



Technical Theatre (Beginning & Advanced)

- Year-long courses (10 credits)
- Courses are A-G eligible / CTE Pathway
- Adv Tech: prerequisite is Beg Tech
- Workload:
 - **Beginning** - in class modules take you through lights, sound, set design, props, costumes, dramaturgy, publicity, carpentry, and directing. *Students may also interview for positions in the after school opportunities for additional Play Production experience and credit.*
 - **Advanced** - uses class time to design and build for Northwood productions. *Advanced students are encouraged to interview for positions in the after school leadership and crew roles for additional Play Production experience and credit.*



Pathway Description

This Stage Technology pathway will provide students an opportunity to explore the duties of stage technicians and their contribution to the total aesthetic effect of a dramatic production. Students will learn design research and principles; scene shop organization; painting and construction techniques; equipment use and maintenance; principles and application of sound, lighting, and computer technology; the use of special effects; costume and makeup considerations and selection; publicity and business management; theatre safety; and the function of technical stage personnel in production work. Other fields will be addressed through observation of experienced Northwood High students as well as industry professionals.

Topics of Study

- Stage Anatomy & Shop Safety
- Design Fundamentals
- Set Design
- Light Design
- Costume Design
- Audio Design
- Property Design
- Hair and Make-up Design
- Stage Management
- Drafting and Rendering
- Dramaturgy
- Department Budgeting / Material Procurement
- Project Management
- Employment Portfolio

Course Sequence

- Technical Theatre
- Advanced Technical Theatre

Why YOU Should Take Technical Theatre

- You want to learn more about live events and theatre production.
- You want to develop transferable skills that are relevant to various careers including architecture, construction, management, computer programming, animation, special effects, and engineering.
- You want to experience an integrated approach to learning as students use math, art, geometry, physics, history, electronics, and language skills while at the same time learning to use power tools, paints, materials, audio-video, lighting, and computers

