

## Melbourne High School Elective Course Descriptions

<b>ADVANCED PLACEMENT COURSES</b>			
Advanced Placement Human Geography	Introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface.	Social Studies Elective	1.0 Credit
Advanced Placement World History	Six chronological periods are thematically investigated for significant events and developments as they relate to global civilization.	World History	1.0 Credit
<b>CTE ELECTIVES</b>			
Air Force: ROTC	The purpose of this course is to enable students to develop knowledge of the historical development of flight and the role of the military in history. Students also develop knowledge of the Air Force Junior Reserve Officer Training Corps (AFJROTC), individual self-control, citizenship, wellness, health, and fitness. Students practice basic drill techniques and conduct military ceremonies.	Elective	1.0 Credit
Applied Engineering Technology 1	This program provides students with a foundation of knowledge and technical experiences in the study of engineering and prepares students for postsecondary engineering programs by developing an in-depth mastery of associated mathematics, science, and technology knowledge and skills with opportunities to further their mastery of engineering-related design solutions to real world problems.	Performing Fine Arts/ Elective	1.0 Credit
Building Construction Technology 1	The purpose of this course is to develop the competencies essential to the building construction industry. These competencies include skills and knowledge related to safety practices, the proper use of hand and power tools, plan reading, basic rough carpentry and framing.	Elective	1.0 Credit
Computer Networking and Security	Class 1 of Cyber Security CTE Sequence The content includes but is not limited to foundational knowledge and skills in computer and network security, security vulnerabilities, attack mechanisms and techniques, intrusion detection and prevention, cryptographic systems, system hardening, risk identification, incidence response, penetration testing, key management, access control, and recovery. Specialized courses focus on database security, planning and analysis, software, and web security.	Vocational	1.0 Credit
Culinary Arts 1	This course is designed to acquaint students with procedures in a commercial kitchen. Topics covered include safety, breakfast, vegetable, and starch cookery. The second semester is based on commercial baking and includes breads, cakes, and pies. Lab fee required.	Elective	1.0 Credit
Digital Design 1	Develops basic entry-level skills required by the digital publishing industry. Includes computer skills, digital publishing concepts and operations, layout, design and digital imaging.	Performing Fine Arts/ Elective	1.0 Credit
Digital Information Technology	Basic overview of current business and information systems and trends. Emphasis on developing fundamental computer skills and includes the opportunity for MOS certification in Word, Excel and PowerPoint.	Performing Fine Arts/ Elective	1.0 Credit
Foundation of Web Design	This course is designed to provide students with opportunities to acquire and apply foundational skills related to web design.	Performing Fine Arts/ Elective	1.0 Credit
Health Science Foundation	This course is part of the Secondary Health Core designed to provide the student with an in depth knowledge of the health care system and associated occupations. Emphasis is placed on communication and interpersonal skills, use of technology, ethics and the development of critical thinking and problem solving skills. Students may shadow professionals throughout the course.	Elective	1.0 Credit
International Business Systems	This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers such as entry-level management trainee positions (SOC Code 11-1021) in the international business environment in the Business Management and Administration career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical	Vocational	1.0 Credit

## Melbourne High School Elective Course Descriptions

	skills, and occupation-specific skills, and knowledge of all aspects of the Business Management and Administration career cluster.		
<b>PHYSICAL EDUCATION</b>			
Hope	The purpose of these courses are to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness. Students will realize the full benefit of this course when it is taught with an integrated approach. In addition to the physical education content represented in the benchmark, specific health education topics within this course include, but are not limited to: Mental/Social Health, Physical Activity, Components of Physical Fitness, Nutrition and Wellness Planning, Diseases and Disorders, Alcohol, Tobacco, and Drug Prevention, Human Sexuality including Abstinence and HIV and Internet Safety. <b>Meets the one credit Physical Education graduation requirement.</b>	Physical Education	1.0 Credit
Individual Dual Sports 1 & 2	Develops the physical skills necessary to be competent in sports that require one or two players. Knowledge of offensive and defensive strategies and tactics and appropriate social behaviors within both competitive and non- competitive activity settings. The integration of fitness concepts throughout the content is critical to student success in this course and in the development of a healthy and physically active lifestyle	Elective	0.5 Credit
Weight Training 1 & 2	Provides students the opportunity to acquire knowledge and skills in weight training that may be used in physical fitness to improve muscular strength and endurance, and enhance their body image. Includes knowledge and assessment of muscular strength and endurance, knowledge of health problems associated with inadequate levels of muscular strength and endurance, knowledge of skeletal muscles, knowledge and application of biomedical and physiological principles to improve and maintain muscular strength and endurance, and knowledge of sound nutritional and safety practices related to weight training.	Elective	0.5 Credit
<b>WORLD LANGUAGES</b>			
French 1 German 1 Spanish 1	Level 1 introduces students to the target language and its culture. The student will develop communicative skills in all 4 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication from Novice-Low to Novice-Mid levels in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.	Elective	1.0 Credit Each
French 2 German 2 Spanish 2	Level 2 reinforces the fundamental skills acquired by the students in Level 1. The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in Level 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. Emphasis is placed on proficient communication from Novice-Mid to Intermediate-Low levels in the language. The cultural survey of the target language-speaking people is continued. <b>To be successful in upper levels of foreign language study, satisfactory completion of the previous levels or of a district approved examination for placement is necessary.</b>	Elective	1.0 Credit Each
Spanish 3 Honors	Level 3 provides mastery and expansion of skills acquired by the students in Level 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people. Emphasis is placed on proficient communication from Intermediate-Low to Intermediate-Mid levels in the language.	Elective	1.0 Credit Each
<b>PERFORMING FINE/PRACTICAL ARTS</b>			

## Melbourne High School

### Elective Course Descriptions

<p>2-D Art 1</p>	<p>This course provides opportunities to explore media and techniques used to create a variety of two-dimensional (2D) artworks through drawing, painting, printmaking, collage, and/or design. Students practice, sketch, and manipulate the basic elements of art and principles of design to improve mark-making and develop purposeful compositions created from observation, research, or imagination. Through critique processes, students learn to reflect, evaluate and respond to artwork.</p>	<p>Performing Fine Arts/ Elective</p>	<p>1.0 Credit</p>
<p>Band</p> <p><i>Note: Extra rehearsals and performances are required for these courses.</i> <i>Admission is by teacher approval through audition. Email: <a href="mailto:sall.joshua@brevardschools.org">sall.joshua@brevardschools.org</a></i></p>	<p>This year-long, entry-level class, designed for students having little or no previous band experience with woodwind, brass, and/or percussion instruments, promotes the enjoyment and appreciation of music through performance of high-quality, beginning wind and percussion literature from different times and places. Rehearsals focus on the development of critical listening/aural skills; rudimentary instrumental technique and skills, music literacy, and ensemble skills; and aesthetic musical awareness culminating in periodic public performances.</p>	<p>Performing Fine Arts/ Elective</p>	<p>1.0 Credit</p>
<p>Ceramics 1/Pottery</p>	<p>This course explores how elements of art and principles of design combine to create forms, utilitarian products and/or structures made with ceramic/pottery processes. Media may include, but are not limited to, clay and/or plaster. Basic design concepts, craftsmanship, and aesthetic values are explored through creative application of hand built, wheel, and sculpture techniques. Students focus on safety procedures for process, media, and techniques, and participate in art criticism processes to evaluate, explain, and measure artistic growth in individual or group works.</p>	<p>Performing Fine Arts/ Elective</p>	<p>1.0 Credit</p>
<p>Chorus 1</p> <p><i>Note: Extra rehearsals and performances are required</i></p>	<p>This year-long, entry-level class, designed for students with little or no choral experience, promotes the enjoyment and appreciation of music through performance of beginning choral repertoire from a variety of times and places. Rehearsals focus on the development of critical listening skills; foundational instrumental technique and skills, music literacy, and ensemble skills; and aesthetic musical awareness culminating in periodic public performances.</p>	<p>Performing Fine Arts/ Elective</p>	<p>1.0 Credit</p>
<p>Jazz Ensemble</p> <p><i>Note: Extra rehearsals and performances are required for these courses.</i> <i>Admission is by teacher approval through audition. Email: <a href="mailto:sall.joshua@brevardschools.org">sall.joshua@brevardschools.org</a></i></p>	<p>Introduces, develops and applies knowledge of styles and performance techniques of varied contemporary and early jazz literature. Includes tone production, ensemble performance, stylistic interpretation and basic improvisational techniques. Membership is selected from Band 1-6 by audition.</p>	<p>Performing Fine Arts/ Elective</p>	<p>1.0 Credit Each</p>
<p>Journalism 1</p> <p><i>Note: Application required contact <a href="mailto:yost.sharon@Brevardschools.org">yost.sharon@Brevardschools.org</a></i></p>	<p>Provides instruction in writing and production skills related to various journalistic media. Includes news-gathering and writing; development of editorials; sports and feature articles; electronic design and production; and management of journalistic enterprises.</p>	<p>Practical Arts/ Elective</p>	<p>1.0 Credit Each</p>
<p>Musical Theatre 1</p> <p><i>Note: Extra rehearsals and performances are required for these courses.</i> <i>Admission is by teacher approval through audition. Email: <a href="mailto:svickis.rodney@Brevardschools.org">svickis.rodney@Brevardschools.org</a></i></p>	<p>This is a course for students with little or limited experience in musical theatre that focuses on, but is not limited to, acting, vocal performance, dance, non-dance movement, and staging, which transfer readily to performances in musicals and other venues. Students survey the evolution of music through a humanities approach and representative literature. Music theatre students explore the unique staging and technical demands of musicals in contrast to non-musical plays. Public performances may serve as a culmination of specific instructional goals.</p>	<p>Performing Fine Arts/ Elective</p>	<p>1.0 Credit</p>
<p>Orchestra</p> <p><i>Note: Extra rehearsals and performances are required for these courses.</i> <i>Admission is by teacher approval through audition. Email: <a href="mailto:eggen.michelle@Brevardschools.org">eggen.michelle@Brevardschools.org</a></i></p>	<p>Students who have little or no orchestral experience study and perform high-quality beginning orchestra literature of diverse times and styles. Rehearsals focus on the development of critical listening skills, rudimentary string techniques, music literacy, ensemble skills, and aesthetic awareness.</p>	<p>Performing Fine Arts/ Elective</p>	<p>1.0 Credit</p>

## Melbourne High School Elective Course Descriptions

Speech 1 & 2	The purpose of this course is to develop students' beginning awareness, understanding, and application of language arts as they apply to oral communication concepts and strategies in a variety of given settings.	Performing Fine Arts	0.5 Credit Each
Technical Theatre 1: Design and Production 1	This course is a beginning level course that focuses on developing the basic skills and procedures for creating elements of technical theatre, including costumes, lighting, makeup, properties (props), publicity, scenery, and sound. Technical knowledge of safety procedures and demonstrated safe operation of theatre equipment, tools, and raw materials are central to success in this course. Students explore and learn to analyze dramatic scripts, seeking production solutions through historical, cultural, and geographic research. Students also learn the basics of standard conventions of design presentation and documentation.	Performing Fine Arts/ Elective	1.0 Credit
Theatre 1	This course is designed for students with little or no theatre experience, and promotes enjoyment and appreciation for all aspects of theatre. Classwork focuses on the exploration of theatre literature, performance, historical and cultural connections, and technical requirements. Improvisation, creative dramatics, and beginning scene work are used to introduce students to acting and character development. Incorporation of other art forms in theatre also helps students gain appreciation for other art forms, such as music, dance, and visual art.	Performing Fine Arts/ Elective	1.0 Credit
<b>ACADEMIC ELECTIVES</b>			
Creative Writing 1 & 2	The purpose of this course is to enable students to develop and use grade 9-10 writing and language skills for creative expression in a variety of literary forms. Studying and modeling a variety of genres will be emphasized at this level of creative writing.	Elective	0.5 Credit Each
Experimental Science 1 Honors/Science Research  <i>Note: Tch recommendation required on separate form</i>	Provides high level knowledge and skills related to experimental research design and scientific methodology.	Science Elective	1.0 Credit Each