

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: GRPH 181 Department: Graphic Arts Technology
Course Title: Digital Photography Studio Module Semester: Fall Year: 2010

Objectives/Competencies

Course Objective	Competencies
1. As a result of this course, the student will be able to properly operate the department's digital SLR cameras, lenses, and on-camera flash equipment.	<ol style="list-style-type: none">1. Demonstrate how to properly mount and remove lenses on all of the department's digital camera bodies.2. Demonstrate how to insert and remove the proper camera memory card on all of the department's digital camera bodies.3. Demonstrate the proper way to insert and remove camera batteries on all of the department's digital camera bodies.4. Demonstrate the proper use of controls in aperture priority, shutter priority, and manual camera settings on all of the department's digital camera bodies.5. Demonstrate the proper procedure of changing camera ISO settings on all of the department's digital camera bodies.6. Demonstrate the proper procedure for adjusting the camera's viewfinder diopter adjustment to their own eyes on all of the department's digital camera bodies.7. Demonstrate the proper procedure for setting the digital camera on automatic and manual focusing on all of the department's digital camera bodies.8. Demonstrate the proper procedure for changing the digital

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<p>2. As a result of this course, the student will demonstrate studio safety procedures and the safe operation of all digital photography studio equipment.</p>	<p>camera's auto focus points on all of the department's digital camera bodies.</p> <p>9. Demonstrate the proper procedure for viewing and deleting the digital images taken on all of the department's digital camera bodies.</p> <p>10. Demonstrate the proper method of downloading pictures off of the digital camera memory card to the studio computers.</p> <p>11. Demonstrate the proper procedure of changing the digital camera's file capture settings on all of the department's digital camera bodies.</p> <p>12. Demonstrate the proper operation of changing digital camera shooting modes on all of the department's digital camera bodies.</p> <p>13. Demonstrate the proper operation of inserting and removing off-camera electronic flash units on all of the department's digital camera bodies.</p> <p>1. Demonstrate the proper procedures of connecting and disconnecting all of the department's electronic flash equipment and continuous studio lighting equipment to the appropriate power source.</p> <p>2. Demonstrate the proper procedures of attaching all of the department's studio lighting onto all of the department's booms.</p> <p>3. Demonstrate the proper procedures of moving and raising and lowering all of the department's lighting booms with studio lighting equipment attached.</p> <p>4. Demonstrate the proper procedures for setting up and using glass for the photography of products.</p>

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<p>3. As a result of this course, the student will demonstrate the proper operation of all lighting equipment in the Product Studio.</p>	<ol style="list-style-type: none"> 1. Demonstrate the proper operation of all continuous fluorescent lighting equipment. 2. Demonstrate the proper use of all of the department's lighting tents. 3. Demonstrate the proper use of all lighting diffusers. 4. Demonstrate the proper use of the translucent light table. 5. Demonstrate the proper method of connecting the digital camera to the Product Studio computer and launching the remote capture software.
<p>4. As a result of this course, the student will demonstrate the proper operation of all lighting equipment in the Dual-Purpose Studio.</p>	<ol style="list-style-type: none"> 1. Demonstrate the proper use of all fluorescent lighting as described under Product Studio (course objective #3). 2. Demonstrate the proper use and adjustments of all studio backgrounds, including the portable background stands. 3. Demonstrate the proper use of all of the Speedotron electronic flash lighting system equipment. 4. Demonstrate the proper use of all of the Alien Bee electronic flash lighting system equipment. 5. Demonstrate the proper use of all lighting modifiers, including grids, snoots, barndoors, diffusers, softboxes, umbrellas, reflectors, and other light modifiers. 6. Demonstrate the proper use of the studio flash meters. 7. Demonstrate how to combine Speedotron and Alien Bee lighting systems. 8. Demonstrate the proper use of the Pocket Wizard remote flash triggering system.