

El Paso Community College
Syllabus
Part II
Official Course Description

SUBJECT AREA	<u>Advertising Graphics and Design</u>								
COURSE RUBRIC AND NUMBER	<u>ARTC 1302</u>								
COURSE TITLE	<u>Digital Imaging I</u>								
COURSE CREDIT HOURS	<table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>3</u></td> <td style="text-align: center;"><u>2</u></td> <td style="text-align: center;">:</td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: center;">Credits</td> <td style="text-align: center;">Lec</td> <td></td> <td style="text-align: center;">Lab</td> </tr> </table>	<u>3</u>	<u>2</u>	:	<u>3</u>	Credits	Lec		Lab
<u>3</u>	<u>2</u>	:	<u>3</u>						
Credits	Lec		Lab						

I. Catalog Description

Studies digital imaging using raster image editing and/or image creation software: scanning, resolution, file formats, output devices, color systems, and image-acquisitions. **(2:3). Lab fee.**

II. Course Objectives

Upon satisfactory completion of this course, the student will be able to:

- A. Identify and explain the basic photographic principles related to digital imaging.
- B. Explain the process of converting an image into a digital photographic image.
- C. Identify image problems and explain how those problems can be corrected.
- D. Identify and explain the basic features of a digital still image camera.
- E. Explain the differences in the light metering systems offered by digital camera manufacturers.
- F. Evaluate which digital photographic still image editing system will produce the best quality computer-enhanced images.
- G. Identify and compare several systems available for storing digital photographic images.
- H. Identify and explain the requirements needed for a computer to function in digital the photographic environment.
- I. Explain the philosophy of what is right and acceptable as it governs the rules of living and conduct that impact on professional deportment.

III. THECB Learning Outcomes (WECM)

- 1. Identify terminology, advantages and limitations of image editing software.
- 2. Distinguish bit-mapped resolutions for image acquisitions and output devices.
- 3. Use digital editing and painting tools.
- 4. Use basic half-tone theory in production of images, manipulate, create, and edit digital images for print and for web.
- 5. Specify appropriate file formats.

IV. Evaluation

Attendance & Participation:	15%	Grading Scale:
Assignments:	35%	90-100 = A
Unit Exams :	25%	80-89 = B
Final:	25%	70-79 = C
		60-69 = D

It is the student's responsibility to meet any prerequisites which are required for this course. The student will satisfy objective requirements upon satisfactory completion of course assignments, mid-term exam, and exit exam.

V. Disability Statement (Americans with Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Students with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

VI. 6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemptions may apply. Refer to the EPCC catalog and website for additional information.