

Technical Theatre II-9 Week Pacing Calendar

First Nine Weeks	Third Nine Weeks
<ul style="list-style-type: none"> ● Production Organization and Management; <ul style="list-style-type: none"> ○ The Production Sequence; Script, Concept Design, and Construction, Rehearsals ○ Theatre Organization; ○ Production Job Descriptions; Producer, Playwright, Director, Production Manager, Stage Manager, Scenic and Property Personnel, Lighting Personnel, Costume Personnel, Sound Personnel ● The Stage and Its Equipment; <ul style="list-style-type: none"> ○ Proscenium Stage, Thrust Stage, Arena Stage, Black Box Theatres, Found Theatre Spaces ● Tools and Materials; <ul style="list-style-type: none"> ○ Hand Tools; Measuring Tools, Marking Tools, Hammers, Cutting Tools, Drilling Tools, Clamping Tools, Screwdrivers, Miscellaneous Hand Tools, Metalworking Hand Tools ○ Power Tools; Stationary Power Tools, Power Handsaws, Power Drilling Tools, Battery-Powered Tools, Pneumatic Tools, Metalworking Power Tools, Miscellaneous Power Tools ○ Wood; Stock Lumber, Molding and Trim, Sheet Stock, Manufactured Wood ○ Metal; Mild Steel, Proprietary Structural System, Aluminum ○ Plastics; Acrylic, Epoxy, Fluorocarbons, Polyesters, Polyethylene, Polystyrene, Polyvinyl Chloride, Pyroxylin, Urethanes ○ Fasteners; Nails, Screws, Bolts, Washers, Nuts ○ Glues and Adhesives; Glues, Adhesives ○ Hardware; Construction Hardware, Stage Hardware ○ Rope, Cable, & Wire; Manila Rope, Sisal Rope, Clothesline, Nylon Rope, Monofilament Line, Aircraft Cable, Wire ○ Block and Tackle ○ Safety Equipment ● The Design Process; <ul style="list-style-type: none"> ○ Commitment, ○ Analysis; Analyzing the Script, The Questioning Process ○ Research; Background Research, Conceptual Research ○ Incubation, ○ Selection, ○ Implementation, 	<ul style="list-style-type: none"> ● Scenic Design; <ul style="list-style-type: none"> ○ Considerations for the Scenic Designer, ○ Mood and Spirit of the Play, Historical Period of the Play, Locale of the Play, Socioeconomic Level and Personality of the Characters, Season of the Year, Elements of Composition, Practicality of the Setting ○ Visual Presentation of Scenic Designs ○ Sketches, Models, Computer Presentations, Other Presentation Techniques, Designer's Plans ● Scenic Production Techniques; <ul style="list-style-type: none"> ○ Scenic Construction Techniques, ○ Woodworking, Welding, Soldering ○ 2D Scenery, ○ Flats, Soft Scenery ○ 3D Scenery ○ Stage Platforming, Stairs, Staircase Railings, Wagons, Trusses, Revolves, Skids, Winch-Drive Systems, Platform Anchoring Techniques, Rocks, Irregular Platforms, 3D Trees ● Scene Painting; <ul style="list-style-type: none"> ○ Materials, ○ Scene Paints, Aniline Dye, Applicators, Auxiliary Scene Painting Tools ○ Preparing Scenery for Painting, ○ Repairing Holes, Applying Dutchmen, Flameproofing, Horizontal and Vertical Painting ○ Preliminary Coating, ○ Size Coat, Prime Coat ○ Paint-Mixing Techniques ○ Dry Pigment and Binder, Casein, Latex, Vinyl Acrylic ○ Base Coat, Painting Techniques with Aniline Dye, Spraying Techniques, Cartooning, Standard Texture Coats, Applications of Painting Techniques, Specialized Finishing Techniques, Wallpapering, Drop Painting Techniques ● Costume Design; <ul style="list-style-type: none"> ○ The Nature of Costume Design, ○ General Considerations for Costume Design, ○ Organizational Paperwork, ○ Visual Presentation of the Costume Design

<ul style="list-style-type: none"> ○ Evaluation ● History of Theatre Architecture and Stage Technology; <ul style="list-style-type: none"> ○ Greek, Roman, Medieval, 1500-1650, 1650-1900, 20th Century 	<ul style="list-style-type: none"> ● Costume Construction; <ul style="list-style-type: none"> ○ Organization of Costume Shops, The Costume Shop, Fabrics, Fabrics and Nonfabric Materials Used in Costume Construction ○ Costume Shop Tools ● Makeup; <ul style="list-style-type: none"> ○ Designing the Makeup, Types of Makeup, Application Techniques ○ Nose Putty, Derma Wax, Gelatin, Latex, Prosthetics, Beards and Mustaches
Second Nine Weeks	Fourth Nine weeks
<ul style="list-style-type: none"> ● Script Analysis; <ul style="list-style-type: none"> ○ Analyzing the Script, The Questioning Process ● Color; <ul style="list-style-type: none"> ○ Defining Color; Color Terminology ○ Seeing Color, ○ Color Mixing; Primary Colors, Secondary Colors, Filtered Light, Color Mixing in Paint, Integrated Color Wheel, A Practical Postscript to Color Theory ○ Application of Color in Theatre; Meaning of Color, Practical Color Use ○ Color Analysis; Production Materials, Paint, Color in Lighting, Color in Costuming ● Style, Composition, and Design; <ul style="list-style-type: none"> ○ Stylization, Literary Style and Theatrical Design ○ Line, Shape, Mass, Measure, Position, Color, Texture ○ Unity, Harmony, Contrast, Variation, Balance, Proportion, Emphasis ○ Drawing and Rendering; Materials, Drawing and Rendering Techniques, Style and Stylization in Theatrical Design, Production Style, Design Styles and Design Periods, Elements of Design, Principles of Composition ● Stage Properties; <ul style="list-style-type: none"> ○ What is a Prop?, ○ Set Props, Hand Props, Decorative Props ○ Property Design, Organizing Props for a Production, Craft Techniques ○ Furniture, Upholstery, Decorative Curtains and Draperies, Papier-Mache, Vacuum Forming, Molds, Foam Carving, Heat Forming, Fiberglass, Wood Turning ● Mechanical Drafting; <ul style="list-style-type: none"> ○ Drafting Materials and Instruments, 	<ul style="list-style-type: none"> ● Lighting Design; <ul style="list-style-type: none"> ○ Controllable Qualities of Light, ○ Distribution, Intensity, Movement, Color, Texture ○ Functions of Stage Light, ○ Visibility, Selective Focus, Modeling, Mood ○ Designing with Light, ○ The Light Plot and Related Paperwork, ○ The Image of Light, ○ Drawing the Light Plot and Lighting Section, ○ Rehearsal and Performance Procedures ● Lighting Production; <ul style="list-style-type: none"> ○ Lenses, ○ Double-Plano Convex Lens, Step Lens, Fresnel Lens ○ Lamps, ○ Incandescent Lamp, Tungsten-Halogen Lamp, Arc Sources, Color Temperature, Lamp Structure, MR16 Lamps, Light Output of Lamps, Color Media ○ Lighting Instruments, ○ Ellipsoidal Reflector Spotlights, Fresnel Spotlight, Striplight, Cyc Light, Beam Projector, PAR Can, Followspot, Moving Lights ○ Dimmers, ○ Dimmer Control Techniques, Autotransformer Dimmer, Silicon-Controlled Rectifier Dimmer, Control Consoles ○ Cables and Connectors, ○ Electrical Cable for Stage Use, Wire Gauge, Connecting Devices, Extension Cables ○ Circuiting ○ Permanent Wiring, Connecting Strips and Patch Panels, Spidering, ● Electrical Theory and Practice; <ul style="list-style-type: none"> ○ Electricity – What is It?, Electricity at Work ● Projections and Media;

- Drafting Board, T Square, Triangles, Compass and Circle Template, Architect's Scale Rule, Drawing Pencils, Eraser, Drafting Tape, Computer Drafting
- Drafting Symbols and Conventions,
- Line Weights, Drafting Conventions, Lettering, Title Block, Dimensions, Symbols
- Types of Drawings
- Ground Plan, Sectional Drawings, Front Elevations, Rear Elevations, Detail Drawings

- Lensless Projectors, Lens Projectors, Projection Screens, Slide Preparation, Other Projectors
- Sound Design and Technology;
 - Functions of Sound in the Theatre, The Nature of Sound, Basic Acoustics, Sound Production, Practical Considerations
- Portfolio and Resume;
 - Theatrical vs. Standard Resume, Digital vs. Paper Portfolio