**2021-2022 Overton High School Course Descriptions**

**CTE:**

**A/V PRODUCTION- BROADCASTING OR MUSIC**

A/V Production I:

A/V Production I is a foundational course in the Arts, A/V Technology, & Communications cluster for students interested in A/V (audio/visual) production occupations. Upon completion of this course, proficient students will be able to explain and complete the phases of the production process including pre-production, production, and post-production. Students will establish basic skills in operating cameras, basic audio equipment, and other production equipment. Standards in this course include career exploration, an overview of the history and evolution of A/V production, and legal issues affecting A/V production. In addition, students will begin compiling artifacts for inclusion in a portfolio, which they will carry with them throughout the full sequence of courses in this program of study.

A/V Production II:

*Prerequisite(s): A/V Production I* A/V Production II is the second course in the A/V Production program of study intended to prepare students for a careers in audio/visual production. Building on knowledge acquired in A/V Production I, this course advances technical skill in utilizing industry equipment related to lighting and audio, and it places special emphasis on the research and technical writing involved in planning productions. Upon completion of this course, proficient students will be able to plan, capture, and edit research-based productions of increasing complexity, individually and through collaboration in teams. In addition to more robust career preparation, standards in this course include an investigation of concerns affecting A/V production businesses, such as ethical and legal issues, technology, funding, and the organization of professional roles in various industries. Students will continue compiling artifacts for inclusion in their portfolios, which they will carry with them throughout the full sequence of courses in this program of study.

A/V Production III:

*Prerequisite(s): A/V Production II* A/V Production III is an applied-knowledge course intended to prepare students to pursue careers and postsecondary learning in audio/visual production. Students in this course will apply knowledge and skills from previous courses in the program of study to create productions both independently and in teams, with the option of participating in a work-based learning experience for additional credit. Students will use industry equipment and technology to complete all phases of the production process, including planning, coordinating, capturing, editing, and distributing productions. Standards in this course include policies and regulations, independent and collaborative productions, distribution of media, and the production of live events. Students will continue compiling artifacts for inclusion in their portfolios, which they will carry with them throughout the full sequence of courses in this program of study. Upon completion of this course, proficient students will be prepared for a career in audio/visual production or to transition to a postsecondary program for further study.

Applied Arts Practicum:

*Prerequisite(s): A/V Production III* The Applied Arts Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Arts, A/V Technology, & Communications courses within a professional, working environment. In addition to developing an understanding of the professional and ethical issues encountered by professionals in these careers, students learn to refine their skills in problem solving, research, communication, teamwork, and project management through the completion of a course-long project. The course is highly customizable to meet local system needs. Instruction may be delivered through school laboratory training or through work-based learning arrangements such as internships, service learning, and job shadowing. Upon completion of the practicum, proficient students will be prepared to pursue postsecondary study in arts, A/V technology, or communications programs; or seek additional training or employment with the aid of the portfolio, which documents the student’s work completed throughout the program of study.

**FASHION DESIGN**

Foundations of Fashion Design:

*Prerequisites: Visual Art I* Foundations of Fashion Design introduces students to the rich history of the fashion industry and the basic design principles that are integral to its operation. This course studies the history of the fashion industry, elements and principles of design, textile history and composition, as well as basic construction principles. Upon completion of this course, proficient students will be able to demonstrate basic garment production and will create artifacts for inclusion in a portfolio, which will continue to build throughout the program of study.

Fashion Design:

*Prerequisites: Foundations of Fashion Design* Fashion Design is an applied-knowledge course intended to prepare students to pursue careers in the fashion industry. Building on the knowledge acquired in Foundations of Fashion Design, this course places special emphasis on apparel manufacturing and merchandising, marketing applications, and product and service management. In addition, students will explore trends in fashion design and engage with industry-specific technologies used to produce a variety of fabrics, garments, and accessories. Upon completion of this course, proficient students will have created an original fashion collection.

Advanced Fashion Design:

*Prerequisites: Fashion Design* Fashion Design is an applied-knowledge course intended to prepare students to pursue careers in the fashion industry. Building on the knowledge acquired in Foundations of Fashion Design, this course places special emphasis on apparel manufacturing and merchandising, marketing applications, and product and service management. In addition, students will explore trends in fashion design and engage with industry-specific technologies used to produce a variety of fabrics, garments, and accessories. Upon completion of this course, proficient students will have created an original fashion collection.

**INFORMATION TECHNOLOGY**

Computer Science Foundations:

Computer Science Foundations (CSF) is a course intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Web Design, and Cybersecurity. As a result, students will complete all core standards, as well as standards in two of four focus areas. Upon completion of this course, proficient students will be able to describe various information technology (IT) occupations and professional organizations. Moreover, they will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession. Depending on the focus area, proficient students will also demonstrate an understanding of electronics and basic digital theory; project management and teamwork; client relations; causes and prevention of Internet security breaches; and writing styles appropriate for web publication. Upon completion of the CSF course, students will be prepared to make an informed decision about which Information Technology program of study to pursue

Coding I:

*Prerequisite(s): Algebra I and Computer Science Foundations* Coding I is a course intended to teach students the basics of computer programming. The course places emphasis on practicing standard programming techniques and learning the logic tools and methods typically used by programmers to create simple computer applications. Upon completion of this course, proficient students will be able to solve problems by planning multistep procedures; write, analyze, review, and revise programs, converting detailed information from workflow charts and diagrams into coded instructions in a computer language; and will be able to troubleshoot/debug programs and software applications to correct malfunctions and ensure their proper execution.

Dual Enrollment Coding I/II:

*Prerequisite(s): Coding I* DE Coding I/II challenges students to develop advanced skills in problem analysis, construction of algorithms, and computer implementation of algorithms as they work on programming projects of increased Primary complexity. In so doing, they develop key skills of discernment and judgment as they must choose from among many languages, development environments, and strategies for the program life cycle. Course content is reinforced through numerous short- and long-term programming projects, accomplished both individually and in small groups. These projects are meant to hone the discipline and logical thinking skills necessary to craft error-free syntax for the writing and testing of programs. Upon completion of this course, proficient students will demonstrate an understanding of object-oriented programming language using high-level languages such as FOCUS, Python, or SAS.

AP Computer Science Principals:

*Prerequisite(s): DE Coding I/II* ***can also substitute for a 4th year Mathematics class*** AP Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

**MARKETING,DISTRIBUTION, AND LOGISTICS**

Introduction to Business and Marketing:

Introduction to Business and Marketing is an introductory course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students’ academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics. Upon completion of this course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathways they would like to pursue in high school

Marketing and Management I: Principles:

*Prerequisite(s): Introduction to Business and* Marketing Marketing and Management I: Principles focuses on the study of marketing concepts and their practical applications. Students will examine the risks and challenges that marketers face to establish a competitive edge in the sale of products and services. Topics covered include foundational marketing functions such as promotion, distribution, and selling, as well as coverage of economics fundamentals, international marketing, and career development. Upon completion of this course, proficient students will understand the economic principles, the marketing mix, and product development and selling strategies.

Entrepreneurship:

*Prerequisite(s): Marketing & Management I:* Principles Entrepreneurship is an applied knowledge course that begins with the discovery process of generating new business ideas. Students research local, national, and international social and economic trends and analyze the feasibility of their own proposed businesses, both from a market demand and revenue-producing standpoint. Based on their entrepreneurial endeavors, students will prepare, write, and revise a business plan. In preparation for the business plan, students will conduct market research, study ownership structures, evaluate risks, examine startup costs, determine essential vendors, and identify sources of capital and financing options. Students will also draft, refine, and rehearse entrepreneurship pitches developed from their business plans to present during course intervals and to give final presentations at the conclusion of the course. Upon conclusion of this course, proficient students will be able to articulate, and defend, elements of a full business plan for a new business.

Business and Entrepreneurship Practicum:

*Prerequisite(s): Entrepreneurship* Business & Entrepreneurship Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Business and Marketing courses within a simulated startup environment or authentic business setting. The course is structured to allow students the creativity to develop, launch, and market original business ideas. It is ideal for students who wish to pursue careers as future business owners or entrepreneurs. Practicum activities can take place around student-led startups under the supervision of the instructor, or in collaboration with a local business incubator. The standards in this course can also be used to promote student participation in a work-based learning (WBL) experience through an internship or other off-campus arrangement. Upon completion of the practicum, proficient students will be prepared to further develop their business ideas into viable ventures, or continue their study at the postsecondary level.

**HEALTH SCIENCE/Pharmacy Tech**

Health Science Education:

*Prerequisite(s): 11th grade only* Health Science Education is an introductory course designed to prepare students to pursue careers in the fields of public health, therapeutics, health services administration, diagnostics, and support services. Upon completion of this course, a proficient student will be able to identify careers in these fields, compare and contrast the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational healthcare skills. This course will serve as a strong foundation for all of the Health Science programs of study as well as the Health Services Administration program of study.

Anatomy and Physiology Health Science:

*Prerequisite(s): 11th grade only* Anatomy and Physiology is designed to develop an understanding of the structures and functions of the human body, while relating those to knowledge and skills associated with pathophysiology. Upon completion of this course, proficient students will be able to (1) apply the gross anatomy from earlier courses to a

deeper understanding of all body systems, (2) identify the organs and structures of the support and movement systems, (3) relate the structure and function of the communication, control, and integration system, and (4) demonstrate a professional, working understanding of the transportation, respiration, excretory, and reproduction systems.

Pharmacological Science:

*Prerequisite(s): Health Science Education and Anatomy and Physiology Health Science* Pharmacological Sciences is a second or third-level applied course in the Therapeutic Services program of study intended to prepare students with an understanding of the roles and responsibilities of the healthcare worker in a pharmacy setting. This course equips students with the communication, goalsetting, and information-processing skills to be successful in the workplace, in addition to covering key topics in pharmacology, pharmacy law and regulations, sterile and non-sterile compounding, medication safety, quality assurance, and more. Upon completion of this course, proficient students who have also completed a Clinical Internship can apply to sit for the Pharmacy Technician Certification Board examination immediately after high school graduation.

Dual Enrollment Medical Terminology:

*Prerequisite(s): Health Science Education and Anatomy and Physiology Health Science* Medical Terminology is a course designed to provide students with the opportunity to develop working knowledge of the language of healthcare professionals. Students will acquire vocabulary building and problem-solving skills by learning prefixes, suffixes, roots, combining forms, and abbreviations commonly used in medical fields. Utilizing a body systems approach, students will define, interpret, and pronounce medical terms relating to structure and function, pathology, diagnosis, clinical procedures, and pharmacology. Upon completion of this course, proficient students will be able to apply problem-solving skills to the documentation of medical phenomena and will be able to communicate fluently in the language of medicine when working in healthcare settings.

**MOORE TECH AUTOMOTIVE SERVICE TECHNOLOGY**

*Prerequisite(s): 11th or 12th grade only and must have room in their schedule and on track with credits* Students complete courses that cover all eight A.S.E. certification areas, and all aspects of light-duty automotive service as related to professional repair facilities (new-car dealer) needs. This program does not cover any body or paint work. The last core class of the program is a full-time (40 hours/week) internship at a new-car dealership. The Automotive Service Technology program is only available at our Automotive Campus. Transportation will be provided.

**Humanities:**

AP Human Geography:

*Prerequisite(s): Honors-level coursework in English or Social Studies* ***Can substitute for World History/Geography*** Advanced Placement (AP) Human Geography is designed to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and altercation of Earth’s surface. Students will employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They will also learn about the methods and tools geographers use in their science and practice. Concepts to be introduced and studies are maps and spatial data, the implications of associations among phenomena in places, relationships among patterns and processes, the regionalization process, and interconnections among places. All students enrolled in an AP course are required to take the course’s AP exam.

African American History: .5 credit

Students will examine the life and contributions of African Americans from the early 1600s through modern America. Students will explore the influence of geography on slavery and the growth of slavery in America. Students will investigate the rise and effects of Jim Crow and trace the impact of African American migration through the early twentieth century. Students will explore the impact of the Harlem Renaissance and the conditions and contributions of African Americans during the Great Depression and World War II. Students will study the Civil Rights movement and contemporary issues confronting African Americans today. As a people, African Americans have made significant contributions to the economic, political, social, and cultural development of the United States.

We The People: .5 credit

We the People is taught using citizenship and the role of citizenship as a framework. There is an emphasis on the principle of equality under law to help students understand the responsibilities that accompany the rights granted to citizens in the United States. The working relationship between the courts and court procedures, the functions of attorneys, and the legislative right to make laws are examined. Emphasis is placed on knowledge and skills that will enable students to deal effectively in human relationships and on the acquisition of inquiry skills to promote sound judgement in everyday living under the law.

Contemporary Issues:

*Prerequisite(s): 10-12 grade only* In Contemporary Issues, students study various dynamic issues facing today s society enabling them to discover their values and responsibilities as citizens in society. Students will utilize different learning methods to research, discuss, debate and formulate opinions on those contemporary issues.

Psychology: .5 credit

*Prerequisite(s): 10-12 grade only* Psychology is an elective in the science of individual behavior. Students investigate how people behave and why they behave as they do. Students, through application, learn to face and resolve problems of a personal nature and problems involving interaction with other individuals.

Sociology: .5 credit

*Prerequisite(s): 10-12 grade only* Sociology is designed to help students understand the patterns, processes, and institutions of human group interaction. The student is introduced to basic principles and concepts of sociological inquiry, the investigative tools needed for such inquiry and the examination of selected areas of the structure and function of American society

Dual Credit Psychology:

*Prerequisite(s): 10-12 grade only* Statewide Dual Credit Psychology is a full year college-level course. The purpose of this course is to define psychology and differentiate it from other similar disciplines. The topics covered in this course are research, brain physiology and function, human development, sensation and perception, memory, consciousness, cognition and intelligence, sexuality, psychological disorders, therapy/treatment, social psychology, motivation and emotion, health psychology, learning, and personality. Elective. All students enrolled in a Statewide Dual Credit course are required to take the online challenge exam.

Creative Writing I and II:

This course will offer students the opportunity to exercise their imaginative and creative abilities as they express self, explore diverse modes and genres of writing, both as writers and as critical evaluators of writing. A wide range of writing opportunities in description, exposition, persuasion, comparison/ contrast and narration will be presented, thus giving students the tools necessary to write with uniqueness, coherence, clarity, and simplicity. Creative Writing is available at multiple levels (Standard and Advanced).

Dual Credit Speech:

*Prerequisite(s): 10-12 grade only* Statewide Dual Credit Speech and Communications is a full year college-level course. This course introduces students to what communication is and how it affects human interaction. Emphasis is on the elements of communication, group communication, intercultural communication, the nature and value of language, nonverbal communication, persuasion-art of rhetoric, public speaking and the value of listening. This course is not approved as a Fine Arts course for college entrance requirements. All students enrolled in a Statewide Dual Credit course are required to take the online challenge exam.

Journalism Honors:

*Prerequisite(s): 11th and 12th grade only, teacher recommendation required* This course is designed to introduce students to the field of journalism and the organization of publications (i.e., newspapers, yearbooks, and literary magazines). Types of writing news stories, editorials and feature writing are covered, as well as production considerations, photography, and the business aspects of publications.

Art History Honors:

This course is designed as an introduction for all students who wish to have an understanding and appreciation for works of art. Previous art training is not required. Emphasis will be placed on instilling art awareness in both producers and consumers of art. Some basic studio art projects will be taught in relation to the art history lessons. This course is offered for one year. The first semester of this course provides a survey of world art from prehistoric times to the middle of the eighteenth century. The second semester extends to the art of the present.

AP Art History:

*Prerequisite(s): teacher recommendation required* Advanced Placement History of Art is designed to provide the same benefits to secondary school students as those provided by an introductory college course in art history: an understanding and knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. In the course, students examine major forms of artistic expression from the past and the present from a variety of cultures. They learn to look at works of art critically, with intelligence and sensitivity, and to analyze what they see.

**FINE ARTS:**

AP Music Theory:

*Prerequisite(s): Honors Theory and Harmony or instructor permission* This is a continuation of Theory and Harmony which provides additional study in the fundamentals of music in creating and analyzing music such as triad inversions; dominant sevenths; secondary triads; and modulations as they apply to the eighteenth century. Laboratory study devoted to ear-training and keyboard proficiency is required. All students enrolled in an AP course are expected to take the course’s AP exam.

General Music:

This course focuses on discovering music as a means of communication in and between cultures, and how we use music to tell the story of our lives.

Guitar:

This course will provide instruction in creating, performing, listening to, and analyzing music in addition to focusing on beginning instrument production while playing melodies and primary harmonizations. Public performances and participation in local festival activities will be used as part of assessment.

Jazz Choir:

This course is open to students who have acquired the proficiency to perform the more complex music literature. Emphasis is placed on developing performance techniques and stylistic interpretation of jazz music. Public performances and participation in activities with a level of difficulty of 4 to 6, on a scale of 1 to 6, will be used as part of assessment.

Orchestra I:

*Prerequisite(s): 2 years of Strings and instructor permission* Orchestra I will provide instruction in creating, performing, listening to, and analyzing music in addition to focusing on string ensemble and solo performance skills. Public performances and participation in local festival activities with a level of difficulty of 2 to 3, on a scale of 1 to 6, will be used as part of assessment.

Senior Band I:

*Prerequisite(s): Beginning Band instructor permission and audition* This course will provide instruction in creating, performing, listening to, and analyzing music, in addition to focusing on ensemble and solo performance skills. Public performances and participation in local festival activities with a level of difficulty of 2 to 3, on a scale of 1 to 6, will be used as part of assessment. Marching Band fundamentals may be offered as a part of the learning.

Senior Band II:

Prerequisite(s): Senior Band I and instructor permission This course will provide additional instruction in creating, performing, listening to, and analyzing music. In addition, emphasis is placed upon technical development and authentic stylistic interpretation of band literature while developing analytical and critical skills. Public performances and participation in local festival activities with a level of difficulty of 3 to 4, on a scale of 1 to 6, will be used as part of assessment. Marching Band fundamentals may be offered as a part of the learning.

Senior Band III:

*Prerequisite(s): Senior Band II and instructor permission* This course is a continuation of Senior Band II with higher expectations in all performance standards in the state curricular framework. Expanded performance repertoire including advanced solo and ensemble literature will be emphasized. Public performances and participation in local festival activities using music literature with a level of difficulty of 4 to 5, on a scale of 1 to 6, will be used as part of assessment. Marching Band may be offered as a part of the learning.

Senior Band IV:

*Prerequisite(s): Senior Band III and instructor permission* At this level the student is expected to perform with expression and technical accuracy a large and varied repertoire, diverse chamber and solo literature in a variety of styles; compose music demonstrating imagination and technical skill in applying the principles of composition; and conduct an ensemble demonstrating knowledge and skills of music. Public performances and participation in local festival activities using music literature with a level of difficulty of 5 to 6, on a scale of 1 to 6, will be used as part of assessment. Marching Band may be offered as a part of the learning.

Theory and Harmony:

*Prerequisite(s): CAPA students only* This course will provide concentrated study in the fundamentals in creating and analyzing music. Laboratory study devoted to ear-training and keyboard proficiency is required.

Vocal Music I:

This course will provide instruction in creating, performing, listening to, and analyzing music, in addition to focusing on vocal production, using music literature with a level of difficulty of 2 to 3 on a scale of 1 to 6. Public performances and participation in local festival activities will be used as part of assessment.

Vocal Music II:

*Prerequisite(s): Vocal Music I and instructor permission* This course is a continuation of Vocal Music I with emphasis on expanding vocal range and increasing sight-reading skills. Public performances and participation in local festival activities at an increased level of difficulty of 3 to 4, on a scale of 1 to 6, will be used as part of assessment.

Vocal Music III:

*Prerequisite(s): Vocal Music II and instructor permission* This course is a continuation of Vocal Music II with higher expectations in all performance standards in the state curricular framework. The importance of vocal health and the development of advanced vocal techniques will be emphasized. Public performances and participation in local festival activities using music literature with a higher level of difficulty of 4 to 5, on a scale of 1 to 6, will be used as part of assessment.

Vocal Music IV:

*Prerequisite(s): Vocal Music III and instructor permission* At this level the student is expected to sing with expression and technical accuracy a large and varied repertoire, written in more than four parts; sing in ensembles with one student on a part; improvise stylistically appropriate harmony in a variety of styles; and compose music demonstrating imagination and technical skill in applying the principles of composition. Public performances and participation in local festival activities using music literature with a level of difficulty of 5 to 6, on a scale of 1 to 6, will be used as part of assessment.

Dance I:

Students will work to develop higher order thinking skills through perceiving, analyzing, and making discriminating judgments about dance as they develop movement skills. Emphasis is placed on barre and center floor work. Public performances and participation in local activities will be used as part of assessment.

Dance II:

*Prerequisite(s): Dance I and instructor permission* This course will provide additional instruction in ballet technique. Students examine the role and meaning of dance forms while developing analytical, creative, and critical thinking skills. Public performances and participation in local activities will be used as part of assessment

Dance III:

*Prerequisite(s): Dance II and instructor permission* Dance III is an introduction to modern dance techniques. This course focuses on proper skeletal alignment, body-part articulation, strength, flexibility, agility, and coordination in locomotor and nonlocomotor axial movements. Previous dance study is required. Public performances and participation in local activities will be used as part of assessment.

Dance IV:

*Prerequisite(s): Dance III and instructor permission* At this level the student is expected to perform with expression and technical accuracy a large and varied repertoire in a variety of styles, use choreographic principles, processes, and structures as a way to communicate meaning. Public performances and participation in activities with a level of difficulty of 5 or 6, on a scale of 1 to 6, will be used as part of assessment.

Theater Arts I: Introduction to Theater:

Students are involved in acting techniques, playwriting, directing, and technology associated with theatre production. Students are responsible for writing and performing original scripts.

Visual Art I:

This is an introductory course in art. Basic elements and principals of art are learned through experiences in drawing, painting, visual communications, three-dimensional design, and environmental design. Art production is integrated with art history, art criticism, and aesthetics within each unit of study.

Visual Art II:

*Prerequisite(s): Visual Art I and portfolio review* This course is a continuation of Visual Art I in greater depth and detail emphasizing strong foundations in theory and skill. Emphasis is placed on design as it relates to two-dimensional or three- dimensional art forms. Art production is integrated with art history, art criticism, and aesthetics to build individual skills in observing, analyzing, and interpreting artworks. These skills are necessary for consumers as well as producers of art.

Visual Design:

This is an introductory course in art. Basic elements and principals of art are learned using computer as media. Art production is integrated with art history, art criticism, and aesthetics within each unit of study.

**ACT PREP:**

ACT Prep English: .5 credit

*11th and 12th grade only*

ACT Prep Math: .5 credit

*11th and 12th grade only*

ACT Prep Reading: .5 credit

*11th and 12th grade only*

ACT Prep Science: .5 credit

*11th and 12th grade only*