ELECTRONIC CINEMATOGRAPHY
VPT 1050

Class Hours: 3   **Credit Hours: 3**

Laboratory Hours: 0   **Date Revised: Spring 2011**

Catalog Course Description:

This course will focus upon the technical and aesthetic aspects of motion picture photography (using an electronic camera), including image composition, lenses, aperture and shutter speed settings, how to "shoot for editing" camera mounting equipment, field and studio lighting equipment and techniques, video signal test equipment and theory, and other various related technologies and grip equipment. The course will utilize "expert examples" by world famous directors of photography and feature hands-on assignments with professional-level facilities and equipment.

Entry Level Standards:

Student should possess particular interest in learning how to operate professional video cameras, lighting and grip equipment to create compelling photographic visuals. No prior photographic experience is required, but may be beneficial. Basic college level competencies in reading comprehension and English are presumed. Good time management skills are essential.

Prerequisites:

None

Co-requisites:

VPT 1045

Textbook(s) and Other Course Materials:

Required Textbook:
Lighting for Film & Electronic Cinematography, latest edition – Viera

Students may want to purchase 1 portable/external Firewire hard drive with a minimum storage of 100 gigabytes, an 8 gig Flash/USB drive, student discount on software for the course, a laptop computer, 2 DVDs and Headphones.

I. Week/Unit/Topic Basis:

Week	Topic
1	General introduction to the field of motion picture production, specifics of the nature of the profession of videographer and the skills necessary to become a videographer.
2	Tools of the trade, The Toolbox, SD/HD
3	The Camcorder - part 1
4	The Camcorder - part 2, Assessment 1

5	Lighting 1 - theory
6	Lighting 2 – studio, Green Screen
7	Lighting 3 - exterior
8	Lighting 4 - interiors
9	Lighting 5 – mixed lights, Assessment 2
10	Shooting on Film (if available), Camera Support
11	Test Equipment and Safety
12	Group Project, Assessment 3
13	Group Project
14	Group Project Critique and Review
15	Final Exam

II. Course Goals*:

The course will:

A. Establish understanding of the need to employ excellent "production values" in finished work. II, III, IV

B. Develop skills necessary to compose strong and compelling visual images through the use of motion pictures. II, III, IV

C. Develop skills necessary to employ effective lighting techniques to impart a predetermined mood, texture and "feel" within a shot or scene. I, II, III, IV

D. Learn to handle electrical lighting instruments in a safe manner. II, III, IV

E. Employ industry standard signal test tools to maintain high technical quality of video signal. II, III, IV

F   Utilize a variety of cameras, specialized camera platforms, grip equipment and other ancillary equipment to achieve professional level imaging results. I, II, III, IV

*Roman numerals after course objectives reference goals of the Video Production Technology program (Career Program Goals and General Education Goals are listed http://www.pstcc.edu/departments/curriculum_and_instruction/syllabi/)

III. Expected Student Learning Outcomes*:

Students will be able to:

1. Create media that communicate the desired message to the intended audience. C

2. Use a wide variety of industry-standard equipment, techniques, software, hardware and materials to produce the appropriate content. A, B, C, D, E, F

3. Demonstrate various styles in communication media that display a grasp of both design and

communications media principles and techniques. A, B, C, D, E, F

4.   Demonstrate proficiency in the techniques and equipment that facilitate adaptation to constantly changing media. A, B, C, D, E, F

* Capital letters after Expected Student Learning Outcomes reference the course goals listed above.

IV. Evaluation:

A. Testing Procedures: 65% of grade

Tests and quizzes will constitute approximately 65% of the students overall grade.

B. Laboratory Expectations: 35% of grade

Each student will be required to learn the operation of specific video and grip equipment. Students will be assigned a variety of "problems" which they will "solve" by applying strategies and techniques learned in lectures, demonstrations and "expert" sessions. Students should expect that several assignments would be completed outside of regularly scheduled class hours. Projects will be graded and will constitute approximately 35% of the student's final grade.

C. Field Work:

As assigned. Some extracurricular research may be required. Assignments may also be made from the following website: <http//www.cybercollege.com>

D. Other Evaluation Methods:

A minimum required level of performance will be established when all tests, quizzes are completed and when project assignments and other assigned activities are completed according to the deadline parameters described by the instructor. Generally, missed tests and quizzes will NOT be eligible for makeup, however, at the option of the instructor, certain opportunities for extra credit MAY be extended.

E. Grading Scale:

90 – 100 A
80 – 89   B
70 – 79   C
60 – 69   D
below 60 F

V. Policies:

A. Attendance Policy:

Pellissippi State expects students to attend all scheduled instructional activities. As a minimum, students in all courses (excluding distance learning courses) must be present for at least 75 percent of their scheduled class and laboratory meetings in order to receive credit for the course. Individual departments/programs/disciplines, with the approval of the vice president of the Learning Division, may have requirements that are more stringent. In very specific circumstances, an appeal of the policy may be addressed to the head of the department in which the course was taken. If further action is warranted, the appeal may be addressed to the vice president of Academic Affairs.

VPT Program Attendance: The VPT program believes a more stringent requirement is realistic because of the contractual commitment made by the College with local area employers. Therefore, to successfully complete VPT courses, students must attend at least **85% of classes**. To be considered in attendance, students are expected to be in class at the scheduled starting time for that class. Students will be considered tardy from that time until 10 minutes after the scheduled starting time. Three such tardies shall constitute an absence. Students arriving any time after 10 minutes beyond the scheduled starting time for a class will be considered absent.

B. Academic Dishonesty:

 Academic misconduct committed either directly or indirectly by an individual or group is subject to disciplinary action. Prohibited activities include but are not limited to the following practices:
• Cheating, including but not limited to unauthorized assistance from material, people, or devices when taking a test, quiz, or examination; writing papers or reports; solving problems; or completing academic assignments.
• Plagiarism, including but not limited to paraphrasing, summarizing, or directly quoting published or unpublished work of another person, including online or computerized services, without proper documentation of the original source.
• Purchasing or otherwise obtaining prewritten essays, research papers, or materials prepared by another person or agency that sells term papers or other academic materials to be presented as one's own work.
• Taking an exam for another student.
• Providing others with information and/or answers regarding exams, quizzes, homework or other classroom assignments unless explicitly authorized by the instructor.
• Any of the above occurring within the Web or distance learning environment.

C. Accommodations for disabilities:

Students who need accommodations because of a disability, have emergency medical information to share, or need special arrangements in case the building must be evacuated should inform the instructor immediately, privately after class or in her or his office. Students must present a current accommodation plan from a staff member in Services for Students with Disabilities (SSWD) in order to receive accommodations in this course. Services for Students with Disabilities may be contacted by going to Goins 127, 132, 134, 135, 131 or by phone: 539-7153 or TTY 694-6429. More information is available at http://www.pstcc.edu/departments/swd/.

D. Other Policies:

Any act of misuse, vandalism, malicious or unwarranted damage or destruction, defacing, disfiguring, or unauthorized use of property/equipment belonging to Pellissippi State is subject to disciplinary sanction.

No handheld media devices or laptops are allowed in class unless otherwise noted. Students will receive a warning, a second infringement will result in an absence for the class. No gaming, using Facebook, texting or instant messaging will be tolerated on any VPT campus workstations during class.