EMPLOYABILITY PROFILE
Entertainment Engineering

Industry-Based Skill Standards

NA = Not Applicable   **1 = Introduced**   **2 = Developing**   **3 = Proficient**   **4 = Mastery**

	9th	10th	11th	12th
Personal Health and Safety				
Demonstrates foundational backstage etiquette and safety. Describes fire safety and other emergency evacuation procedures. Identifies personal protective equipment (PPE) worksite environments including tool safety, ladder safety, personal protective apparel, and construction site safety.				
Hand and Power Tools				
Demonstrates proper selection and use of both hand and hand-held power tools used in set construction. Cleans, maintains, and properly stores all tools.				
Technical Drawing and CAD				
Read, writes and interprets digital prints and scaled drawings, detail drawings, and plot drawings to obtain information about construction plans and details.				
Ethics and Regulations				
Defines and show examples of intellectual properties, fair use, pubic domain, copyright, creative commons, and trademark. Describes how they are used in the entertainment industry.				
Set Design				
Demonstrates specialized painting techniques such as for textured coatings, wood grain, marble, ombre for design and scenic components– vertical, horizontal, moveable, and support structures.				
Management				
Defines roles and responsibilities for production management, stage management, and front of house operations. Presents a production calendar, schedule and budget.				

	9th	10th	11th	12th
Lighting Systems				
Demonstrates the function of production lighting including visibility, mood, composition, integration for other set elements.				
Electrical Systems				
Demonstrates proper use of electrical equipment as it applies to conductors, insulators, current, resistance, voltage, amps, circuits, fuses and circuit breakers.				
Audio Systems				
Demonstrates use of varied wired and wireless sound reinforcement equipment including monitors for frequency planning (UHF, VHF, etc.) and proper use of microphones to include dynamic, condenser and lavalier.				
Script Analysis				
Determine technical requirements such as elements for costumes, lighting, audio, production management, scenery and select lighting, properties, costumes and makeup to help create a particular theatrical environment from a script.				
Wardrobe and Costume Design and Production				
Demonstrates repair and maintenance of wardrobe garments. Sketches a costume design using basic design tools and techniques such as drawing, draping and flat pattern methods.				
Career Development Portfolio				
Creates a career development portfolio using appropriate writing skills to create cover letter, resumes, samples of work, and career plan to be used in the job seeking process.				

Industry Certifications / Credential / Endorsement	yes	no

Articulated College Credit or Advanced Standing	credits
Total	