

JEFFERSON COLLEGE
COURSE SYLLABUS

CIS235

ADVANCED PHOTOSHOP AND ILLUSTRATOR

3 Credit Hours

Revised by:
David McNair
August 18, 2012

Mary Beth Ottinger, Ph.D., Division Chair, Business & Technical Education
Dena McCaffrey, Ed.D., Interim Dean, Career & Technical Education

CIS235 Advanced Photoshop and Illustrator

I. CATALOGUE DESCRIPTION

- A. Pre-requisite: CIS135 Introduction to PhotoShop
Co-requisite: Reading Proficiency
- B. 3 Credit Hours
- C. This class is an advanced level of the CIS135 Introduction to PhotoShop class. Successfully demonstrate advanced PhotoShop and Illustrator development of graphics, photo images, and projects. Class includes mastering the tools to create graphics, icons, multi-layered illustrations, and vector graphics for the web and business. Topics include managing color, image masking and image compression, using tools to alter photographs and applying filters and effects. Also, the student will master Adobe Illustrator to produce vector illustrations. The student will successfully write about and produce technical writing documents to describe Photoshop construction editing and formatting and procedures. (S,O)

II. EXPECTED LEARNING OUTCOMES/CORRESPONDING ASSESSMENT MEASURES

Demonstrate effective technical ability to develop raster files in design and structure	Project Assignments Tests
Develop application skills using selection tools to make, modify, and edit selections	Presentation Class Participation Tests Projects
Analyze common business practices and problems to effectively develop business graphics	Presentation Class Participation Tests Projects
Use enhancement tools to improve quality of raster files. Demonstrate the ability to use special effects for type and raster graphics	Presentation Class Participation Tests Projects
Investigate and examine various filter tools to edit and enhance graphics and composition skills	Class Participation Tests Projects
Master Color techniques in projects to demonstrate enhancement using color mode skills	Tests Projects

III. OUTLINE OF TOPICS

- A. Advanced Image Techniques in PhotoShop
 - 1. Graphic design tools
 - 2. Structured techniques
 - 3. Design review
 - 4. Enhancement review

- B. Image Correction
 - 1. Program modes
 - 2. Editing options
 - 3. Color enhancement
 - 4. Correction tools

- C. Effects with Selections
 - 1. Selection tools
 - 2. Retouch options
 - 3. Miscellaneous options
 - 4. Filters in selections

- D. Advanced Color Techniques
 - 1. Color correction
 - 2. Color noise reduction
 - 3. Color for the web

- E. Illustrator Basic Tool Set
 - 1. Mask brushes
 - 2. Custom brushes
 - 3. Patching an image
 - 4. Illustrator vector tools

- F. Illustrator Text and Effects
 - 1. Moving and creating layers
 - 2. Layer techniques
 - 3. Adjustment layers
 - 4. Blend modes

- G. Illustrator Text and Effects
 - 1. Moving and creating layers
 - 2. Layer techniques
 - 3. Adjustment layers
 - 4. Blend modes

IV. METHOD(S) OF INSTRUCTION

- A. Lectures: Important material from the text and outside sources will be covered in class. The major objective is to prepare you for the project assignments during the lecture. Discussion is encouraged as is outside material relevant to topics being covered.
- B. Assignments: Projects will be periodically assigned to reinforce material in the text.
- C. Exams: Two graphic projects will be used as testing material. This will be very similar to projects that are assigned in class. The exams will be open book and open notes.
- D. Student Demonstrations of Projects: Students develop their own projects and give a demonstration and explanation in class of the construction process.

V. REQUIRED TEXTBOOK(S)

Botello, Chris; *The Design Collection Revealed*, Cengage, (current edition)

VI. REQUIRED MATERIALS

USB Storage Device (Flash Drive)

VII. SUPPLEMENTAL REFERENCES

Library Resources: Present offerings and anticipated texts, journals, video/audio tapes, software, etc.

VIII. METHOD OF EVALUATION

- | | | | |
|----|----------------------|-----|---|
| A. | Class Participation | 30% | Students will have opportunities to question, present ideas and concepts, respond to questions from other students and instructor |
| B. | Project Assignments | 40% | Students will be assessed on individual presentation and writing projects |
| C. | Tests | 20% | Two graphic project tests will measure student performance |
| D. | Student Presentation | 10% | One student presentation project |

IX. ADA AA STATEMENT

Any student requiring special accommodations should inform the instructor and the Coordinator of Disability Support Services (Technology Center 101; phone 636-481-3169).

X. ACADEMIC HONESTY STATEMENT

All students are responsible for complying with campus policies as stated in the Student Handbook (see College website, <http://www.jeffco.edu>).

XI. ATTENDANCE STATEMENT

Regular and punctual attendance is expected of all students. Any one of these four options may result in the student being removed from the class and an administrative withdrawal being processed: (1) Student fails to begin class; (2) Student ceases participation for at least two consecutive weeks; (3) Student misses 15 percent or more of the coursework; and/or (4) Student misses 15 percent or more of the course as defined by the instructor. Students earn their financial aid by regularly attending and actively participating in their coursework. If a student does not actively participate, he/she may have to return financial aid funds. Consult the College Catalog or a Student Financial Services representative for more details.

XII. OUTSIDE OF CLASS ACADEMICALLY RELATED ACTIVITIES

The U.S. Department of Education mandates that students be made aware of expectations regarding coursework to be completed outside the classroom. Students are expected to spend substantial time outside of class meetings engaging in academically related activities such as reading, studying, and completing assignments. Specifically, time spent on academically related activities outside of class combined with time spent in class meetings is expected to be a minimum of 37.5 hours over the duration of the term for each credit hour.