1.0		9-12	
TEEWomen'sChorus4	283906	1.0		9-12	
TEEMen'sChorus1	283602	1.0		9-12	
TEEMen'sChorus2	283702	1.0		9-12	
TEEMen'sChorus3	283802	1.0		9-12	
TEEMen'sChorus4	283902	1.0		9-12	

Fine Arts – Music – Instrumental – Traditional and Emerging Ensembles

9 th Grade		10 th Grade		11 th Grade		12 th Grade	
283103 283101	TEEMarchBand1 TEEConcertBand1	283203 283201	TEEMarchBand2 TEEConcertBand2	283303 283301	TEEMarchBand3 TEEConcertBand3	283403 283401	TEEMarchBand4 TEEConcertBand4
283108 283110 283112	TEE Woodwinds1 TEE Brass1 TEEPercussion1	283208 283210 283212	TEEWoodwinds2 TEEBrass2 TEEPercussion2	283308 283310 283312	TEEWoodwinds3 TEEBrass3 TEEPercussion3	283408 283410 283412	TEEWoodwinds4 TEEBrass4 TEEPercussion4
283104 283114 283116	TEEJazzEns1 TEE Orchestra1 TEEOrchestra ChamberEns1	283204 283214 283216	TEEJazzEns2 TEE Orchestra2 TEEOrchestra ChamberEns2	283304 283314 283316	TEEJazzEns3 TEE Orchestra3 TEEOrchestra ChamberEns3	283404 283414 283416	TEEJazzEns4 TEE Orchestra4 TEEOrchestra ChamberEns4



Music – Traditional and Emerging Ensembles – Choral	
<p>Introduction to Mixed Chorus I Course ID# 283600 This is a one credit course, novice level, designed for students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. PREREQUISITE: None</p>	1.0
<p>Mixed Chorus II Course ID# 283700 This is a one credit course, intermediate level, designed for students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. PREREQUISITE: INTRODUCTION TO MIXED CHORUS I OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Mixed Chorus III Course ID# 283800 This is a one credit course, proficient level, designed for students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. PREREQUISITE: MIXED CHORUS II OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Mixed Chorus IV Course ID# 283900 This is a one credit course, accomplished level, designed for students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. PREREQUISITE: MIXED CHORUS III OR APPROVAL OF THE INSTRUCTOR</p>	1.0



<p>Introduction to Show Choir I Course ID# 283605</p> <p>This is a one credit course, novice level, designed for students to explore popular music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills, choreography and movement and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issue, and self-reflection.</p> <p>PREREQUISITE: None</p>	1.0
<p>Show Choir II Course ID# 283705</p> <p>This is a one credit course, intermediate level, designed for students to explore popular music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills, choreography and movement and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issue, and self-reflection.</p> <p>PREREQUISITE: INTRODUCTION TO SHOW CHOIR I OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Show Choir III Course ID# 283805</p> <p>This proficient-level course is designed for students to explore popular music from a variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills, choreography and movement and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issue, and self-reflection.</p> <p>PREREQUISITE: SHOW CHOIR II OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Show Choir IV Course ID# 283905</p> <p>This is a one credit course, accomplished level, designed for students to explore popular music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills, choreography and movement and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issue, and self-reflection.</p>	1.0

<p>PREREQUISITE: SHOW CHOIR III OR APPROVAL OF THE INSTRUCTOR</p>	
<p>Introduction to Women's Chorus I Course ID# 283601 This is a one credit course, novice level, designed for students to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. PREREQUISITE: None</p>	1.0
<p>Women's Chorus II Course ID# 283701 This is a one credit course, intermediate level, designed for students to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. PREREQUISITE: INTRODUCTION TO WOMEN'S CHORUS I OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Women's Chorus III Course ID# 283801 This is a one credit course, proficient level, designed for students to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. PREREQUISITE: WOMEN'S CHORUS II OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Women's Chorus IV Course ID# 283906 This is a one credit course, accomplished level, designed for students to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. PREREQUISITE: WOMEN'S CHORUS III OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Introduction to Men's Chorus I Course ID# 283602 This is a one credit course, novice level, designed for students to explore treble choral music from a wide variety of cultures and time periods through academic</p>	1.0

<p>study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. PREREQUISITE: None</p>	
<p>Men's Chorus II Course ID# 283702 This is a one credit course, intermediate level, designed for students to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. PREREQUISITE: INTRODUCTION TO MEN'S CHORUS I OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Men's Chorus III Course ID# 283802 This is a one credit course, proficient level, designed for students to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. PREREQUISITE: MEN'S CHORUS II OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Men's Chorus IV Course ID# 283902 This is a one credit course, accomplished level, designed for students to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. PREREQUISITE: MEN'S CHORUS III OR APPROVAL OF THE INSTRUCTOR</p>	1.0



Fine Arts – Music – Music Technology

Course Progression

9 th Grade	10 th Grade	11 th Grade	12 th Grade
PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICIENCY LEVEL OF NOVICE OR APPROVAL OF THE INSTRUCTOR	MT Audio Technology 1 Course # 284601 MT Production Techniques1 Course # 284603	MTAudio Technology 2 Course # 284651 MT Production Techniques 2 Course # 284653	MT Audio Technology3 Course # 284701 MT Production Techniques 3 Course # 284703

Course Index

Course Name	Course #	Credit	GPA Weight	Grade	Location(s)
MTAudioTechnology1	284601	1.0		9-12	
MTAudioTechnology2	284651	1.0		9-12	
MTAudioTechnology3	284701	1.0		9-12	
MTProductionTechniques1	284603	1.0		9-12	
MTProductionTechniques2	284653	1.0		9-12	
MTProductionTechniques3	284703	1.0		9-12	

Course Descriptions

Music Technology	
Audio Technology I Course ID# 284601 This one credit course, proficient level, designed for examination and exploration of audio technologies. Listening skills will be emphasized through audio editing, recording, and basic sound design for film/video. PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICIENCY LEVEL OF NOVICE OR APPROVAL OF THE INSTRUCTOR.	1.0



<p>Audio Technology II Course ID# 284651 This one credit course, accomplished level, designed for examination and exploration of audio technologies. Listening skills will be emphasized through audio editing, recording, and basic sound design for film/video. PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICIENCY LEVEL OF NOVICE OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Audio Technology III Course ID# 284701 This one credit course, advanced level, designed for examination and exploration of audio technologies. Listening skills will be emphasized through audio editing, recording, and basic sound design for film/video. PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICIENCY LEVEL OF NOVICE OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Production Techniques I Course ID# 284603 This one credit course, proficient level, is an exploration and application of recording studio techniques including digital audio workstations, multi-track recording, editing and sound processing. In addition, the production ensemble roles of producer, engineer, assistant engineer and musician will be explored and experienced. PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICIENCY LEVEL OF NOVICE OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Production Techniques II Course ID# 284653 This one credit course, accomplished level, is an exploration and application of recording studio techniques including digital audio workstations, multi-track recording, editing and sound processing. In addition, the production ensemble roles of producer, engineer, assistant engineer and musician will be explored and experienced. PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICIENCY LEVEL OF NOVICE OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Production Techniques III Course ID# 284703</p>	1.0



This one credit course, advanced level, is an exploration and application of recording studio techniques including digital audio workstations, multi-track recording, editing and sound processing. In addition, the production ensemble roles of producer, engineer, assistant engineer and musician will be explored and experienced.

PREREQUISITE: TRADITIONAL AND EMERGING ENSEMBLE (INSTRUMENTAL OR VOCAL) COURSE OR HARMONIZING INSTRUMENT COURSE AT A MINIMAL PROFICIENCY LEVEL OF NOVICE OR APPROVAL OF THE INSTRUCTOR.



Fine Arts – Performing Arts - Dance

Course Progression

9th Grade		10th Grade		11th Grade		12th Grade	
281100	Intro to Dance I	281200	Accomplished Dance II	281300	Advanced Dance III		

Course Index

Course Name	Course #	Credit	GPA Weight	Grade	Location(s)
Intro to Dance I	281100	1.0		9-12	
Accomplished Dance II	281200	1.0		10-12	
Advanced Dance III	281300	1.0		11-12	

Course Descriptions

Fine Arts Course Descriptions	Credits
Dance	
<p>Dance I, Introduction to Dance I Course ID# 281100 This is a one credit course at the proficient dance level. Novice students' progress to a proficient level through a rigorous understanding of the elements of dance. Students create and perform while exploring movement through improvisation and choreographic devices, and develop technical dance skills through correct alignment, nutrition and injury prevention. They obtain an introductory ability to analyze movement for artistic intent, using a knowledge of dance and production elements, genres and style, cultural context and evaluative criteria. PREREQUISITE: None</p>	1.0
<p>Dance II, Accomplished Dance II Course ID# 281200 This is a one credit course at the accomplished dance level. Proficient students progress to an accomplished level as they explore and analyze choreographic devices through improvisation and solving movement problems. They develop strategies to document, gain feedback, review and revise choreography to obtain a specific artistic intent. Students develop kinesthetic awareness of the elements of dance and relationships to other dancers, and increase technical skills providing fluency of movement. In responding to dance, students use codified technique and genre specific terminology and are able to evaluate choreography that is related to content learned in other subjects. PREREQUISITE: INTRODUCTION TO DANCE OR APPROVAL OF THE INSTRUCTOR</p>	1.0

Dance III, Advanced Dance III Course ID# 281300	1.0
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This is a one credit course at the accomplished dance level. Proficient students progress to an accomplished level as they explore and analyze choreographic devices through improvisation and solving movement problems. They develop strategies to document, gain feedback, review and revise choreography to obtain a specific artistic intent. Students develop kinesthetic awareness of the elements of dance and relationships to other dancers, and increase technical skills providing fluency of movement. In responding to dance, students use codified technique and genre specific terminology and are able to evaluate choreography that is related to content learned in other subjects.

PREREQUISITE: DANCE II OR APPROVAL OF THE INSTRUCTOR.



Fine Arts – Performing Arts - Theatre

Course Progression

9th Grade		10th Grade		11th Grade		12th Grade	
281100	Intro to Dance I	281200	Accomplished Dance II	281300	Advanced Dance III		
285100	Theatre1	285200	Theatre2	285300	Theatre3		
285102	Technical Theatre Production1	285202	Technical Theatre Production2	285302	Technical Theatre Production3		
PREREQUISITE: INTRODUCTION TO THEATRE I, MUSICAL THEATRE I, TECHNICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR.		285205	Costuming Design Construction2	285305	Costuming Design Construction3		
		285206	LightSoundDesign Const2	285306	LightSoundDesign Const3		
		285209	MakeupDesignApp2	285309	MakeupDesign App3		

Course Index

Course Name	Course #	Credit	GPA Weight	Grade	Location(s)
Intro to Dance I	281100	1.0		9-12	
Theatre1	285100	1.0		9-12	
Theatre 2	285200	1.0		9-12	
Theatre 3	285300	1.0		9-12	
Theatre, SL, IB	280081	1.0	+1.00	11-12	
Technical Theatre Production1	285102	1.0		9-12	
Technical Theatre Production 2	285202	1.0		9-12	
Technical Theatre Production 3	285302	1.0		9-12	
Costuming Design Construction2	285205	1.0		9-12	
Costuming Design Construction3	285305	1.0		9-12	
LightSoundDesignConst2	285206	1.0		9-12	
LightSoundDesignConst3	285306	1.0		9-12	
MakeupDesignApp2	285209	1.0		9-12	
MakeupDesignApp3	285309	1.0		9-12	
Film, SL, IB	280083	1.0	+1.00	11-12	



Performing Arts – Theatre	
<p>Introduction to Theatre I Course ID# 285100 This one credit course, proficient level, explores beginning theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how theatre communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will also be introduced to basic history of theater and technical theatre. PREREQUISITE: None</p>	1.0
<p>Theatre II Course ID# 285200 This one credit course, accomplished level, continues the study of theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how theatre communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will use their acting to refine their theatre and technical technique. Students will study the history of theatre and perform solo, duo and group theatre works. PREREQUISITE: INTRODUCTION TO THEATRE I OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Theatre III Course ID# 285300 This one credit course, advanced level, continues the study of theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how theatre communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will further study the history of theater and technical theatre. PREREQUISITE: THEATRE II OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Introduction to Technical Theatre Production I Course ID# 285102 This one credit course, proficient level, explores beginning technical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand theater through a technical theatre experience. Students will learn beginning design principles, scenery, lighting, costuming and sound design for theatre productions. Students will study the history of theatre and an emphasis will be place on the safe practices and proper use of tools, equipment and materials. PREREQUISITE: None</p>	1.0
<p>Technical Theatre Production II Course ID# 285202 This one credit course, accomplished level, continues the study of technical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand theater through a technical theatre experience. Students will learn design principles, scenery, lighting, costuming and sound design for theatre productions. Students will study the history of theatre and an emphasis will be place on the safe practices and proper use of tools, equipment and materials.</p>	1.0

<p>PREREQUISITE: INTRODUCTION TO TECHNICAL THEATRE OR APPROVAL OF THE INSTRUCTOR.</p>	
<p>Technical Theatre Production III Course ID# 285302 This one credit course, advanced level, continues the study of technical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand theater through a technical theatre experience. Students will learn design principles, scenery, lighting, costuming and sound design for theatre productions. Students will study the history of theatre and an emphasis will be place on the safe practices and proper use of tools, equipment and materials. PREREQUISITE: TECHNICAL THEATRE PRODUCTION II OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Costuming Design and Construction II Course ID# 285205 This one credit course, accomplished level, is an introduction to the principles, elements and practicalities of costume design and costume construction. Students will learn how to communicate design choices both visually and verbally through rendering techniques and research. An emphasis will be place on the safe practices and proper use of tools, equipment and materials. PREREQUISITE: INTRODUCTION TO THEATRE I, MUSICAL THEATRE I, TECHNICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Costuming Design and Construction (III) Course ID# 285305 This one credit course, advanced level, explores in-depth the principles, elements and practicalities of costume design and costume construction. Students will learn how to communicate design choices both visually and verbally through rendering techniques and research. An emphasis will be place on the safe practices and proper use of tools, equipment and materials. PREREQUISITE: COSTUMING DESISGN AND CONSTRUCTION (II) OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Lighting and Sound Design and Construction II Course ID# 285206 This one credit course, accomplished level, is an introduction to the principles, elements, techniques, and methods used to realize lighting and sound design in a theatrical setting. Emphasis is placed on technical skills required to prepare, set, and run lighting and sound equipment in production. Students will learn to develop the conceptual, compositional, and technical skills of both lighting and sound design. Safe practices and proper use of tools, equipment and materials will be used. PREREQUISITE: INTRODUCTION TO THEATRE I, MUSICAL THEATRE I, TECHNICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Lighting and Sound Design and Construction (III) Course ID# 285306 This one credit course, advanced level, explores in depth the principles, elements, techniques, and methods used to realize lighting and sound design in a theatrical setting. Emphasis is placed on technical skills required to prepare, set, and run lighting and sound equipment in production. Students will learn to develop the conceptual, compositional, and technical skills of both lighting and sound</p>	1.0



<p>design. Safe practices and proper use of tools, equipment and materials will be used. PREREQUISITE: LIGHTING AND SOUND DESIGN AND CONSTRUCTION (II) OR APPROVAL OF THE INSTRUCTOR.</p>	
<p>Makeup Design and Application II Course ID# 285209 This one credit course, accomplished level, is an introduction to the principles, elements, and practicalities of makeup design in a theatrical setting. Students will learn basic application, contouring, blending, and color selection, experimenting with special effects, and modifying appearance through the use of makeup. Students will research history of theatre emphasizing the practice and practical application of stage makeup. Safe practices and proper use of tools, equipment and materials will be used. PREREQUISITE: INTRODUCTION TO THEATRE I, MUSICAL THEATRE I, TECHNICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Makeup Design and Application (III) Course ID# 285309 This one credit course, advanced level, explores in depth the principles, elements, and practicalities of makeup design in a theatrical setting. Students will learn basic application, contouring, blending, and color selection, experimenting with special effects, and modifying appearance through the use of makeup. Students will research history of theatre emphasizing the practice and practical application of stage makeup. Safe practices and proper use of tools, equipment and materials will be used. PREREQUISITE: MAKEUP DESIGN AND APPLICATION (II) OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Theatre, SL, IB Course ID# 280081 Content relating to theatre including an emphasis on creativity in the context of disciplined, practical research into the relevant genres and reflect an eclectic attempt to combine contrasting aesthetics and forms of assessment from around the world PREREQUISITE: Available only to IB juniors and seniors pursuing IB Diploma. This course does not fulfill the fine arts requirement for graduation</p>	1.0
<p>Film, SL, IB Course ID# 280083 Content relating to film including an emphasis on creativity in the context of disciplined, practical research into the relevant genres and reflect an eclectic attempt to combine contrasting aesthetics and forms of assessment from around the world PREREQUISITE: Available only to IB juniors and seniors pursuing IB Diploma. This course does not fulfill the fine arts requirement for graduation</p>	1.0



Fine Arts – Visual Arts

Course Progression

9th Grade		10th Grade		11th Grade		12th Grade	
286100	VAVisualArts1	286200	VAVisualArts2	286300	VAVisualArts3	286400 286403	VAVisualArts4
286103	VADigitalPhotography1	286203	VADigitalPhotography2	286303	VADigitalPhotography3		VADigitalPhotography4
PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR.		286207	VACeramics2	286307	VACeramics3	286407 286408	VACeramics4
		286208	VAPainting2	286308	VAPainting3		VAPainting4

Course Index

Course Name	Course #	Credit	GPA Weight	Grade	Location(s)
VACeramics2	286207	1.0		9-12	
VACeramics3	286307	1.0		9-12	
VACeramics4	286407	1.0		9-12	
VADigitalPhotography1	286103	1.0		9-12	
VADigitalPhotography2	286203	1.0		9-12	
VADigitalPhotography3	286303	1.0		9-12	
VADigitalPhotography4	286403	1.0		9-12	
VAPainting2	286208	1.0		9-12	
VAPainting3	286308	1.0		9-12	
VAPainting4	286408	1.0		9-12	
VAVisualArts1	286100	1.0		9-12	All
VAVisualArts2	286200	1.0		9-12	All
VAVisualArts3	286300	1.0		9-12	All
VAVisualArts4	286400	1.0		9-12	All
Visual Arts, SL, IB	280105	1.0	+1.00	9-12	
Studio Art 2-D Design, AP	280103	1.0	+1.00	11-12	
Studio Art 3-D Design, AP	280104	1.0	+1.00	11-12	
Studio Art Drawing, AP	280102	1.0	+1.00	11-12	



Visual Arts		
<p>Introduction to Visual Arts I Course ID# 286100</p> <p>This one credit course, novice level, it is the first of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a general foundation in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.</p> <p>PREREQUISITE: None</p>	1.0	
<p>Visual Arts II Course ID# 286200</p> <p>This one credit course, intermediate level, it is the second of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more in depth study of foundations in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.</p> <p>PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR.</p>	1.0	
<p style="text-align: center;">Visual Arts III Course ID# 286300</p> <p>This one credit course, accomplished level, it is the third of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a comprehensive study in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.</p> <p>PREREQUISITE: VISUAL ARTS II OR APPROVAL OF THE INSTRUCTOR.</p>	1.0	
<p style="text-align: center;">Visual Arts IV Course ID# 286400</p> <p>This one credit course, advanced level, it is the fourth of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts</p>	1.0	



<p>communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with an advanced study in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.</p> <p>PREREQUISITE: VISUAL ARTS III OR APPROVAL OF THE INSTRUCTOR.</p>	
<p>Introduction to Digital Photography I Course ID# 286103</p> <p>This one credit course, novice level, it is the first of a sequential high school course focusing on digital photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how photography communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a general foundation of digital photography, elements and principles of design; aesthetics; criticism; art/photography history; evaluation of photographic artwork; proper care and storage of digital photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems; minimal use of analog photography may be incorporated.</p> <p>PREREQUISITE: None</p>	1.0
<p>Digital Photography II Course ID# 286203</p> <p>This one credit course, intermediate level, it is the second of a sequential high school course focusing on digital photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how photography communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more in depth study in foundations of digital photography, elements and principles of design; aesthetics; criticism; art/photography history; evaluation of photographic artwork; proper care and storage of digital photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems; minimal use of analog photography may be incorporated.</p> <p>PREREQUISITE: INTRODUCTION TO DIGITAL PHOGOTGRAHY OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Digital Photography III Course ID# 286303</p> <p>This one credit course, accomplished level, it is the third of a sequential high school course focusing on photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how photography communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a comprehensive study of analog photography, elements and principles of design; aesthetics; criticism; art/photography history; evaluation of</p>	1.0



<p>photographic artwork; proper care and storage of analog photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems; minimal use of digital photography may be incorporated.</p> <p>PREREQUISITE: PHOGOTGRAHY II OR APPROVAL OF THE INSTRUCTOR.</p>	
<p>Digital Photography IV Course ID# 286403</p> <p>This one credit course, advanced level, it is the fourth of a sequential high school course focusing on photography. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how photography communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with an advanced study of analog photography, elements and principles of design; aesthetics; criticism; art/photography history; evaluation of photographic artwork; proper care and storage of analog photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems; minimal use of digital photography may be incorporated.</p> <p>PREREQUISITE: PHOGOTGRAHY III OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Ceramics (II) Course ID# 286207</p> <p>This one credit course, intermediate level, is first of a sequential high school course focusing on the medium of ceramics. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how ceramics communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more in depth foundation in the ceramic studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary ceramic process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.</p> <p>PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Ceramics (III) Course ID# 286307</p> <p>This one credit course, accomplished level, is second of a sequential high school course focusing on the medium of ceramics. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how ceramics communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a comprehensive study in the ceramic studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary ceramic process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.</p> <p>PREREQUISITE: CERAMICS OR APPROVAL OF THE INSTRUCTOR</p>	1.0

<p>Ceramics (IV) Course ID# 286407</p> <p>This one credit course, advanced level, is third of a sequential high school course focusing on the medium of ceramics. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how ceramics communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with an advanced study in the ceramic studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary ceramic process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.</p> <p>PREREQUISITE: CERAMICS (III) OR APPROVAL OF THE INSTRUCTOR</p>	1.0
<p>Painting (II) Course ID# 286208</p> <p>This one credit course, intermediate level, is first of a sequential high school course focusing on the medium of painting. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how painting communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more formal foundation in the painting studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary painting process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment, and materials are emphasized.</p> <p>PREREQUISITE: INTRODUCTION TO VISUAL ARTS OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Painting (III) Course ID# 286308</p> <p>This one credit course, accomplished level, is second of a sequential high school course focusing on the medium of painting. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how painting communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a comprehensive study in the painting studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary painting process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment, and materials are emphasized.</p> <p>PREREQUISITE: PAINTING OR APPROVAL OF THE INSTRUCTOR.</p>	1.0
<p>Painting (IV) Course ID# 286408</p> <p>This one credit course, advanced level, is third of a sequential high school course focusing on the medium of painting. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how painting communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a</p>	1.0

<p>advanced study in the painting studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary painting process, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment, and materials are emphasized. PREREQUISITE: PAINTING II OR APPROVAL OF THE INSTRUCTOR.</p>	
<p>Studio Art Drawing, AP Course ID# 280102 College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; portfolio production; demonstrate mastery of drawing in concept, composition, and execution; develop a body of work investigating a visual idea in drawing; variety of concepts and approaches in drawing; documentation PREREQUISITE: Teacher recommendation required This course does not fulfill the fine arts requirement for graduation</p>	1.0
<p>Studio Art Two-Dimensional Design, AP Course ID# 280103 College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; portfolio production; demonstrate mastery of design in concept, composition, and execution; develop a body of work investigating a visual idea in 2-D design; variety of concepts and approach in 2-D design; documentation PREREQUISITE: Teacher recommendation required This course does not fulfill the fine arts requirement for graduation</p>	1.0
<p>Studio Art Three-Dimensional Design, AP Course ID# 280104 College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; portfolio production; demonstrate mastery of design in concept, composition, and execution; develop a body of work investigating a visual idea in 3-D design; variety of concepts and approach in 3-D design; documentation PREREQUISITE: Teacher recommendation required This course does not fulfill the fine arts requirement for graduation</p>	1.0
<p>Visual Arts, SL, IB Course ID# 280105 Content relating to visual art including an emphasis on creativity in the context of disciplined, practical research into the relevant genres and reflect an eclectic attempt to combine contrasting aesthetics and forms of assessment from around the world. PREREQUISITE: Available only to IB juniors and seniors pursuing IB Diploma. This course does not fulfill the fine arts requirement for graduation</p>	1.0



Foreign Language Course Descriptions

Course	Credits
French 1 Course ID #270023 In this course, the students will begin the study of French while introducing them to the study of the culture. They will be introduced to basic pronunciation, vocabulary, grammar, and culture are included in the course. Acquisition of Level I knowledge and skills helps students understand their own language and culture, connect the use of the target language with other disciplines, develop insight into cultures other than their own, and participate more fully in the global community.	1.0
French 2 Course ID # 270024 In this course, the students will build upon knowledge and skills acquired in the Level I course. This course will focus on gaining facility in handling more advanced elements of communication, broadening insights into French culture while enhancing the connections they make with other disciplines, the community, and the world.	1.0
French 3 Course ID # 270025 In this course, the students will continue the development of communicative competence in French and on building a deeper understanding of the cultures of those who speak the language. Students are able to use basic language structures with an increased level of accuracy and recombine learned material to express their thoughts. They study more complex features French, progressing from concrete to abstract concepts.	1.0
French 4 Course ID # 270026 In this course, the students will master complex features of the language and to comprehend more abstract concepts. Students are introduced to a wide variety of texts that employ a greater variety of language as well as cultural references and figures of speech. They are able to understand materials presented on a variety of topics related to contemporary events and issues in the French culture.	1.0
French B, SLIB Course ID # 270028 This is a language acquisition course for students with some previous experience of learning the language. While studying the language, students also explore the culture(s) connected with it. Productive and receptive skills are developed through contextualized study of language, texts and themes. Intercultural understanding and plurilingualism are key goals of this course. Students are exposed to a variety of authentic texts and they produce work in a variety of communicative contexts	1.0
Spanish 1 Course ID # 270153 In this course, the students will begin the study of Spanish while introducing them to the study of the culture. They will be introduced to basic pronunciation, vocabulary, grammar, and culture are included in the	1.0



<p>course. Acquisition of Level I knowledge and skills helps students understand their own language and culture, connect the use of the target language with other disciplines, develop insight into cultures other than their own, and participate more fully in the global community. Upon completion of Level I, a student's proficiency level may range from Novice Mid to Novice High.</p>	
<p>Spanish 2 Course ID # 270154 In this course, the students will build upon knowledge and skills acquired in the Level I course. This course will focus on gaining facility in handling more advanced elements of communication, broadening insights into Spanish culture while enhancing the connections they make with other disciplines, the community, and the world. Upon completion of Level II, a student's proficiency level may range from Novice High to Intermediate Low.</p>	1.0
<p>Spanish 3 Course ID # 270155 In this course, the students will continue the development of communicative competence in Spanish and on building a deeper understanding of the cultures of those who speak the language. Students are able to use basic language structures with an increased level of accuracy and recombine learned material to express their thoughts. They study more complex features Spanish, progressing from concrete to abstract concepts. Upon completion of French 3, a student's proficiency level may range from Intermediate Low to Intermediate Mid.</p>	1.0
<p>Spanish 4 Course ID # 270156 In this course, the students will master complex features of the language and to comprehend more abstract concepts. Students are introduced to a wide variety of texts that employ a greater variety of language as well as cultural references and figures of speech. They are able to understand materials presented on a variety of topics related to contemporary events and issues in the Spanish culture. Upon completion of Level 4, a student's proficiency level may range from Intermediate Mid to Intermediate High.</p>	1.0
<p>Spanish Language, AP Course ID # 270157 This course is designed to provide advanced high school students with a rich and rigorous opportunity to study the language and culture of the Spanish speaking world that is approximately equivalent to an upper intermediate college or university Spanish course. This course take a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness.</p>	1.0
<p>Spanish B, SLIB Course ID# 270159 This is a language acquisition course for students with some previous experience of learning the language. While studying the language, students also explore the culture(s) connected with it. Productive and receptive skills are developed through contextualized study of language, texts and</p>	1.0 1.0



themes. Intercultural understanding and plurilingualism are key goals of this course. Students are exposed to a variety of authentic texts and they produce work in a variety of communicative contexts	
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Mathematics Course Descriptions

Course	Credits
<p>Algebra I Course ID# 210005</p> <p>Algebra I is a formal, in-depth study of algebraic concepts and the real number system. Algebra I re-enforce concepts presented in earlier courses and permits students to explore new, more challenging content which prepares them for further study in mathematics. The course focuses on the demonstration of the useful application of course content and on the development of student understanding of central concepts.</p>	1.0
<p>Algebra I, Advanced Course ID# 210007</p> <p>Advanced Algebra I is rigorous in application and problem solving. It augments the current curriculum (see Algebra I) with additional concepts from the general theory of equations, properties of exponents, and it provides opportunities for the student to develop mathematical maturity. Curriculum will consist of activities from Laying the Foundations Modules.</p> <p>PREREQUISITE: Recommendation</p>	1.0
<p>Geometry Course ID# 210010</p> <p>Geometry provides students with knowledge about shapes and properties and assists with the development of spatial sense, critical for further study in mathematics and for everyday life. In this course, students are engaged in problematic situations in which they form conjectures, determine the validity of these conjectures, and defend their conclusions to classmates. Emphasis is placed on the power of deductive reasoning although students may write proofs in a variety of formats. The use of technology as a powerful mathematical tool is also encouraged.</p> <p>PREREQUISITE: Successful completion of Algebra I</p>	1.0
<p>Geometry, Advanced Course ID# 210012</p> <p>Advanced Geometry is rigorous in proof and is designed to challenge the capable mathematics student to develop skills in critical thinking, logical reasoning, and problem solving. It augments the current curriculum (see Geometry) with additional concepts and more formal proofs. Curriculum will consist of activities from Laying the Foundations Modules.</p> <p>PREREQUISITE: Successful completion of Algebra I, Advanced or recommendation</p>	1.0
<p>Algebraic Connections Course ID# 210015</p> <p>Algebraic Connections is a course that provides students with a bridge to courses beyond the level of Algebra I and Geometry and to the mathematical empowerment needed to make responsible financial and economic decisions. It is designed for students who need additional mathematical experiences prior to enrollment in Algebra II or Algebra II with Trig. This course integrates topics from algebra, geometry, measurement, and probability and statistics with an emphasis on real-world applications.</p>	1.0

<p>PREREQUISITES: Successful completion of Algebra I and Geometry and teacher recommendation. Students with an average <75 in Algebra I or Geometry would benefit from this course. This course may not be taken after Algebra II w/Trig.</p>	
<p>Algebra II with Trigonometry Course ID# 210017 Algebra II with Trigonometry focuses on problem-solving skills that use a variety of methods to encourage the development of improved communication skills and foster a deeper understanding of the content area. Applications involving real-life situations are incorporated to provide students with an appreciation of the power of algebra. PREREQUISITE: Successful completion of Geometry or Geometry, Advanced and recommendation of mathematics teacher</p>	1.0
<p>Algebra II Course ID# 210016 Algebra II is a terminating course designed to extend students' algebraic knowledge and skills beyond Algebra I. Students are encouraged to solve problems using a variety of methods that promote the development of improved communication skills and foster a deeper understanding of mathematics. To help students appreciate the power of algebra, application-based problems are incorporated throughout the course. The use of appropriate technology is also encouraged for numerical and graphical investigations. In contrast to Algebra II with Trigonometry, this course does not provide sufficient background to prepare students to pursue higher-level mathematics courses. PREREQUISITES: Successful completion of Algebra I and Geometry.</p>	1.0
<p>Algebra II with Trigonometry, Advanced Course ID# 210017 Advanced Algebra II with Trigonometry focuses on problem-solving skills that use a variety of methods to encourage the development of improved communication skills and foster a deeper understanding of the content area. Curriculum will consist of activities from Laying the Foundations Modules. PREREQUISITE: Successful completion of Geometry or Geometry Advanced and recommendation of mathematics teacher</p>	1.0
<p>Precalculus Course ID# 210020 Precalculus is designed primarily for those students considering careers in mathematical or scientific fields of study. This challenging curriculum includes an expanded study of polynomial functions, conic sections, logarithmic and exponential equations, and the real-life applications of these topics. Students apply a variety of problem-solving strategies, incorporating the use of graphing calculators and other technological tools that extend beyond the traditional paper-and-pencil drill and practice. PREREQUISITES: Successful completion of Algebra II with Trigonometry, Advanced</p>	1.0
<p>Advanced Placement Calculus Workshop Course ID# 210025 AP Calculus Workshop is designed to introduce the student to the following concepts: introduction to limits and rates of change, derivatives, inverse functions and integrals. This elective course prepares students for AP Calculus and may be taken concurrently with AP Calculus.</p>	1.0 Elective Credit

<p>PREREQUISITES: Successful completion of Precalculus; taken simultaneously with AP Calculus</p>	
<p>Advanced Placement Calculus Course ID# 210025 Advanced Placement Calculus consists of a full academic year of work in calculus and related topics comparable to courses in colleges and universities. The curriculum includes all prerequisites for a first semester course in elementary functions and calculus. A major concentration of the course work will be on topics in differential and integral calculus. Students who successfully complete this course and pass the Advanced Placement examination with a minimum score of 3 qualifies for advance college placement and/or credit.</p> <p>PREREQUISITES: Successful completion of Precalculus</p>	1.0
<p>Advanced Placement Statistics Workshop Course ID#210027 AP Statistics Workshop curriculum introduces students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. This course may be taken concurrently with AP Statistics.</p> <p>PREREQUISITES: Successful completion of Algebra II with Trig</p>	1.0 Elective Credit
<p>Advanced Placement Statistics Course ID# 210027 Advanced Placement Statistics consists of a full academic year of work in statistics and related topics comparable to courses in colleges and universities. Students are exposed to four broad topics: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students who successfully complete this course and pass the Advanced Placement examination with a minimum score of 3 qualifies for advance college placement and/or credit.</p> <p>PREREQUISITES: Successful completion of Algebra II with Trig</p>	1.0
<p>Advanced Placement Computer Science Principles Course ID# 520018 Advanced Placement Computer Science Principles is designed to be equivalent to a first- semester introductory college computing course. Students will develop computational thinking skills such as using computational tools to analyze and study data and working with large data sets to analyze, visualize and draw conclusions from trends.</p> <p>PREREQUISITES: Successful completion of Algebra II with Trig</p>	1.0
<p>IB Mathematics Studies SL Course ID# 210028 Math Studies provides a structured introduction to areas of emphasis in most postsecondary studies of mathematics in preparation for IB assessments. Topics covered in this one-year course include Number Properties and Algebra, Set and Logic, Probability and Statistics, Functions, Geometry and Trigonometry, and Introductory Differential Calculus. To assist students with numerical and graphical analysis, the use of advanced technological tools is required. The students most likely to select this course are those whose main interests lie outside the field of mathematics.</p> <p>PREREQUISITES: Available only to IB juniors and seniors pursuing IB Diploma.</p>	1.0
<p>IB Mathematics SL 1 Course ID# 210029</p>	1.0



<p>This two-year course covers the Advanced Pre-Calculus curriculum in addition to producing portfolio work for the IB diploma. For students who plan to pursue subjects such as engineering, chemistry, economics, psychology, and business administration, they should select Mathematics SL for the IB diploma program. PREREQUISITES: Available only to IB juniors and seniors pursuing IB Diploma.</p>	
<p>Ready for High School Mathematics Course ID# 210033 This elective course emphasizes understanding of mathematics concepts rather than just memorizing procedures. Students learn why to use a certain formula or method to solve a problem. By engaging students in real-world applications, Ready for High School Math develops critical thinking skills that students will use throughout their high school studies. This elective course will assist 9th grade students to be successful in Algebra I.</p>	1.0 Elective Credit
<p>Math Ready Course ID# 210039 This elective course emphasizes understanding of mathematics concepts rather than just memorizing procedures. Math Ready students learn the context behind procedures and understand why to use a certain formula or method to solve a problem. By engaging students in real-world applications, Math Ready develops critical thinking skills students will use in college and careers. This elective course may be taken in conjunction with a 4th mathematics course.</p>	1.0 Elective Credit

Science Course Descriptions

Ninth (9th) Grade Science Core Courses	
Ninth	
<p>Biology Course ID# 220011 The Biology Core should include scientific knowledge emphasizing in-depth study of the strands of Structure and Function of Living Systems, Diversity and Adaptations, Heredity and Reproduction, and Organisms and Environment. Although emphasis is on Life Science content, many possible connections to topics in the Physical Science and Earth and Space Science domains can be made. Curriculum will consist of laboratory activities from Laying the Foundation Modules and Alabama Science in Motion Modules. Laboratory investigations include microscopic work, hands-on studies based on science and engineering practices. Literacy skills are critical to building knowledge in science.</p> <p>Prerequisite: None</p>	1.0 Core
<p>Advanced Biology Course ID# 220013 The Biology Core should include scientific knowledge emphasizing in-depth study of the strands of Structure and Function of Living Systems, Diversity and Adaptations, Heredity and Reproduction, and Organisms and Environment. Curriculum will consist of laboratory activities from Laying the Foundations Modules and Alabama Science in Motion Modules. A science research paper and project are a requirement for student taking (Advanced) biology. This course is intended to be a hands-on laboratory experience in which the student can research, examine, experiment, and communicate oral and written conclusions about various topics.</p> <p>Prerequisite: Recommendation of the previous science teacher</p>	1.0
Tenth (10th) Grade Science Core Courses	
<p>Physical Science Course ID# 220051 Physical Science is an inquiry-based core subject which includes foundational concepts and skills in Chemistry and Physics. Emphasis is placed on three Scientific Knowledge strands: Properties and Changes in Matter, Forces and Motions, and Interactions of Energy and Matter. Laboratory investigations include microscopic work, hands-on studies based on science and engineering practices. Literacy skills are critical to building knowledge in science.</p> <p>Prerequisite: Successful completion of Biology</p>	1.0 Core
<p>Chemistry Course ID# 220061 The Chemistry Core content defines the fundamental knowledge and skills necessary to understand concepts associated with the structure, forms, changes,</p>	1.0

<p>Advanced Placement Chemistry Course ID # 220064</p> <p>This is a college level class that follows the College Board curriculum and focuses on advanced topics in stoichiometry, chemical equilibrium, thermochemistry, biochemistry, and organic chemistry. It is highly recommended that students take the College Board AP Chemistry Exam.</p> <p><u>Prerequisites:</u> Successful completion of Chemistry, Algebra II or currently taking Algebra II, and science teacher recommendation.</p>	1.0
<p>Advanced Physics Course ID# 220073</p> <p>Physics is the branch of science that addresses the properties of physical matter, physical quantities, and their relationships. It provides opportunity for students to expand their knowledge of physical phenomena through an in-depth study of the two Physical Science strands: (1) Forces and Motions and (2) Interactions of Energy and Matter. Physics consists of studies of motion, force, energy, heat, light, sound, fluids, electricity, and magnetism. Curriculum will include laboratory activities from Laying the Foundation Modules and Alabama Science in Motion (ASIM) Modules. <u>Prerequisites:</u></p> <p>Successful completion of Physical Science or Chemistry and Alg II</p>	1.0
<p>Advanced Placement Physics Workshop (Lab) Course ID # 220073af</p> <p>AP Physics Workshop is designed to introduce the student to AP inquiry instruction that encourages students to construct and/or discover knowledge with an understanding of how scientists study the natural world. Inquiry teaching expands beyond investigations, experiments, and field experiments to include classroom experiences including science and engineering practices and preparation for AP Physics.</p>	1.0



Ninth (9th) Grade Science Core Courses	
Ninth	
<p>Biology Course ID# 220011 The Biology Core should include scientific knowledge emphasizing in-depth study of the strands of Structure and Function of Living Systems, Diversity and Adaptations, Heredity and Reproduction, and Organisms and Environment. Although emphasis is on Life Science content, many possible connections to topics in the Physical Science and Earth and Space Science domains can be made. Curriculum will consist of laboratory activities from Laying the Foundation Modules and Alabama Science in Motion Modules. Laboratory investigations include microscopic work, hands-on studies based on science and engineering practices. Literacy skills are critical to building knowledge in science.</p> <p>Prerequisite: Successfully completed grade 8</p>	1.0
<p>Advanced Biology Course ID# 220013 The Biology Core should include scientific knowledge emphasizing in-depth study of the strands of Structure and Function of Living Systems, Diversity and Adaptations, Heredity and Reproduction, and Organisms and Environment. Curriculum will consist of laboratory activities from Laying the Foundations Modules and Alabama Science in Motion Modules (ASIM). A science research paper and project are a requirement for student taking (Advanced) biology. This course is intended to be a hands-on laboratory experience in which the student is able to research, examine, experiment, and communicate and oral and written conclusions about various topics.</p> <p>Prerequisite: Recommendation of the previous science teacher and the desire to enter the Honors track</p>	1.0



Tenth (10th) Grade Science Core Courses		
<p>Physical Science Course ID# 220051</p> <p>Physical Science is an inquiry-based core subject including basic concepts and skills in Chemistry and Physics that are considered foundational in those disciplines. Emphasis is placed on three Scientific Knowledge strands: Properties and Changes in Matter, Forces and Motions, and Interactions of Energy and Matter. Laboratory investigations(ASIM) include microscopic work, hands-on studies based on science and engineering practices. Literacy skills are critical to building knowledge in science.</p> <p>Prerequisite: Successful completion of Biology</p>	1.0	
<p>Chemistry Course ID# 220061</p> <p>The Chemistry Core content defines the fundamental knowledge and skills necessary to understand concepts associated with the structure, forms, changes, availability, and uses of matter and energy. Technology should be used to measure (quantify), to probe, and to analyze matter and energy. This technology includes probe ware and devises such as spectrosopes that can be interfaced with computer - or calculator-based programs so that data are acquired directly during investigations both inside and outside the school laboratory.</p> <p>Prerequisites: Teacher recommendation and successful completion of Algebra I</p>	1.0	
<p>Advanced Chemistry Course ID# 220063 Grades 10-12</p> <p>Advanced Chemistry is a laboratory oriented course that investigates chemical concepts, chemical reactions, physical and chemical equilibrium, and organic and nuclear changes. This rigorous course is designed to provide to provide students college preparatory opportunities with problem-solving, critical thinking, technical writing, and science research skills. Technology should be used to measure (quantify), to probe, and to analyze matter and energy. Curriculum will consist of laboratory activities from Laying the Foundations Modules and Alabama Science in Motion Modules. A science research paper and project are a requirement for students taking honors chemistry. This course is intended to be a hands-on laboratory experience in which the student is to examine, experiment, and make conclusions about various topics in preparation for AP Chemistry.</p> <p>Prerequisite: Successful completion of Biology with a Biology teacher recommendation, and enrolled in Algebra II</p>	Credits 1.0	

<p>Advanced Placement Chemistry Workshop Course ID# 220064ac This course exposes students to an inquiry-based mathematical approach to the natural world. The class focuses on advanced topics in stoichiometry, chemical equilibrium, thermochemistry, biochemistry, and organic chemistry. Students are expected to take the College Board Advanced Placement Chemistry Exam.</p> <p><u>Prerequisites:</u> Successful completion of Chemistry, Algebra I or currently taking Algebra II, and science teacher recommendation.</p>	1.0
<p>Advanced Placement Chemistry Course ID # 220064 This is a college level class that follows the College Board curriculum and focuses on advanced topics in stoichiometry, chemical equilibrium, thermochemistry, biochemistry, and organic chemistry. It is highly recommended that students take the College Board AP Chemistry Exam.</p> <p><u>Prerequisites:</u> Successful completion of Chemistry, Algebra II or currently taking Algebra II, and science teacher recommendation.</p>	1.0
<p>Advanced Physics Course: ID# 220073 Physics is the branch of science that addresses the properties of physical matter, physical quantities, and their relationships. It provides opportunity for students to expand their knowledge of physical phenomena through an in-depth study of the two Physical Science strands: (1) Forces and Motions and (2) Interactions of Energy and Matter. Physics consists of studies of motion, force, energy, heat, light, sound, fluids, electricity, and magnetism. Curriculum will include laboratory activities from Laying the Foundations Modules and Alabama Science in Motion Modules.</p> <p><u>Prerequisites:</u> Successful completion of Physical Science or Chemistry and Alg II</p>	1.0
<p>Advanced Placement Physics Workshop Course(Lab) ID # 220073af AP Physics Workshop is designed to introduce the student to AP inquiry instruction that encourages students to construct and/or discover knowledge with an understanding of how scientists study the natural world. Inquiry teaching expands beyond investigations, experiments, and field experiments to include classroom experiences including science and engineering practices and preparation for AP Physics.</p>	1.0

<p>Advanced Placement Physics Course ID #220057</p> <p>This is a college level class, which follows the College Board curriculum and focuses on advanced topics in both classical and modern physics. Mathematical modeling and laboratory experimentation techniques are integral components for complex problem solving. Fundamental concepts of physics are developed through lectures, demonstrations, and laboratory and computer experience. This course is designed for the college bound student and used to satisfy college science requirements. It is highly recommended that students take the College Board AP Physics exam.</p> <p><u>Prerequisites:</u> Successful completion of Physics, PreCalc-Trigonometry and physics teacher recommendation.</p>	<p>Credits 1.0</p>
<p>Human Anatomy & Physiology Course ID # 220026</p> <p>The Anatomy and Physiology course contains content regarding the structure and function of the components of the human body. It is designed especially for students who are interested in pursuing careers in the medical and allied health fields.</p> <p>Among the topics students will study are the structure and function of cells, tissues, and organs; organization of the human body; biochemistry; and the skeletal, muscular, nervous, endocrine, digestive, respiratory, circulatory, lymphatic, immune, excretory, and reproductive systems. The laboratory setting encourages students to apply the knowledge and processes of science while independently seeking answers to questions of personal interest and importance.</p> <p><u>Prerequisites:</u> Successful completion of Biology, Physical Science or Chemistry.</p>	<p>1.0</p>
<p>Environmental Science Course ID # 220029</p> <p>Environmental Science introduces students to a broad view of the biosphere and the physical parameters that affect it. The course emphasizes Physical and Earth Science components involved in biogeochemical cycles that impact biomes.</p> <p>Students study a variety of topics including biotic and abiotic factors in habitats, ecosystems, and biomes; interrelationships between resources and environmental systems; sources and flow of energy through environmental systems; factors that influence carrying capacity; and natural and man-made environmental changes.</p> <p><u>Prerequisite:</u> Biology, Physical Science or Chemistry</p>	<p>1.0</p>



<p>Advanced Placement Environmental Science Course ID # 220032</p> <p>The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them in our natural world.</p> <p>Prerequisites: One year of Biology, Chemistry, Algebra, possibly a course in Earth Science</p>	1.0
<p>AP Environmental Science Workshop (Lab) Course ID # 220032 (ac)</p> <p>AP Environmental Science is a double-block, year-long class for juniors and seniors. The interdisciplinary nature of environmental sciences will be stressed through intensive laboratory and field experiences, research, analyzing primary and secondary sources, analytical writing, classroom discussions and lectures.</p> <p>Classes will take advantages of the rich landscape of Alabama.</p> <p>Prerequisite: Enrolled in AP Environmental Science</p>	Credits 1.0



Earth and Space Science

Course ID # 220081

1.0

The foundation of the course is taken from two disciplinary core ideas in the Earth and Space Science domain. The first core idea, Earth's Place in the Universe, addresses the concepts of the universe and its stars, Earth and the solar system, and the history of planet Earth. The second core idea, Earth's Systems, examines Earth's materials and systems, plate tectonics and large-scale system interactions, the roles of water in Earth's surface processes, weather and climate, and biogeology. Integrated within the disciplinary core ideas of Earth and Space Science are the Engineering, Technology, and Applications of Science (ETS). The ETS core ideas require students to use tools and materials to solve simple problems and to use representations to convey design solutions to a problem and determine which is most appropriate.

Prerequisites: Completed Biology and a Physical Science with laboratory experiences.

2. Engage in argument from evidence to compare various theories for the formation and changing nature of the universe and our solar system (e.g., Big Bang Theory, Hubble's law, steady state theory, light spectra, motion of distant galaxies, composition of matter in the universe).

3. Evaluate and communicate scientific information (e.g., Hertzsprung-Russell diagram) in reference to the life cycle of stars using data of both atomic emission and absorption spectra of stars to make inferences about the presence of certain elements.

4. Apply mathematics and computational thinking in reference to Kepler's laws, Newton's laws of motion, and Newton's gravitational laws to predict the orbital motion of natural and man-made objects in the solar system.

5. Use mathematics to explain the relationship of the seasons to the tilt of Earth's axis (e.g., zenith angle, solar

<p>IB Biology HL 11 Course ID # 220016</p> <p><i>Prerequisite: Available only to IB juniors pursuing IB Diploma. Students must remain in IB Biology for both their junior and senior years.</i></p> <p>This course introduces college-level Biology topics, which are covered in the Higher Level IB assessments. Emphasis is placed on extensive laboratory experiences that apply scientific knowledge. Students keep a laboratory notebook in order to complete the IB laboratory component of the course.</p>	1.0
<p>IB Chemistry HL 11 Course ID # 220065</p> <p><i>Prerequisite: Available only to IB juniors pursuing IB Diploma. Students must remain in IB Chemistry for both their junior and senior years.</i></p> <p>This course introduces college-level Chemistry topics which are covered in the Higher Level IB assessments. Emphasis is placed on extensive laboratory experiences that apply scientific knowledge. Students keep a laboratory notebook in order to complete the IB laboratory component of the course.</p> <p>Revised July 2016</p>	1.0
<p>IB Biology HL 12</p> <p><i>Prerequisite: IB Biology 11</i></p> <p>This course continues the advanced study of college-level Biology topics, which are covered in the Higher Level IB assessments. Emphasis is placed on extensive laboratory experiences that apply scientific knowledge. Students keep a laboratory notebook in order to complete the IB laboratory component of the course.</p>	1.0
<p>IB Chemistry HL 12</p> <p><i>Prerequisite: IB Chemistry 11</i></p> <p>This course extends the study of college-level Chemistry topics which are covered in the Higher Level IB assessments. Emphasis is placed on extensive laboratory experiences that apply scientific knowledge. Students keep a laboratory notebook in order to complete the IB laboratory component of the course.</p>	1.0

Social Studies Course Descriptions

<p>Social Studies 9- World History: 1500 to the Present Course ID 230013 W H 1500-P</p> <p>World History 9 allows students to analyze the development and changes in European, Asia, African, and American civilizations and ways in which the interactions of these cultures have influenced the formation of today’s world. Geographic concepts are used to enhance student comprehension of global connections and understanding of a wide variety of cultures, both historical and contemporary. Instructional practices foster the development of content literacy and historical thinking skills. A variety of visual stimuli should be used such as charts, graphs, and maps. Multiple opportunities should be provided to participate in educational strategies that utilize active civic participation, oral presentation, electronic and print media (primary & secondary sources), technology, small-group collaboration, academic writing, and independent research.</p> <p>Recommended Pre-requisite: Social Studies 8 (230011)-World History to 1500</p>	<p>1.0</p>
<p>Social Studies 9*Pre-AP World History: 1500 to the Present Course ID 230015 WH1500-P Adv World Hist:1500-Present AdvGr9</p> <p>Advanced World History 9 is an advanced level course that incorporates Pre-Advanced Placement instructional strategies as students analyze the development and changes in European, Asian, African, and American civilizations and ways in which the interactions of these cultures have influenced the formation of today’s world. Geographic concepts are important in the knowledge and comprehension of a variety of cultures and in understanding global connections. Instructional practices foster the development of content literacy and historical thinking skills. A variety of visual stimuli should be used such as charts, graphs, and maps. Multiple opportunities should be provided to participate in educational strategies that utilize active civic participation, oral presentation, electronic and print media (primary & secondary sources) small-group collaboration, academic writing, and independent research. This course is designed to prepare students for AP level courses in grades 11 & 12 and introduce students to college-level critical thinking utilizing document based questions (DBQ), Depth of Knowledge levels 3 & 4). Focus is given to writing skills and supporting historical arguments and perspectives.</p> <p>Pre-requisite: World History 8 –World History to 1500 Course ID 230011</p> <p style="text-align: center;">WRLD HIST 08</p>	<p>1.0</p>

<p>Recommended Pre-requisite: Pre-AP Social Studies 8-World History: to 1500</p>	
<p>Social Studies 10- United States History I-Beginnings to the Industrial Revolution Course ID 230016 USHis I G10 U S History I Gr10</p> <p>U S. History 10 provides opportunities for students to analyze the social, economic, geographic, and political developments in the United States over five centuries. Students begin their study with the earliest discoveries on the North American continent and follow a chronological history of the major issues, movements, leaders, and groups of people of the United States from a national and an Alabama perspective. A variety of visual stimuli should be used such as charts, graphs, and maps. Historical Thinking Skills are enhanced through the use of primary sources, debate, presentations, simulations, and analysis of complex issues. Opportunities should be provided for active civic participation, social science research and writing, critical thinking, and development of technology skills.</p> <p>Pre-requisite: Social Studies 9- World History 1500 to Present</p>	1.0
<p>Social Studies 10 * (Adv) U. S. History I-Beginnings to the Industrial Revolution Course ID 230018 USHis I Adv U S History I, Adv Gr 10</p> <p>Pre-AP U. S. History 10 (U.S. History I Advanced) is an advanced level course that employs Pre-Advanced Placement strategies as students analyze the social, economic, political, and geographic developments in the United States over five centuries. Students begin their study with the earliest discoveries on the North American continent and follow a chronological history of the major issues, movements, leaders, and groups of people of the United States from a national and an Alabama perspective. Students develop a geographic understanding of historical events and their impact on American society and culture. A variety of visual stimuli should be used such as charts, graphs, and maps. This course is designed for the successful completion of AP Social Studies Courses and the rigor of college level reading, writing and critical thinking.</p> <p>Pre-requisite: Social Studies 9- World History 1500 to Present Course ID 230013 W H 1500-P World Hist:1500 to Present Gr9</p> <p>Recommended Pre-requisite: Pre-AP Social Studies 9 – World History 1500 to the Present</p>	1.0
<p>Social Studies 11-U. S. History II-Industrial Revolution to the Present Course ID 230019 USHis InD-P U S History Ind Rev-P Gr 11</p> <p>U. S. History 11 allows students to analyze the economic, social, and political development of the United States beginning with the Post-</p>	1.0

<p>Reconstruction period. Students engage in a study of the major issues, movements, leaders, and groups of people through the present time from a national and an Alabama perspective. Students develop a geographic understanding of historical events and their impact on American society and culture. A variety of visual stimuli should be used such as charts, graphs, and maps. Content Literacy and Historical Thinking Skills are enhanced through the use of primary sources, debate, presentations, simulations, and analysis of complex issues. Opportunities should be provided for active civic participation, social science research and writing, critical thinking, and development of technology skills.</p> <p>Pre-requisite: Social Studies 10-U. S. History I-Beginnings to the Industrial Revolution</p>	
<p>Social Studies 11*AP U. S. History-11 Course ID 230022 US HistoryAP United States History, AP Advanced Placement (AP) U. S. History 11 is an advanced level course that utilizes Advanced Placement college level content standards as students analyze the economic, social, and political development of the United States from the earliest discoveries on the American continent to the present. Students enhance their geographic understanding of historical events and develop historical thinking skills to analyze complex texts, primary and secondary sources, charts, maps, and graphs. Course content follows Advanced Placement curriculum guides- focusing on historical eras and themes. Students engage in college level research and writing, deliver oral presentations, and develop technology skills. This course is designed to prepare students to make a qualifying score on the AP U. S. History Exam. Students may receive college credit for freshmen U. S., History if they score a 3 or higher on the AP U. S. History Exam.</p> <p>Pre-Requisite: Pre-AP Social Studies 10-U. S. History I, Beginnings to the Present</p>	1.0
<p>Social Studies 12 U. S. Government Course ID 230041 US Gov US Government (Semester)</p> <p>U. S. Government 12 is the equivalent of a one semester course that is paired with a semester of Economics to complete a 12th grade year of study. This course is designed to foster the development of civic competence and civic participation. Students use the knowledge of U. S. History to focus on the origins, structure, and function of government in the United States. Emphasis is placed on the intellectual foundations of a republic based on the rule of law, freedom of opportunity, individual liberty, and representative democracy. The course includes a detailed study of the U. S. Constitution. Students engage in analysis of primary sources-documents, speeches, landmark Supreme Court cases and relevant current political commentary.</p>	.5

Pre-requisite: Social Studies 11-U. S. History II-Industrial Revolution to the Present		
<p>Social Studies 12 Economics Course ID 230051 Economics Economics (Semester)</p> <p>Economics is the equivalent of a one semester course that is paired with a semester of U. S. Government to complete a 12th grade year of study. This course focuses on functions and institutions of modern-day economic systems and economic theory. Students use the knowledge and analytical thinking skills learned in grades 9-11 to analyze issues and problems in contemporary economic systems. Students will examine the consequences of public policies and their impact on current economic conditions.</p> <p>Pre-requisite: Social Studies 11-U. S. History II-Industrial Revolution to the Present</p>		.5
<p>Social Studies 12 *AP U. S. Government & Politics (1.0) Course ID 230047 USGov AP 1cr U S Gov & Politics,AP 1cr</p> <p>Advanced Placement (AP) U. S. Government & Politics employs college level critical thinking skills while providing students an analytical perspective on government in the United States. This course engages students in advanced level study of the major themes in AP U. S. Government and Politics. Course topics include the Constitutional foundation of the U. S. Government; Political Beliefs and Practices; and Mass Media; Institutions of National Government; Public Policy; and Civil Rights and Civil Liberties. Students study typical patterns of political processes and their consequences, analyze and interpret data from charts, graphs, tables, and other formats, and critically analyze and apply relevant theories and concepts. This course is designed to prepare students for the AP U. S. Government & Politics Exam.</p> <p>Pre-requisite: Social Studies 11-AP U. S. History 11</p>		1.0
Social Studies ELECTIVE COURSES		
<p>Psychology Course ID 230071</p> <p>Psychology provides a review of psychological theories, principles, and practices associated with the five major fields or domains of this field of study. The five major fields of study include methods, bio-psychological, development, cognitive, and socio-cultural. Standards for this course follow guidelines of the American Psychological Association’s National Standards for High School Psychology Curricular. Students are encouraged to use critical thinking skills employed by psychologists and employ knowledge of the brain as related to human behavior. A variety of instructional strategies</p>		.5

African American History provides a broad historical survey of the African-American experience in the United States. The course begins with an introduction to the history and culture of West Africa before 1600 and continues from the colonial period of American history through the Civil Rights Movement, focusing on major themes, key figures and social movements. The course emphasizes critical thinking and Historical Thinking Skills and utilizes a variety of instructional strategies including, oral presentations, the use of technology, research and writing, collaborative learning, and interpreting maps, charts, and graphs. This course will challenge students to explore the historical underpinnings of many contemporary social issues facing African-Americans.

Recommendation: Grades 11 & 12