# PETERS TOWNSHIP HIGH SCHOOL
## COURSE SYLLABUS: DIGTAL AUDIO PRODUCTION II

### Course Overview and Essential Skills

Digital Audio Production II is an advanced level, hands-on course that focusses on advanced terminology and application of professional audio engineering. Activities in the course include, but are not limited to, creation and editing of sound effects, recording, and music in areas such as radio, professional musical recordings, movies, and television production.

### Course Textbook and Required Materials

- Computers [Provided By District]
- Digital Audio Workstation Software/Hardware [Provided By District]
- Headphones
- Digital Pianos/Controllers

### Course Outline of Material Covered:

| Unit or Topic | Concepts/Skills/Resources | Timeframe |
|---|---|---|
| Sound Terminology, Software, and Equipment | By beginning with the end in mind, this unit teaches **beginner** vocabulary that sound technicians use as well as teaching the technical aspect of all of the software that will be needed for projects and future job opportunities. We are proactive in **discussing** the significance of Film Sound and introduce the integration of music and sound effects into movies. | 2 Weeks |
| Elements of Sound Recording | By synergizing with the entire class, this unit brainstorms ideas of sound recording and the sensitivity of sound editing as it pertains to motion pictures. Students will record many sound effects inside and outside as well as edit those sound in Garageband and/or Protools. They will also prepare a file in Garageband and/or Protools for an upcoming movie trailer project that will be due in the next couple of weeks. | 2 Weeks |
| Sound in Media | By beginning with the end in mind, students will remove all sound elements from a movie trailer and add ADR, musical underscoring, and sound effects to recreate the sound in said movie trailer. | 5 Weeks |
| Story Formation and Structure | Students will be proactive by brainstorming a theme for the radio show, formulating a story, and being part of the audition process for choosing characters for the Radio Show. | 1 Week |

| Recording, Editing, and Mastering | Students will think win-win when they record, search, and/or produce sound effects, dialog, and/or musical underscoring as well as edit, mix, master, and/or export the final show to a wave and mp3 file using the software, Pro Tools.  Students will record a Project Timeline that will help keep them on task through the rest of the semester.  They will also keep a journal of their work that will be recorded daily. | 8 Weeks |
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*Depending on the needs of the class or changes in the school year, the course outline is subject to change.*

## Resources

- Filmsound.org Resource Website
- Video of Sound Audio Design – Star Wars Episode II
- Student choice of Movie Trailer – (G - PG13)