

LTEC 4210/CECS 5111 Course Objectives

After completing the course, the student will be able to:

1. Demonstrate competence in the creation of a digital video product using prescribed parameters.
2. Demonstrate competence in the digitizing (or capture) of video images using prescribed parameters for frame rate, audio rate, compression, and screen size.
3. Demonstrate competence in post-production processing (compression, CD-ROM optimization, etc.) of video segments or programs.
4. Demonstrate competence in editing digital video programs using prescribed editing software.
5. Demonstrate competence using various editing techniques such as insert editing, assemble editing, title superimposition and other special effects.
6. Demonstrate competence in basic camera techniques such as frame composition (medium shot, close up, etc.) and camera movements (pan, tilt, zoom, etc.).
7. Demonstrate competence in various production equipment set ups such as cameras, tripods, microphones, etc.
8. Demonstrate competence in the recording and editing of digital sound using prescribed software.
9. Demonstrate competence in the recording of clean, noise-free analog audio signals for conversion to digital files.
10. Demonstrate knowledge of basic visual sequencing techniques.
11. Define appropriate terms and jargon related to video and audio production in analog and digital domains.
12. Demonstrate knowledge of the relationship of compression, screen size and capture rate on digital file size.
13. Identify and characterize various file formats related to digital media.
14. Demonstrate knowledge is the organization, planning, scripting and execution of video and/or audio productions.
15. Identify various components of digital signals and their relationship to technical and subjective picture and sound quality.
16. Demonstrate competence in the creation of digital media for various distribution systems mediums such as CD-ROM, Internet, Multimedia, etc.

Course Requirements

Plan a minimum of three hours of preparation for each hour of class to successfully complete this course. Project themes must be approved by the instructor before the beginning of the project in order to be accepted. All work submitted in this class must be free of any sexual content, profane language, racial slurs and other inappropriate material. If you are not sure or have any questions regarding this policy, please check with the instructor. Student work with inappropriate material will not be accepted and consequently receive a grade of zero.

Method of Evaluation

Due dates for all assigned materials will be announced in advance. Changes, on the assignments requirements or due dates may be announced later. **It is the students' responsibility to keep up with these updates and to have all assignments ready on time.** Students whose personal or professional commitments require travel or other activities during the semester must arrange to have assignments submitted early. **Late assignments will not be accepted unless arrangements are made with the instructor in advance.**

The assignment of a grade of I will only be made for the reasons specified by university regulations. Running out of time or not getting it done is not one of the specified reasons.

Quizzes cannot be made up. You must notify your instructor in advance if an exam will be missed. If an exam is missed without prior notification, 20% will automatically be deducted from the exam grade. Any missed exams must be made up within one week of the scheduled time. Date and time to be determined by the instructor - upon student request.

Correspondence

All students should activate and regularly check their [EagleConnect](#) (e-mail) account. EagleConnect is used for official communication from the University to students. Many important announcements for the University and College are sent to students via EagleConnect. For information about EagleConnect, including how to activate an account and how to have your email forwarded to another e-mail address, visit <http://eagleconnect.unt.edu/>.

Academic Ethics

You are expected to create, and print out your own assignments and take tests without outside assistance. All work is expected to be your own. Cheating and disciplinary action for cheating is defined by the UNT Policy Manual Code of Student Conduct and Discipline.

Cheating is an act of academic dishonesty. It is defined and is to be handled as follows:

Plagiarism and cheating refer to the use of unauthorized books, notes, or otherwise securing help in a test; copying tests, assignments, reports, or term papers; representing the work of another as one's own; collaborating, without authority, with another student during an examination or in preparing academic work; or otherwise practicing scholastic dishonesty.

Although there are other possibilities, you should expect the penalty assigned for such infractions will include a failing grade in the course and a recommendation that you be denied a degree. It is your responsibility to clearly identify all elements in your work that are not original works of authorship as defined by the United States Copyright act. You are expected to strictly obey the provisions of all laws of the United States and the State of Texas in the completion of all course activities, taking particular notice of the provisions of the United States Copyright Act (Title 17 United States Code). This law provides that you may legally use, with certain limitations, certain copyrighted materials in the context of research and scholarship. Do not confuse your ability to legally copy materials under the fair use provisions of the Copyright Act with the ability to claim that such a copy is an original work of authorship.

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