Springfield Technical Community College
Academic Affairs

Course Number: GRPH-270

Course Title: Advanced Digital Photography

Department; Graphic Arts

Semester: Spring 2012

Objectives/Competencies

Course Objectives	Competencies
1. Choosing and Evaluating Digital Cameras	A. Comparing Digital Cameras to Film Cameras B. Understanding the Types of Digital Cameras C. Buying a Digital Camera: Features to Look For
2. Working with Camera Manuals, Memory Cards	A. Using the Instruction Manual B. Types of Memory Cards C. Using Optical Viewfinders and LCD's
3. Digital Image Storage Media	A. Types of StorageMedia B. Transferring Images C. Formatting Memory Cards D. Backing Up Your Digital Photos

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4. Customized Camera Settings	A. Types of Shooting Modes B. Flash Settings C. Muliple Exposures, Photo Merge
5. Selecting Camera Exposure	A. Camera Aperture and Shutter Speed B. Understanding Depth of Field C. Adjusting Exposure D. Selecting the ISO
6. Resolution, Image Compression and File Formats	A. File Size and Resolution B. Compressing Image Files C. Types of File Formats D. File sizes for Print, E-mail and Web Pages

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7. Adjusting Color with White Balance Settings	A. Introducing the Concept of Color Temperature B. Choosing and Using White Balance Settings C. Application of Custom White Balance
8. Outputting to Printers and the Web	A. Calibrating your Monitor and Printer B. Printing Digital Photos C. Optimizing Files for E-mail Attachments.
9. Advanced Digital Imaging Techniques	A. Using Multiple Flash B. Photo Merging for Panographic Images C. High-Definition Imaging D. Making Vedios with a SLR camera E. Introduction to Three Dimensional Imaging