

TRITON REGIONAL HIGH SCHOOL
VISUAL AND PERFORMING ARTS
SOUND RECORDING TECHNOLOGY 3

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Office Hours: By appointment
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Course #806 (3A) Grades 11, 12 Full Year 2.5 credits

COURSE SUMMARY:

- I. SRT 3 examines the **science of sound (acoustics), sound reinforcement (amplification), and sound recording**. Students will learn how to reinforce and record both acoustic and electronically amplified and/or generated sound.
- II. Successful completion will provide intermediate level skills as a **sound technician** in live meeting and concert recording, as well as cable TV and recording studio work.
- III. Substantial outside of class time **lab work** and especially **on-location sound recording/reinforcement** activities are assigned.

COURSE OBJECTIVES:

1. Review the science of acoustics, including sound as energy, how sound travels through air, and the influence of the environment on sound.
2. Review how to become a **solution driven** leader and apply those traits in the role of **Crew Chief** on location.
3. Review department reinforcement and recording equipment with the goal of **teaching others**.
4. Gain an intermediate understanding of **MIDI (stacking and controllers)**.
5. Review the various types of **microphones**, their uses, and the basics of mic placement.
6. Review how to produce the best recording for a school concert.
7. Review **Cakewalk Home Studio** and **Cakewalk Pro Audio** and use them for digital recording and editing.
8. Learn how to produce a digital **sound track** for a commercial.
9. Learn how to plan and execute on-location assignments for recording and reinforcement, and operate the control systems in the **auditorium control booth**.
10. Learn **lighting** equipment and techniques.
11. Learn basic **video editing** techniques.
12. Plan, promote, and tech the annual BATTLE OF THE BANDS (Saturday, May 6)

TEXT:

Study Guides will be handed out and/or downloaded by each student from the class website at the beginning of each unit. Students are expected to keep the units organized and bring them to each class.

MAJOR ASSIGNMENTS:

On-location assignments (2 per quarter). These are during and after school, as well as evenings and weekends, whenever school events are held. Because of their experience, 3rd year techies will be expected to do more on-location assignments than 1st and 2nd year techies. They will be expected to assume the role of Crew Chief in most, if not all, of their assignments.

3rd year techies will have special assignments throughout the year (i.e. teaching assignments, Battle of the Bands organization, concert mastering, cable repair, equipment inventory and organization...)

HOMEWORK EXPECTATION:

Read and study material in unit study guides.

GRADING:

On-Location assignments: (2 per quarter)	50%
Special Assignments:	30%
Assessments:	20%

BEHAVIORAL EXPECTATIONS:

1. Arrive at class on time. If late, come with a pass from a teacher.
2. Bring to each class your study guides, a pencil, and note paper.
3. Stay positive, work on task, and be a good classroom citizen.
4. Handle equipment with respect and care. Report damaged equipment immediately.