

El Paso Community College
Syllabus
Part II
Official Course Description

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|---------------------------------|--|---|-----|---|---|---------|-----|--|-----|
| SUBJECT AREA | <u>Renewable Energy</u> | | | | | | | | |
| COURSE RUBRIC AND NUMBER | <u>CNBT 1302</u> | | | | | | | | |
| COURSE TITLE | <u>Mechanical, Plumbing, & Electrical Systems in Construction</u> | | | | | | | | |
| CONTACT HOURS | <table style="margin: auto; border: none;"> <tr> <td style="padding: 0 10px;">3</td> <td style="padding: 0 10px;">2</td> <td style="padding: 0 10px;">:</td> <td style="padding: 0 10px;">3</td> </tr> <tr> <td style="padding: 0 10px;">Credits</td> <td style="padding: 0 10px;">Lec</td> <td></td> <td style="padding: 0 10px;">Lab</td> </tr> </table> | 3 | 2 | : | 3 | Credits | Lec | | Lab |
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| Credits | Lec | | Lab | | | | | | |

I. Catalog Description

Provides a presentation of the basic mechanical, plumbing, and electrical components in construction and their relationship to residential and light commercial buildings. **(2:3). Lab fee.**

II. Course Objectives

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

- A. Identify equipment and components of electrical, plumbing, heating, air conditioning, and ventilation systems
- B. Describe the relationships between the mechanical, plumbing, and electrical systems
- C. Discuss implications of sustainable building systems on design

III. Evaluation

- A. Home Work Assignments and Quizzes
Students are required to turn in review questions at the end of each unit of the textbook upon completion of that unit. The student will be given two quizzes; these grades will constitute 30% of the final grade.
- B. Lab assignments will constitute 40% of final grade.
- C. Final Exam
This exam will constitute 30% of the final grade.
- D. Grading Scale:

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

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