

Programs to Courses FY17

Graphic Arts

340310 - Visual Design Primer

Visual design takes the form of charts, drawings, boxes and more. In this first course for the Visual Design and Imaging pathway, students gain a perspective of symbols, typography and product output. They acquire basic knowledge of today's role of graphics in communication industries. Focusing on the consumer, students analyze products and create their own designs for critique. They learn how safety, deadlines, teamwork, and ethics relate to the work.

340120 - Digital Image Editing

This course focuses on manipulating images for final output through print and Web-based production. Students obtain a brief perspective on analog image editing and delve into the world of editing digital photos, illustrations and other artwork. They learn to adjust resolution and exposure, modify color, compress data, and format and manage files. Students will use problem-solving strategies and work collaboratively to complete the creative process with artists, printers and Web developers.

340320 - Digital Print Design

Starting with understanding target audiences, demographics, product shelf life and sustainability students create designs for two- or three-dimensional products. Using workflow processes, they lay out newsletters, posters, business cards and other products. They create logo and package designs for corporate branding, marketing, and advertising. Critical thinking is engaged in multiple-level critiques.

340330 - Visual Distribution

Students analyze customer preferences to determine product creation, production, and delivery. From a four-color vehicle wrap to a spot varnish that adds spark to an annual report cover, students learn techniques to enhance product uniqueness in the graphic arts industry. They compare the differences of customer impact between using traditional mass distribution to individual consumer targeting. Among strategies engaged are Variable Data Imaging (VDI), Quick Response (QR) codes and e-mail blasts

Cosmetology

174115 - Microbiology and Infection Control

Students will learn basic bacteriology, infection control, and salon safety practices. Students will be able to recognize infectious disorders and contagious diseases learn the dispensary requirements, product storage, and requirements of the laws and rules, which regulate the cosmetology industry in Ohio

174125 - Fundamentals of Hair Cutting and Styling

Students will learn basic shampooing, conditioning and haircutting including trimming, wet styling and thermal styling techniques when working with natural and synthetic hair. Students will also learn infection control and safety along with the science of ergonomics.

174135 - Fundamentals of Chemical Services

Students will apply basic skills, knowledge, and safety practices when giving permanent/chemical waves, curl re-forming, chemical relaxers and hair color techniques to include tinting, highlighting, bleaching, and foiling.

174155 - Salon Operations and Communications

Students will learn the fundamentals of managing a cosmetology salon. Students will learn about employment and customer liability, insurance, leases, record keeping, communication, and sales.

Medical Office

142000 - Fundamentals of Business and Administrative Services

This is the first course specific to the Business and Administrative Services career field. It introduces students to the specializations offered in Business and Administrative Services. Students will obtain fundamental knowledge and skills in general management, human resources management, operations management, business informatics and office management. They will acquire knowledge of business operations, business relationships, resource management, process management, and financial principles. Students will use technological tools and applications to develop business insights.

142005 - Office Management

Students will apply techniques used to manage people and information in a business environment. Students will learn to build relationships with clients, employees, peers, and stakeholders and to assist new employees. They will manage business records, gather and disseminate information, and preserve critical artifacts. They will also examine contracts, internal controls, and compliance requirements. Business office tools and applications will be emphasized.

142050 - Medical Terminology for Business

This course focuses on the development and use of a working medical vocabulary. Topics include medical terminology development, business relationships, compliance, and business practices. Students will use medical terminology for transcription, coding, and related medical management processes. Students will also focus on operation of a medical office and office-related skills.

142015 - Medical Office Management

Students will carry out procedures used to manage people and information in medical offices. Students will code medical procedures in accordance with applicable guidelines as well as use technology to convert patient information to electronic medical records. They will also manage the insurance billing and collection process, utilize a patient scheduling and registration system, and develop a compliance program. Medical office safety and security will be emphasized.

Power Equipment

010235 - Outdoor Power Technology

The Outdoor Power Technology course trains students in technical knowledge and skills necessary to maintain, troubleshoot and repair small power equipment used in agriculture, horticulture and natural resource management. Students will learn the theory of power and progress through aspects of 2- and 4-stroke engines, electrical systems, fuel systems, and drive train systems that make up modern small engine powered equipment.

010220 - Engines and Fuel Systems

In the Engines and Fuel Systems course, students will learn basic engine information and operations; different kinds of corollary systems; how to use test equipment and service tools; plus techniques for diagnosis and testing. Students will learn the different kinds of fuel systems, fuels and their characteristics, designations, and additives. Students will diagnose fuel system problems including the identification of parts failure and will be able to make necessary repairs.

010240 - Power Sports

In the Power Sports course, students will learn the theories of operating systems and the maintenance practices for power sport vehicles used off road or on the water. Students will learn principles of power sports vehicles including diagnosis, service, and repair. This courses covers core information on power sport internal combustion engines, primary drive operation, transmission power flow, fuel system operation, and electrical and suspension systems.

010230 - Power Trains

In the Power Trains course, students will learn the physical principles of power trains, the different components that transfer and control power, and how power trains are designed to function. Students will also learn how to adjust and maintain a power train system as well as how to diagnose and test problem areas.

Performing Arts

340210 - Performing Arts Primer

In this first course for the Performing Arts pathway, students examine how music, dance and theatre disciplines connect to create a production. They compare and contrast different genre, social contexts, and cultural aspects of dance, music and theatre from early Greek to present day. They learn the role of stagecraft, including new and emerging technology.

340006 - Business of Arts and Communications

A growing number of professionals make a living in industries related to arts and communications. From event management to tracking expenses, students learn the business side of visual, media, and performing arts. Topics include marketing, branding, producing, promoting, booking, budgeting and merchandising, etc. Students learn and apply intellectual property rights, licensing, copyright, royalties, liabilities, and contractual agreements. They learn how both profit and non-profit organizations businesses operate.

340235 - **Musical Concept**

From warm up skills to complex rhythmic and technical passages, students combine theory and technique to sing or play at least one musical instrument. They recognize different harmonic, rhythmic and melodic structures based on culture, era and style. They write, read and understand musical symbols. Other topics include scales and mode studies, dictation, transcriptions and. Students provide and receive performance critiques.

340240 - **Music Ensemble and Composition**

In this course, students compose music and perform in groups. They sight read music, blend and balance ensemble instrumental and/or vocal performance and respond to cues with an understanding of stage presence and choreography. They score an original musical piece using notation and sequencing software. Talent and selfconfidence is strengthened through practice, social interaction, self/peer critique, and performance.

340135 - **Musical Engineering**

Students put music theory and basic music skill into practice as they engineer sound for live and recorded production. They create, capture, edit, mix, and synchronize music into audio and video tracks of various formats. Topics include acoustics, reflection, absorption of sound and reverberation. Students create products based on research of audience sensitivity and need and do so in compliance with laws related to intellectual property and competition.

340225 - **Acting and Script Analysis**

This course combines understanding of the relationship between actor and script. Students research major theatre genres and influences, breaking down a script to discover objectives, obstacles, tactics, and character development. They create a script with scenes, plot points, and characters. They learn acting techniques, including imagery, personal associations, and inner monologue. They perform a role within an original or established piece of work.

340230 - **Acting Performance**

Meeting expectations of the casting director and audience is critical to any successful performer. This course focuses on maximizing an actor's physical and emotional expression, vocal intonation, memorization, and imagination to convey stories and feelings. Whether spoken or sung, stylistic identity is reinforced. Other topics include material selection, developing a score of action for a role, sustaining a character and self and peer critique.

340215 - **Dance**

Performing arts directors and choreographers look for dancer technical strength, preciseness, and ability to engage audiences. In this course, students develop physical stamina and fitness, musicality, expression and sequence retention while learning terminology for dance movement and for the industry. Through solo, ensemble, and improvisational movement, they interpret and communicate stories and feelings. Self-discipline, including emotional and nutritional health, is reinforced.

340220 - **Choreography**

The choreographer designs steps and routines. In this course, students critique choreographed works from multiple dance genres. Using this knowledge and research as well as understanding specific characteristics and movements of dance, they compose sequences into their own designs. They alter choreography in solo and/or ensemble work. They work with dancers to maximize aesthetic appeal for the audience while helping them manage physical and psychological demands of a performance.

Labs to Courses

Graphic Arts	Jr Semester 1	Jr Semester 2	Sr Semester 1	Sr Semester 2
Performing Arts - All Jr	340310 - Visual Design Primer	340120 - Digital Image Editing	340320 - Digital Print Design	340330 - Visual Distribution
Performing Arts Sr Dance	340210 - Performing Arts Primer	340006 - Business of Arts and Communications	340215 - Dance	340220 - Choreography
Performing Arts Sr Acting			340225 - Acting and Script Analysis	340230 - Acting Performance
Performing Arts Sr Music *			340235 - Musical Concept	340240 - Music Ensemble and Composition
Cosmetology	174115 - Microbiology and Infection Control	174125 - Fundamentals of Hair Cutting and Styling	174135 - Fundamentals of Chemical Services	174155 - Salon Operations and Communications
Medical Office	142000 - Fundamentals of Business and Admin Services	142005 - Office Management	142050 - Medical Terminology for Business	142015 - Medical Office Management
Power Equipment	010235 - Outdoor Power Technology	010220 - Engines and Fuel Systems	010240 - Power Sports	010230 - Power Trains

Performing Arts Music Seniors will be placed in 2 of the 3 courses listed