

Theatrical Design & Production

Curriculum Plan 2022-2023



Career Technical Education

Area of Concentration: B1

CTSO: Skills USA

Program Courses

EMIS Course Code	Course Name	Grade	Is this course a CTAG?
340210	Performing Arts Primer	11	No
340255	Stage Design and Construction	11	No
340001	Arts and Comm Primer	12	No
340250	Stagecraft	12	No

Industry Credentials/Certifications

Industry Credentials Offered	ODE Points Available	Completed during Grade

College Credit Opportunities

Course Name	College	Credit Hours	Completed during Grade

Work-Based Learning Opportunities

Work on the productions at Stivers	CTSO Competitions
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Tasks

- Develop set designs, based on evaluation of scripts, budgets, research information, and available locations.
- Prepare rough drafts and scale working drawings of sets, including floor plans, scenery, and properties to be constructed.
- Prepare preliminary renderings of proposed exhibits, including detailed construction, layout, and material specifications, and diagrams relating to aspects such as special effects or lighting.
- Read scripts to determine location, set, and design requirements.
- Submit plans for approval, and adapt plans to serve intended purposes, or to conform to budget or fabrication restrictions.
- Attend rehearsals and production meetings to obtain and share information related to sets.
- Confer with clients and staff to gather information about exhibit space, proposed themes and content, timelines, budgets, materials, or promotion requirements.
- Research architectural and stylistic elements appropriate to the time period to be depicted, consulting experts for information, as necessary.
- Observe sets during rehearsals in order to ensure that set elements do not interfere with performance aspects such as cast movement and camera angles.
- Collaborate with those in charge of lighting and sound so that those production aspects can be coordinated with set designs or exhibit layouts.
- Select set props, such as furniture, pictures, lamps, and rugs.
- Design and build scale models of set designs, or miniature sets used in filming backgrounds or special effects.
- Examine objects to be included in exhibits to plan where and how to display them.
- Assign staff to complete design ideas and prepare sketches, illustrations, and detailed drawings of sets, or graphics and animation.
- Inspect installed exhibits for conformance to specifications and satisfactory operation of special-effects components.
- Estimate set- or exhibit-related costs, including materials, construction, and rental of props or locations.
- Plan for location-specific issues, such as space limitations, traffic flow patterns, and safety concerns.
- Acquire, or arrange for acquisition of, specimens or graphics required to complete exhibits.
- Design and produce displays and materials that can be used to decorate windows, interior displays, or event locations, such as streets and fairgrounds.
- Direct and coordinate construction, erection, or decoration activities to ensure that sets or exhibits meet design, budget, and schedule requirements.
- Coordinate the transportation of sets that are built off-site, and coordinate their setup at the site of use.
- Confer with conservators to determine how to handle an exhibit's environmental aspects, such as lighting, temperature, and humidity, so that objects will be protected and exhibits will be enhanced.
- Select and purchase lumber and hardware necessary for set construction.

- Arrange for outside contractors to construct exhibit structures.
- Incorporate security systems into exhibit layouts.
- Coordinate the removal of sets, props, and exhibits after productions or events are complete.
- Provide supportive materials for exhibits and displays, such as press kits, advertising, publicity notices, posters, brochures, catalogues, and invitations.

Theatre Tech Program of Study

Aligned with Sinclair – Theatre Technology THET.S.AA

Secondary	9	English 9	Algebra I or Geometry	Physical Science	World History	PE/PE	Health/ Career Exploration	Elective
	10	English 10	Geometry or Algebra II	Biology	U.S. History	Elective	Elective	Elective
	11	English 11	Algebra II or Pre-Calculus	Chemistry or Environmental Science	American Government	Elective	Performing Arts Primer 340210	Stage Design and Construction 340255
	12	English 12	Adv Math	Elective	Elective	Elective	Arts and Comm Primer 340001	Stagecraft 340250

Post-Secondary	Fall Year 1	THE 1105 Intro to Theatre	THE 1106 / THE 1107 Stagecraft & Lab	THE 1194 Applied Theatre Tech	ENG 1101 English Composition I	MUS 1121 Music Appreciation	PSY 1100 General Psychology
	Spring Year 1	THE 1103 Acting for the Non-Major	THE 1116 / THE 1117 Sage Lighting Fundamentals & Lab	THE 1194 Applied Theatre Tech	THE 2240 Stage Management	ENG 1201 English Composition II	MAT 1445 Quantitative Reasoning
	Fall Year 2	THE 2200 Theatre Portfolio	THE 1196 Applied Theatre Tech II (twice)	THE 2201 History of theatre I	COM 2211 Effective Public Speaking	BIO 2222 Evolution	SOC 1145 Intro Cultural Anthro
	Spring Year 2	THE 1118 / THE 1119 Costume Fundamentals & Lab	THE 2206 Script Analysis	THE 2202 History of Theatre II	THE 2298 Applied Theatre Tech V	GLG 1101 / GLG 1111 Physical Geology & Lab	

Key	Required Course	Recommended Elective Courses	High School Career-Technical Courses Bold =College Credit Opportunity
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Dayton Public Schools does not discriminate on the basis of race, color, national origin, sex, disability, or age for participation in any program or activity. Lack of English language proficiency will not be a barrier to admission and participation in career-technical education programs.