

El Paso Community College
Syllabus
Part II
Official Course Description

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|---------------------------------|--|----------|----------|---|----------|---------|-----|--|-----|
| SUBJECT AREA | <u>Electrical Technology</u> | | | | | | | | |
| COURSE RUBRIC AND NUMBER | <u>DFTG 1313</u> | | | | | | | | |
| COURSE TITLE | <u>Drafting for Specific Occupations</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>2</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>2</u> | Credits | Lec | | Lab |
| <u>3</u> | <u>2</u> | : | <u>2</u> | | | | | | |
| Credits | Lec | | Lab | | | | | | |

I. Catalog Description

Discusses the theory and practice with drafting methods and the terminology required to prepare working drawings in specific or various occupational fields. (2:2).

II. Course Objectives

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

- A. Illustrate the use of lines in a drawing.
- B. Interpret dimension lines.
- C. Interpret construction drawings correctly.
- D. Demonstrate the correct use of measuring instruments.
- E. Identify blue print symbols.
- F. Interpret scale.
- G. Identify section views.
- H. Coordinate NEC Codes with electrical drawings.
- I. Interpret specifications for residential and commercial drawings.
- J. Interpret title block.
- K. NEC Requirements

III. THECB Learning Outcomes (WECM)

- 1. Define the elements of drafting that pertain to specific or various occupational fields.
- 2. Produce working drawings and sketches relevant to an individual technical discipline.

IV. Evaluation

The students must demonstrate the knowledge and skills stated in the objective in order to complete the course. Letter grades will be arranged as follows:

| | |
|--------|---|
| 90-100 | A |
| 80-89 | B |
| 70-79 | C |
| 60-69 | D |
| 0-59 | F |

Students should be able to compute their grade average anytime during the course. Missed assignments and make-up tests will be given at the discretion of the instructor.

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.