

TRITON REGIONAL HIGH SCHOOL  
VISUAL AND PERFORMING ARTS  
**SOUND RECORDING TECHNOLOGY 1**

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Office Hours: By appointment

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Course #803 (1S) and #804 (1A) Grades 9, 10, 11, 12 Full Year .5 CU

***COURSE SUMMARY:***

- I. SRT 1 examines the **science of sound (acoustics), sound reinforcement (amplification), and sound recording**. Students will learn how to record both acoustic and electronically amplified and/or generated sound.
- II. Successful completion will provide entry-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. Leveling is determined by the level of the last science course you have taken and passed.

***CONTENT OBJECTIVES:***

1. Gain a basic understanding of acoustics, including sound as energy, how sound travels through air, and the influence of the environment on sound.
2. Learn how amplifiers, speakers, and mixers work.
3. Learn basics of magnetic analog and digital analog recording technology

***SKILL OBJECTIVES:***

1. Learn how to operate a **sound system**, including a mixing console.
2. Learn the various types of **microphones**, their uses, and the basics of mic placement.
3. Learn how to use the analog and digital equipment in the **Sound Lab**.
4. Learn how to plan and execute on-location assignments for recording and reinforcement, and operate the control systems in the **auditorium control booth**.
5. Learn to work **On Location Assignments** as part of a crew.

***TEXT:***

Study Guides will be handed out and/or downloaded by each student from the class website (<http://www.mrlmusicclass.homestead.com/Soundtech.html>) 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 (1 per quarter). These are during and after school, as well as evenings and weekends, whenever school events are held.

***HOMEWORK EXPECTATION:***

Read and study material in unit study guides.

***GRADING:***

Assessments	40%
(Tests, Quizzes, Homework)	
On-location assignments	30%
In class practice	30%

***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 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.