

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	<u>3 2 :</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.