COURSE INFORMATION FORM

DISCIPLINE  Graphic Design
COURSE TITLE  Advanced Color Correction

CR.HR  3  LECT HR.  1  LAB HR.  5  CLIN/INTERN HR.  ______  CLOCK HR.  ______

CATALOG DESCRIPTION
Advanced color correction techniques that will render any image into quality artwork ready for print production. Focus on color theory, image quality, and color calibration to achieve predictable, high quality results. Proper scanning and image capture techniques for line-art, grayscale and color originals.

PREREQUISITES
GDES 150 with a C or higher or concurrent enrollment

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)
Upon completion of this course, the student will be able to:
1. Set system and Photoshop preferences for optimum performance.
2. Navigate in Photoshop through tools and panels.
3. Make selections in digital images using paths, masks, layers, channels, etc.
4. Understand basic color theory and be able to define various color spaces.
5. Describe various file formats, their uses and types of compression.
6. Color Correct a digital image.
7. Fix problems in digital images (spots, scratches, etc.)
8. Scan original art to achieve high quality bitmap, grayscale and color digital images

GENERAL EDUCATION OUTCOMES (ESO)
Specify which general education outcomes, if any, are substantially addressed by the course. Numbers in parentheses identify the Expected Student Outcomes linked to the specific General Education Outcome.

Outcomes  ESO
PROGRAM-LEVEL OUTCOMES

CAREER AND TECHNICAL EDUCATION PROGRAM OUTCOMES
Specify which Career and Technical program outcomes, if any, are substantially addressed by the course by completing the “Career and Technical Education template” to show the relationship between course and program outcomes to assessment measures.

1. Integrate and articulate knowledge of the graphic communications process and industry.
2. Demonstrate the ability to learn and apply industry specific software and technical skills.
3. Apply technical and troubleshooting skills to solve digital prepress problems.
4. Work in a team environment by participating in group problem solving when necessary.
5. Demonstrate interpersonal skills, communication and time management skills.
6. Conduct a professional manner and demonstrate industry trade custom practices.

CLASS-LEVEL ASSESSMENT MEASURES
Student accomplishment of expected student outcomes may be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

1. Projects, Written and Digital Exams:
   a. Mid-term (ESO 1-5)
   b. Comprehensive Final (ESO 1-8)
   c. Projects (ESO 1-8)
Individual instructors may order this outline as fits the needs of their individual courses. In addition, they may place more emphasis on some areas than on others. What is assured is that this particular list is covered in the course. Other topics may be added to a course as the instructor sees fit, and as time and interest allow. An *asterisk can be used to mark an item as optional.

I. Digital Workflow Setup
II. Color Management
III. Processing Raw Images
IV. Layers, Channels and Selections
V. Blending Modes
VI. Color Correction
   A. Highlight, Shadow and Exposure
   B. Gray Balance
   C. Contrast
   D. Saturation
   E. Sharpening
VII. Advanced Retouching

VIII. Scanning Basics
IX. Scanning Line Art
X. Scanning Continuous-tone Images (Black & White)
XI. Scanning Continuous-tone Images (Color)