

COMMUNICATIONS DEPARTMENT

RADIO AND TELEVISION PRODUCTION: COURSE #904

Contact Information

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The Department's Educational Philosophy

We believe that students should be exposed to the various methods, forms and history of communications. In such a technologically based society, understanding the methods and impact of such forms of communications are highly vital. Students learn best from being directly involved in such communication methods, including within the environs of the television and radio studios as well as digital editing laboratories.

Guiding Principles

- An effective communications program develops students' abilities to communicate accurately and precisely.
- An effective communications program emphasizes both cooperative and independent learning.
- All students should develop a greater understanding of the day-to-day activities required to run the radio and television facilities at the high school.

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Course Frequency: Semester course, 6 times per 6 day cycle

Credit(s) Offered: 2.5 credits

Prerequisites: None

Background to the curriculum

This course was developed in the summer of 2000 as one of two new elective courses offered as part of the emerging communications program. This course offers students hands-on experience in the day-to-day operations of the high school FM radio station and community television studio.

For additional information about this course, contact Dan Drinkwater in the high school media center.

Core Topics/Concepts

- radio broadcasting
- audio editing
- S-VHS editing
- DV camera
- television studio setup
- operating studio equipment
 - ~ production studio control console
 - ~ mini disc player/recorder
 - ~ cassette player/recorder
 - ~ microphones
 - ~ sound-editing application (Cool Edit 2000)
- FCC regulations
- writing public service announcements
- mini-DV camera
- i-movie 4 digital editing program
- producing automated radio programming

Course-End Learning Objective

<u>Learning Objectives</u>	<u>Corresponding state standards, where applicable</u>
1] Master the use of the radio board and Cool Edit 2000 audio editing program.	Media #27
2] Plan, write and produce radio public service announcements.	Reading and Literature #18;
3] Master the use of S-VHS, mini-DV and DV video cameras.	Comp. #19-23; Language #6
4] Master the operation of MacIntosh i-Movie 4 digital editing program.	Media #27
5] Master the task of preparing the television studio for a shoot.	Media #27
6] Master the task of exporting digital news pieces from editing computers.	Media #27
7] Master the task of hosting a weekly radio program on the school's FM radio station.	Media #27
8] Master the task of digital videography in a high school classroom setting.	Media #27
9] Master the task of burning a DVD.	Media #27
10] Master the task of digitizing analogue video footage.	Media #27

Assessment

This course has a performance-based format. Students are assessed on their ability to follow the instructor's directions and work cooperatively in the radio production studio, air studio, and television studio.

Technology Learning Objectives Addressed in This Course

(This section is for faculty and administrative reference; students and parents may disregard.)

<u>Course activity: skills and/or topics covered</u>	<u>Standards addressed through this activity</u>
1] word processing	
2] DV and mini-DV digital video cameras	
3] Mac i-Movie 4 digital editing program	
4] Cool Edit 2000 audio editing program	
5] production of automated radio programming	

Materials and Resources

There is no textbook for this course. Manufacturers' manuals and hands-on training are used to develop the students' skills.