

Newport-Mesa Unified School District
Office of Career Technical Education
High School Course of Study

Course Title	<i>Advanced Technical Theatre</i>	Course Code	CT369 & CT370
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Transcript Title:	<i>AdvTechnicalTheatre</i>	Grades Levels:	<i>10-12</i>	Board Adoption Date:	<i>4/19/22</i>
Content Area:	<i>VAPA/CTE</i>	GPA Scale:	<i>4.0</i>	Date Course Submitted:	<i>3/25/22</i>
Credential Required:	<i>CTE</i>	Graduation Subject Areas:	<i>FINE ART</i>	CALPADS Code:	<i>7242</i>
UC/CSU "A-G" Area Approvals:	<i>G</i>	<i>Desire F</i>	School Site/person that wrote and submitted the course:		<i>Elise Ybarra</i>
Recommend Skills:	<i>Communication, Reading, Writing, Ability to follow directions</i>				
Next course(s):	<i>N/A; this is the capstone course.</i>				
Textbook and/or software to be used:	<i>*Backstage Handbook: An Illustrated Almanac of Technical Information, Broadway Press/3rd edition</i> <i>* Stagecraft Fundamentals: A Guide and Reference for Theatrical Production by Rita Carver</i> <i>Vector works, Adobe Suite, Ion ETC Software, Q lab, AutoDesk 3DS Max, Google Sketchup</i>				

**Newport-Mesa Unified School District
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High School Course of Study**

ADVANCED TECHNICAL THEATRE

DATE: March 25, 2022

INDUSTRY SECTOR: Arts, Media, and Entertainment.

PATHWAY: Production and Managerial Pathway (Pathway 113)
Stage Technology (Sub-Pathway 113A)

CALPADS TITLE: Advanced Stage Technology (Capstone)

CALPADS CODE: 7242

HOURS:

Total	Classroom	Laboratory/CC/CVE
180	74	106

JOB TITLE	ONET CODES	JOB TITLE	ONET CODES
Lighting technician	27-4015.00	Makeup artist, theatrical and performance	39-5091.00
Audio and video technician	27-4011.00	Designers	27-1029.00
Costume attendant	39-3092.00	Set and exhibit designers	27-1027.00

COURSE DESCRIPTION:

The course prepares students for a career in the technical theater industry. Building on the production information from Technical Theatre, this course takes a more in-depth exploration of the nuances of stagecraft. In addition, students will take on the role of a production supervisor and be responsible for managing a group of theatre technicians during their lab hours and an approved final construction project, coordinated with the students' areas of production exploration. Advanced Technical Theatre will incorporate academic study and hands-on application of knowledge and skills.

PREREQUISITES:

High School Name:	Site Prerequisite:
Corona del Mar	Technical Theatre

A – G APPROVAL: Yes No Desired

**Newport-Mesa Unified School District
Office of Career Technical Education
High School Course of Study**

ARTICULATION:

High School Name:	College Name:	College Course Title:
None currently		

LEVEL: Participant Introductory Concentrator **Capstone**

CERTIFICATION:

High School Name:	Embedded/Leads to:	Description:
None currently.		

METHOD OF STUDENT EVALUATION:

- ✓ Pre and Post test
- ✓ Student Projects
- ✓ Written work
- ✓ Observation record of student performance
- ✓ Completion of assignments

METHOD OF INSTRUCTION:

- ✓ Lecture
- ✓ Group and individual applied projects
- ✓ Demonstration
- ✓ Field Trips
- ✓ Guest Speaker

RECOMMENDED TEXTS AND/OR SOFTWARE:

- Backstage Handbook: An Illustrated Almanac of Technical Information, Broadway Press/3rd edition
- Stagecraft Fundamentals: A Guide and Reference for Theatrical Production by Rita Carver
- Vector works
- Adobe Suite
- Ion ETC Software
- Q lab
- Autodesk 3DS Max
- Google Sketchup

MODEL CTE PATHWAY: Two-course pathway

Grade:	Fall Semester:	Spring Semester:
9-11	Technical Theatre A	Technical Theatre B
10-12	Advanced Technical Theatre A	Advanced Technical Theatre B

**Newport-Mesa Unified School District
Office of Career Technical Education
High School Course of Study**

CALIFORNIA CAREER TECHNICAL EDUCATION MODEL CURRICULUM STANDARDS

California Department of Education CTE Standards website: <http://www.cde.ca.gov/ci/ct/sf/ctemcstandards.asp>

**INDUSTRY SECTOR
KNOWLEDGE AND PERFORMANCE ANCHOR STANDARDS**

1.0 Academics Analyze and apply appropriate academic standards required for successful industry sector pathway completion leading to postsecondary education and employment. Refer to the Arts, Media, and Entertainment academic alignment matrix for identification of standards.

2.0 Communications Acquire and accurately use Arts, Media, and Entertainment sector terminology and protocols at the career and college readiness level for communicating effectively in oral, written, and multimedia formats. (Direct alignment with LS 9-10, 11-12.6)

2.1 Recognize the elements of communication using a sender–receiver model.

2.2 Identify barriers to accurate and appropriate communication.

2.3 Interpret verbal and nonverbal communications and respond appropriately.

2.4 Demonstrate elements of written and electronic communication such as accurate spelling, grammar, and format.

2.5 Communicate information and ideas effectively to multiple audiences using a variety of media and formats.

2.6 Advocate and practice safe, legal, and responsible use of digital media information and communications technologies.

3.0 Career Planning and Management: Integrate multiple sources of career information from diverse formats to make informed career decisions, solve problems, and manage personal career plans. (Direct alignment with SLS 11-12.2)

3.1 Identify personal interests, aptitudes, information, and skills necessary for informed career decision making.

3.2 Evaluate personal character traits such as trust, respect, and responsibility and understand the impact they can have on career success.

3.3 Explore how information and communication technologies are used in career planning and decision making.

3.4 Research the scope of career opportunities available and the requirements for education, training, certification, and licensure.

3.8 Understand how digital media are used by potential employers and postsecondary agencies to evaluate candidates.

3.9 Develop a career plan that reflects career interests, pathways, and postsecondary options.

4.0 Technology Use existing and emerging technology to investigate, research, and produce products and services, including new information, as required in the Arts, Media, and Entertainment sector workplace environment. (Direct alignment with WS 11-12.6)

4.1 Use electronic reference materials to gather information and produce products and services.

4.2 Employ Web-based communications responsibly and effectively to explore complex systems and issues.

4.3 Use information and communication technologies to synthesize, summarize, compare, and contrast information from multiple sources.

4.4 Discern the quality and value of information collected using digital technologies and recognize bias and intent of the associated sources.

4.5 Research past, present, and projected technological advances as they impact a particular pathway.

4.6 Assess the value of various information and communication technologies to interact with constituent populations as part of a search of the current literature or in relation to the information task.

5.0 Problem Solving and Critical Thinking: Conduct short as well as more sustained research to create alternative solutions to answer a question or solve a problem unique to the Arts, Media, and Entertainment sector, using critical and creative thinking, logical reasoning, analysis, inquiry, and problem-solving techniques. (Direct alignment with WS 11-12.7)

5.1 Identify and ask significant questions that clarify various points of view to solve problems.

5.2 Solve predictable and unpredictable work-related problems using various types of reasoning (inductive, deductive) as appropriate.

5.3 Use systems thinking to analyze how various components interact with each other to produce outcomes in a complex work environment.

5.4 Interpret information and draw conclusions, based on the best analysis, to make informed decisions.

**Newport-Mesa Unified School District
Office of Career Technical Education
High School Course of Study**

6.0 Health and Safety Demonstrate: health and safety procedures, regulations, and personal health practices and determine the meaning of symbols, key terms, and domain-specific words and phrases as related to the Arts, Media, and Entertainment sector workplace environment. (Direct alignment with RSTS 9-10, 11-12.4)

6.2 Interpret policies, procedures, and regulations for the workplace environment, including employer and employee responsibilities.

6.3 Use health and safety practices for storing, cleaning, and maintaining tools, equipment, and supplies.

6.4 Practice personal safety when lifting, bending, or moving equipment and supplies.

6.5 Demonstrate how to prevent and respond to work-related accidents or injuries; this includes demonstrating an understanding of ergonomics. 6.6 Maintain a safe and healthful working environment.

6.7 Be informed of laws/acts pertaining to the Occupational Safety and Health Administration (OSHA).

7.0 Responsibility and Flexibility Initiate, and participate in, a range of collaborations demonstrating behaviors that reflect personal and professional responsibility, flexibility, and respect in the Arts, Media, and Entertainment sector workplace environment and community settings. (Direct alignment with SLS 9-10, 11-12.1)

7.1 Recognize how financial management impacts the economy, workforce, and community.

7.2 Explain the importance of accountability and responsibility in fulfilling personal, community, and workplace roles.

7.3 Understand the need to adapt to changing and varied roles and responsibilities.

7.4 Practice time management and efficiency to fulfill responsibilities.

7.5 Apply high-quality techniques to product or presentation design and development.

7.6 Demonstrate knowledge and practice of responsible financial management.

7.7 Demonstrate the qualities and behaviors that constitute a positive and professional work demeanor, including appropriate attire for the profession.

8 Ethics and Legal Responsibilities

8.4 Explain the importance of personal integrity, confidentiality, and ethical behavior in the workplace.

8.5 Analyze organizational culture and practices within the workplace environment.

9.0 Leadership and Teamwork Work with peers to promote divergent and creative perspectives, effective leadership, group dynamics, team and individual decision making, benefits of workforce diversity, and conflict resolution as practiced in the SkillsUSA career technical student organizations. (Direct alignment with SLS 11-12.1b)

9.1 Define leadership and identify the responsibilities, competencies, and behaviors of successful leaders.

9.2 Identify the characteristics of successful teams, including leadership, cooperation, collaboration, and effective decision-making skills as applied in groups, teams, and career technical student organization activities.

9.3 Understand the characteristics and benefits of teamwork, leadership, and citizenship in the school, community, and workplace setting.

9.7 Participate in interactive teamwork to solve real Arts, Media, and Entertainment sector issues and problems.

10.0 Technical Knowledge and Skills Apply: essential technical knowledge and skills common to all pathways in the Arts, Media, and Entertainment sector, following procedures when carrying out experiments or performing technical tasks. (Direct alignment with WS 11-12.6)

10.1 Interpret and explain terminology and practices specific to the Arts, Media, and Entertainment sector.

10.2 Comply with the rules, regulations, and expectations of all aspects of the Arts, Media, and Entertainment sector.

10.3 Construct projects and products specific to the Arts, Media, and Entertainment sector requirements and expectations.

10.4 Collaborate with industry experts for specific technical knowledge and skills.

11.0 Demonstration and Application Demonstrate and apply the knowledge and skills contained in the Arts, Media, and Entertainment anchor standards, pathway standards, and performance indicators in classroom, laboratory, and workplace settings, and through the SkillsUSA career technical student organizations.

11.1 Utilize work-based/workplace learning experiences to demonstrate and expand upon knowledge and skills gained during classroom instruction and laboratory practices specific to the Arts, Media, and Entertainment sector program of study.

11.2 Demonstrate proficiency in a career technical pathway that leads to certification, licensure, and/or continued learning at the postsecondary level.

11.3 Demonstrate entrepreneurship skills and knowledge of self-employment options and innovative ventures

**Newport-Mesa Unified School District
Office of Career Technical Education
High School Course of Study**

- 11.4 Employ entrepreneurial practices and behaviors appropriate to Arts, Media, and Entertainment sector opportunities.
- 11.5 Create a portfolio, or similar collection of work, that offers evidence through assessment and evaluation of skills and knowledge competency as contained in the anchor standards, pathway standards, and performance indicators.

CR = Classroom Hours LAB/CC = Laboratory/Shop/Community Classroom Hours

I.	SHOP SAFETY	CR	LAB/CC	STANDARDS
	<p>Students will learn and demonstrate:</p> <ul style="list-style-type: none"> ● general layout of the theatre space and be familiar with various rooms, spaces, and hallways of the overall complex ● comprehension of theatrical terminology and theatrical equipment ● safety awareness when working on theatrical productions and will develop an attitude of respect for safety considerations ● comprehension of advanced safety procedures and the safe use of specific theatrical equipment <p>Syllabus / Classroom expectations will be agreed upon.</p>	6	10	<p>Academic: RLST 11-12.3</p> <p>CTE Anchor: 2.0, 4.0, 6.0, 10.0, 11.0</p> <p>CTE Pathway: C1.0</p>
II.	ADVANCED DESIGN	CR	LAB/CC	STANDARDS
	<p>Students demonstrate advanced design work:</p> <ul style="list-style-type: none"> ● Analyzing a script and developing aesthetic interpretations. ● Deploying the 12 principles of design. ● Designing without restrictions and refining to what is achievable; financially, crew capability, and timeline. ● Reimagining material in a new application. 	10	8	<p>Academic: LS 11-2.1, LS 11-2.2, LS 11-2.3, LS 11-2.4, LS 11-2.5, LS 11-2.5, LS 11-2.6, RSL 11-12.1, RSL 11-12.2, RSL 11-12.3, RSL 11-12.4, RSL 11-12.5, RSL 11-12.6, RSL 11-12.7, RSL 11-12.8, RSL 11-12.9, RSIT 11-12. 1, RSIT 11-12.3, RSIT 11-12. 4, RSIT 11-12. 6, RSIT 11-12. 7, RHSS 11-12.2, RHSS 11-12.3, RHSS 11-12.4, RHSS 11-12.5, RHSS 11-12.6, RHSS 11-12.7, RHSS 11-12.8, RHSS 11-12.9</p> <p>CTE Anchor: 1.0, 2.0, 5.0, 10.0</p> <p>CTE Pathway: C4.1</p>
III.	ADVANCED DRAFTING/ RENDERING/ PAPERWORK	CR	LAB/CC	STANDARDS
	<p>Students will learn and demonstrate:</p> <ul style="list-style-type: none"> ● Traditional technical artist hand scaled renderings; floor plans, blueprints, schematics, lighting plots, costume, and makeup. ● Material and textile swatch board creation. 	9	14	<p>Academic: G- MG 1 &2, RLST 12.2, RLST 12.3, RLST 12.4, RLST 12.7, WS 11-12.4, 11-2.6, WS 12.7, WHSST 11-12.5, WHSST 11-12.6, WHSST 11-12.8</p> <p>CTE Anchor: 1.0, 2.0, 4.0, 5.0, 6.0, 7.0, 9.0, 10.0, 11.0</p>

**Newport-Mesa Unified School District
Office of Career Technical Education
High School Course of Study**

	<ul style="list-style-type: none"> • Application of design into production. • Show cue sheet for deployment of design. 			CTE Pathway: C1.0, C2.0, C4.0, C5.0, C6.0
IV.	CREW LEAD MASTERY (HUMAN RESOURCES)	CR	LAB/CC	STANDARDS
	<p>Students will learn and demonstrate:</p> <ul style="list-style-type: none"> • Creating production department schedule, objectives, and milestones. • Establishing achievable, objective based expectations. • Learn how to motivate personnel and increase morale. • Develop professional conflict resolution to address crew concerns and provide corrective actions to rapidly respond and report. 	9	14	<p>Academic: RLST 12.2, RLST 12.3, RLST 12.4, RLST 12.7, WS 11-12.4, 11-2.6, WS 12.7, WHSST 11-12.5, WHSST 11-12.6, WHSST 11-12.8</p> <p>CTE Anchor: 1.0, 2.0, 4.0, 5.0, 6.0, 7.0, 9.0, 10.0, 11.0</p> <p>CTE Pathway: C1.0, C2.0, C4.0, C5.0, C6.0</p>
V.	DRAMATURGY	CR	LAB/CC	STANDARDS
	<p>Students will learn and demonstrate:</p> <ul style="list-style-type: none"> • Advanced research techniques: a show set in 1980 does not mean every aspect is “brand new” from the 80s. • Identifying the norms of the Culture, Society, Political mindset, etc. of an era. • Breaking down the language and tone of an era. • Applying research of a script: what era was the script set in, what era was the script written in, and how does it apply to a modern audience. 	9	14	<p>Academic: RLST 12.2, RLST 12.3, RLST 12.4, RLST 12.7, WS 11-12.4, 11-2.6, WS 12.7, WHSST 11-12.5, WHSST 11-12.6, WHSST 11-12.8</p> <p>CTE Anchor: 1.0, 2.0, 4.0, 5.0, 6.0, 7.0, 9.0, 10.0, 11.0</p> <p>CTE Pathway: C1.0, C2.0, C4.0, C5.0, C6.0</p>
VI.	EQUIPMENT MASTERY	CR	LAB/CC	STANDARDS
	<p>Students will learn and demonstrate:</p> <ul style="list-style-type: none"> • What is the design and capability of: <ul style="list-style-type: none"> ○ Hand Tools ○ Hand Power Tools ○ Bench Mounted Power Tools ○ Specialty Tools • How can the above tools be used in an alternative approach? • Operator level preventative maintenance and 	6	10	<p>Academic: RLST 12.2, RLST 12.3, RLST 12.4, RLST 12.7, WS 11-12.4, 11-2.6, WS 12.7, WHSST 11-12.5, WHSST 11-12.6, WHSST 11-12.8</p> <p>CTE Anchor: 1.0, 2.0, 4.0, 5.0 6.0, 7.0, 9.0, 10.0, 11.0</p> <p>CTE Pathway: C1.0, C2.0, C4.0, C5.0, C6.0</p>

**Newport-Mesa Unified School District
Office of Career Technical Education
High School Course of Study**

	troubleshooting of your equipment. The above is design department specific for true mastery, but all design factions should understand the fundamentals in a cross functions mindset.			
VII.	DEPARTMENT BUDGETING/ MATERIAL PROCUREMENT (FINANCE)	CR	LAB/CC	STANDARDS
	Students will learn and demonstrate: <ul style="list-style-type: none"> • Breaking down the department budget and prioritizing key elements. • Locating suppliers and acquiring quotes. Developing vendor relationships. • Identifying flexibility of material quality; where can cheaper material be used to achieve the same effect without compromising the integrity of the asset. • Purchase Order, Invoice, and Receipt tracking to provide Accounting. 	6	10	<p>Academic: RLST 12.2, RLST 12.3, RLST 12.4, RLST 12.7, WS 11-12.4, 11-2.6, WS 12.7, WHSST 11-12.5, WHSST 11-12.6, WHSST 11-12.8</p> <p>CTE Anchor: 1.0, 2.0, 4.0, 5.0, 6.0, 7.0, 9.0, 10.0, 11.0</p> <p>CTE Pathway: C1.0, C2.0, C4.0, C5.0, C6.0</p>

VIII.	PROJECT MANAGEMENT	CR	LAB/CC	STANDARDS
	Students will learn and demonstrate: <ul style="list-style-type: none"> • Plan: Identify all achievable aspects of the project with the client and establish a clear scope of work of what is to be accomplished. • Prep: Create a project calendar and a correlating Gantt chart that marks due dates for material/equipment to arrive and readily available for production. • Build: Create milestones to act as key indicators for production timelines. Develop time estimates for required tasks and schedule contingencies. • Deliver: Provide Stage Manager all necessary information from the design and its deployment. 	6	10	<p>Academic: RLST 12.2, RLST 12.3, RLST 12.4, RLST 12.7, WS 11-12.4, 11-2.6, WS 12.7, WHSST 11-12.5, WHSST 11-12.6, WHSST 11-12.8</p> <p>CTE Anchor: 1.0, 2.0, 4.0, 5.0, 6.0, 7.0, 9.0, 10.0, 11.0</p> <p>CTE Pathway: C1.0, C2.0, C4.0, C5.0, C6.0</p>

**Newport-Mesa Unified School District
Office of Career Technical Education
High School Course of Study**

IX.	PRODUCTION INTERNSHIP	CR	LAB/CC	STANDARDS
	<p>Students will learn and demonstrate:</p> <ul style="list-style-type: none"> • Learning from your Mentors: how to ask questions and engage to absorb as much knowledge as possible. • Cross Department Training: learn the objectives of other departments and their functionality. • How to prepare yourself for a promotion. • The importance of Professional Conduct. 	9	10	<p>Academic: WS 11-12.4, 11-2.6, WS 12.7, WHSST 11-12.5, WHSST 11-12.6, WHSST 11-12.8</p> <p>CTE Anchor: 1.0, 2.0, 4.0, 5.0, 6.0, 7.0, 9.0, 10.0, 11.0</p> <p>CTE Pathway: C1.0, C2.0, C3.0, C4.0, C5.0, C6.0</p>

X.	CAREER READINESS	CR	LAB/CC	STANDARDS
	<p>Job shadowing / Mentorship</p> <ul style="list-style-type: none"> • Interview with professional in their field • Review of work • Training / mentorship on a faction • Job shadowing in the field 	2	8	<p>Academic: LS 11-2.1, LS 11-2.2, LS 11-2.3, LS 11-2.4, LS 11-2.5, LS 11-2.5, LS 11-2.6, RSL 11-12.1, RSL 11-12.2, RSL 11-12.3, RSL 11-12.4, RSL 11-12.5, RSL 11-12.6, RSL 11-12.7, RSL 11-12.8, RSL 11-12.9, RSIT 11-12. 1, RSIT 11-12.3, RSIT 11-12. 4, RSIT 11-12. 6, RSIT 11-12. 7, RHSS 11-12.2, RHSS 11-12.3, RHSS 11-12.4, RHSS 11-12.5, RHSS 11-12.6, RHSS 11-12.7, RHSS 11-12.8, RHSS 11-12.9</p> <p>CTE Anchor: C1.0, C2.0, C3.0, C4.0, C5.0, C6.0</p> <p>CTE Pathway: C3.0</p>

XI.	PORTFOLIO	CR	LAB/CC	STANDARDS
	<p>Students will prepare a professional portfolio.</p> <ul style="list-style-type: none"> • resume • renderings • production work • references 	2	8	<p>Academic: LS 11-2.1, LS 11-2.2, LS 11-2.3, LS 11-2.4, LS 11-2.5, LS 11-2.5, LS 11-2.6, RSL 11-12.1, RSL 11-12.2, RSL 11-12.3, RSL 11-12.4, RSL 11-12.5, RSL 11-12.6, RSL 11-12.7, RSL 11-12.8, RSL 11-12.9, RSIT 11-12. 1, RSIT 11-12.3, RSIT 11-12. 4, RSIT 11-12. 6, RSIT 11-12. 7, RHSS 11-12.2, RHSS 11-12.3, RHSS 11-12.4, RHSS 11-12.5, RHSS 11-12.6, RHSS 11-12.7, RHSS 11-12.8, RHSS 11-12.9</p> <p>CTE Anchor: 2.0, 3.0, 10.0, 11.0</p> <p>CTE Pathway: C4.0, C6.0, C7.0</p>