

50.0101 VISUAL & PERFORMING ARTS

| United States Institute of Theatre Technology | | | | | | | | | | | | |
|---|----|---|--|----------------|--|--|--|--|--|--|-----------------------------------|----------------|
| | | | RATING SCALE: 4 = Exceeds criteria and/or able to teach task 3 = Accomplishes task to criteria 2 = Accomplishes task with help 1 = Exposed to the task N = Not exposed to task | National Codes | | | | | | | Local Task ID Code/Delivery Point | Post Secondary |
| Section #2 MICHIGAN STANDARDS | | | | | | | | | | | | |
| A | | Understanding Technical Theater | | | | | | | | | | |
| | 1 | Perform the duties associated with broad content areas in technical theater | | | | | | | | | | |
| | 2 | Demonstrate knowledge of the sequence of stage production | | | | | | | | | | |
| | 3 | Understand and apply the basic mathematical concepts that apply to technical theater duties | | | | | | | | | | |
| | 4 | Understand and observe all safety procedures required in technical theater | | | | | | | | | | |
| B | | Costuming/Make-up and Hair | | | | | | | | | | |
| | 1 | Perform basic and hand and machine stitching | | | | | | | | | | |
| | 2 | Take measurements and perform fittings | | | | | | | | | | |
| | 3 | Label costumes, accessories and shoes | | | | | | | | | | |
| | 4 | Organize accessory bags and wardrobe racks | | | | | | | | | | |
| | 5 | Set-up and organize a quick change booth | | | | | | | | | | |
| | 6 | Apply/create a character makeup design for three to five actors for a performance | | | | | | | | | | |
| | 7 | Use basic make-up techniques in performance | | | | | | | | | | |
| | 8 | Identify and use costume and make-up resources including shops and suppliers | | | | | | | | | | |
| | 9 | Create a list of the range of fabric and appropriate applications or use for costume construction | | | | | | | | | | |
| | 10 | Perform basic costume maintenance including laundry and repairs | | | | | | | | | | |
| | 11 | Prepare a wardrobe plot for each character in a script. | | | | | | | | | | |
| | 12 | List the basic hair and wig requirements for a show from an examination of the script | | | | | | | | | | |
| | 13 | Create and use budgets for costume, make-up and hair expenditures. | | | | | | | | | | |
| C | | Construction | | | | | | | | | | |
| | 1 | Identify the common components of scenery construction | | | | | | | | | | |
| | 2 | Build standard scenery including platform, bracing, flat, and rails | | | | | | | | | | |
| | 3 | Measure and work in scale from a ground plan or working drawing | | | | | | | | | | |
| | 4 | Read construction plans e.g., elevations and ground plans. | | | | | | | | | | |
| | 5 | Create technical drawings | | | | | | | | | | |
| | 6 | Create a cut list for scenic construction | | | | | | | | | | |
| | 7 | Lay out the set placement on stage | | | | | | | | | | |
| | 8 | Spike scenic units in the performance space | | | | | | | | | | |
| | 9 | Use bearing loads in platform construction | | | | | | | | | | |
| | 10 | Scenic painting materials, methods and processes | | | | | | | | | | |
| | 11 | Use basic shop math for measuring | | | | | | | | | | |
| | 12 | Follow and enforce all safety procedures required in carpentry work | | | | | | | | | | |
| | 13 | Create and use scenic budgets. | | | | | | | | | | |
| | 14 | Use basic theater rigging techniques and rigging theory | | | | | | | | | | |
| D | | Electrics | | | | | | | | | | |
| | 1 | Identify the basic types and components of lighting instruments | | | | | | | | | | |
| | 2 | Hang and focus lighting equipment | | | | | | | | | | |
| | 3 | Change lamps and gels in standard lighting equipment | | | | | | | | | | |
| | 4 | Circuit and patch lighting equipment | | | | | | | | | | |
| | 5 | Read lighting plots and lighting paperwork | | | | | | | | | | |
| | 6 | Use lighting equipment templates to draw lighting symbols on a hang plot | | | | | | | | | | |
| | 7 | Demonstrate knowledge of basic color temperature and color theory | | | | | | | | | | |
| | 8 | Identify electrics rigging and lighting positions in the theater | | | | | | | | | | |
| | 9 | Operate/program/maintain lighting equipment including spotlights, light boards, etc. | | | | | | | | | | |
| | 10 | Use math and basic electrical formulas for stage electricians | | | | | | | | | | |
| | 11 | Follow and enforce all safety procedures required in electrics work | | | | | | | | | | |
| | 12 | Create and use electrics budgets | | | | | | | | | | |

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| E | | Properties | | | | | | | | | | | | | | |
| | 1 | Create properties paperwork and running sheets from an existing script | | | | | | | | | | | | | | |
| | 2 | Lay-out and label a prop table | | | | | | | | | | | | | | |
| | 3 | Construct and repair basic props using a variety of materials and skills | | | | | | | | | | | | | | |
| | 4 | Identify techniques for constructing props including papier maché, foam, and other materials | | | | | | | | | | | | | | |
| | 5 | Demonstrate knowledge of prop safety construction and use | | | | | | | | | | | | | | |
| | 6 | Create and use properties budget. | | | | | | | | | | | | | | |
| F | | Running Crews | | | | | | | | | | | | | | |
| | 1 | Follow cues from headset and cue lights | | | | | | | | | | | | | | |
| | 2 | Read cue sheets and run show accordingly | | | | | | | | | | | | | | |
| | 3 | Understand and use rigging systems and operations | | | | | | | | | | | | | | |
| | 4 | Discuss and outline the roles of various crew positions | | | | | | | | | | | | | | |
| | 5 | Strike organization and recycling | | | | | | | | | | | | | | |
| | 6 | Outline in discussion or writing the procedures for deck safety | | | | | | | | | | | | | | |
| | 7 | Walk the stage area to trouble shoot for safety issues | | | | | | | | | | | | | | |
| G | | Stage Management | | | | | | | | | | | | | | |
| | 1 | Create a timeline and flow chart to demonstrate an understanding of the rehearsal and production processes | | | | | | | | | | | | | | |
| | 2 | Create a prompt book to be used in the production of a theater event | | | | | | | | | | | | | | |
| | 3 | Create call sheets and scene breakdown paperwork to be used in the production of a theater event | | | | | | | | | | | | | | |
| | 4 | Direct the various crews in running rehearsals and performances | | | | | | | | | | | | | | |
| | 5 | Create prop running paperwork in conjunction with the prop crew. | | | | | | | | | | | | | | |
| | 6 | Generate rehearsal and show reports | | | | | | | | | | | | | | |
| | 7 | Demonstrate knowledge of communication methods for serving as the liaison between creative team, actors and crews | | | | | | | | | | | | | | |
| | 8 | Generate rehearsal schedules in conjunction with the director | | | | | | | | | | | | | | |
| | 9 | Create and stock a basic stage management kit | | | | | | | | | | | | | | |
| | 10 | Tape out a rehearsal room by reading drawings and ground plans. | | | | | | | | | | | | | | |
| | 11 | Supervise the deck crew in glow taping stage set and set-up of safety lights | | | | | | | | | | | | | | |
| | 12 | Organize and run an audition | | | | | | | | | | | | | | |
| | 13 | Run a dry technical rehearsal | | | | | | | | | | | | | | |
| | 14 | Create and use production budgets | | | | | | | | | | | | | | |
| H | | Sound | | | | | | | | | | | | | | |
| | 1 | Analyze script to create a cue list for sound | | | | | | | | | | | | | | |
| | 2 | Identify common sound equipment and components | | | | | | | | | | | | | | |
| | 3 | Microphone technique and positioning | | | | | | | | | | | | | | |
| | 4 | Assemble sound system to enhance appropriate sound mix and balance | | | | | | | | | | | | | | |
| | 5 | Use and edit sound software | | | | | | | | | | | | | | |
| | 6 | Comply with sound safety issues | | | | | | | | | | | | | | |
| | 7 | Calculate sound budget | | | | | | | | | | | | | | |
| | 8 | Perform signal math using sound theory | | | | | | | | | | | | | | |