

ELECTRONICS/GREEN ENERGY

DIVISION OF CAREER TECHNICAL EDUCATION

AET 070

INTRODUCTION TO ALTERNATE ENERGY TECHNOLOGY

3 Units/Advisory: ENGL 035 or ESL 198 or appropriate assessment and READ 023 or appropriate assessment, MATH 030 or appropriate assessment.

This course is an introductory course that will examine the theory behind present day energy systems which will include an in depth analysis of the design and installation of alternate energy systems. Topics will include: solar electrical systems, wind electrical systems, solar water heating systems, wind mechanical systems, small hydro-electrical systems, and applications of alternate energy in transportation, industrial, commercial, and residential systems. Students will collect solar data using an irradiance meter and determine power consumption of typical residence to develop an alternative energy solution. This course is intended for students that are contemplating a career in the alternative energy industry.

0179	T	8:00 AM-12:15 PM	LINDY D	Rm T107
★ 0193	T	6:00-10:15 PM	LINDY D	Rm T107

AET 072

PHOTOVOLTAIC SYSTEMS DESIGN AND INSTALLATION

3 Units/Advisory: ENGL 035 or ESL 198 or appropriate assessment and READ 023 or appropriate assessment, MATH 030 or appropriate assessment.

This is an introductory course that will examine and implement the design and installation of solar photovoltaic power systems which will include the installation of a working solar photovoltaic power system. Students will learn how to perform solar site evaluations, electrical load calculations, solar system size calculations, and installation techniques for grid-tie and off-the-grid photovoltaic systems. This course is approved by the North American Board of Certified Energy Practitioners (NABCEP) and the students can take the optional Photovoltaic Systems Entry Level Certification exam as part of the course. This course is intended for students that are contemplating a career in the solar photovoltaic energy industry.

0302	W	8:00 AM-12:15 PM	LINDY D	Rm T107
★ 0929	Th	6:00-10:15 PM	LINDY D	Rm T107

ELEC 050

INTRODUCTION TO ELECTRICAL INDUSTRY

2 Units/Advisory: READ 023 or appropriate assessment.

This introductory course is for a general audience and for those contemplating a career in the powerline (electrical industry). Students will become acquainted with the basic concepts of terminology and will receive hands-on experience with components and measuring equipment.

0380	Th	8:00-11:10 AM	LINDY D	Rm T107
★ 1351	W	6:00-9:10 PM	LINDY D	Rm T107

ELEC 061

FUNDAMENTALS OF WIRE AND CABLING

2 Units/Advisory: ENGL 035 or ESL 198 or appropriate assessment and READ 023 or appropriate assessment

This course will present the principles and practices of copper cable wiring technology. Including instruction in the design, installation, and maintenance of copper wiring systems for intelligent control systems, lighting and appliance control devices, communication, and networking. Also includes instruction in household and institutional power wiring. This course is designed for students wanting to work in the Home Technology Service industry.

★ 0385	M	6:00-9:10 PM	LINDY D	Rm T107
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TCED 044

OSHA WORKPLACE SAFETY

1 Unit/Advisory: READ 023 or appropriate assessment

This course is intended for the individual who needs an overview and/or certification of both the California and Federal OSHA Safety Regulations for the General Industry Workplace. This course will cover a detailed overview of the rules and regulations, and discuss fire protection and prevention, material handling/storage/use and disposal, hand and power tools, welding and cutting, electrical safety, and fall protection. Upon completion of this course, (as well as passing the final exam), the student will receive a 10-hour OSHA Training Certificate of completion, which is good for life.

THE FOLLOWING SECTION MEETS AUGUST 24-SEPTEMBER 28, 2009

★ 1017	M	6:00 - 9:35 PM	ALTON K	Rm T120
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TCED 054

OSHA WORKPLACE SAFETY II

2 Units/Advisory: READ 023 or appropriate assessment

This course is intended for the individual who needs an intermediate-level overview and/or the additional number of hours required for certification of both the California and Federal OSHA Safety Regulations for the General Industry and Construction Workplace. This course is offered as a continuation of TCED 044, and will cover a review of the topics discussed in that class. The course will primarily cover a detailed overview of scaffolds, hoists, confined spaces, lockout/tagout procedures, industrial hygiene, and emergency action plans. Upon completion of this course, (as well as passing the final exam), and successful completion of TCED 044, the student will receive a 30-hour OSHA Training Certificate of completion, which is good for life.

THE FOLLOWING SECTION MEETS OCTOBER 5-DECEMBER 7, 2009

★ 1026	M	6:00-9:35 PM	ALTON K	Rm T120
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ENGLISH

DIVISION OF COMMUNICATIONS & LANGUAGES

ROOMS IN (LR) ARE LOCATED IN THE LEARNING RESOURCE CENTER

IMPORTANT NOTICE CONCERNING ENGLISH 035, 101, AND 201
Students signing up for English 035, English 101, or English 201 should be aware that if they have not met the prerequisite, they will be informed via touchtone registration that they are blocked from registering in these courses. Students who may register via touchtone include the following:

- Students currently enrolled in the previous courses (English 030, English 035, or English 101) will be allowed to enroll in the next level course pending final grades of "CR" or "C" or better.
- Students currently enrolled in ESL 198 will be allowed to enroll in English 101 pending a final grade of "A" or "B." They may enroll in English 035 pending a final grade of "C."
- Students who have placed into English 101 or English 035 through the Rio Hondo assessment process.
- Students who have completed the previous course with a grade of "CR" or "C" or better, or passed the Rio Hondo Common Final.

The following students should bring assessment results, grade reports, and/or transcripts with them to see a counselor, Admissions & Records staff, or the Dean of Communications & Languages in A219 at 562-908-3429.

- Students who have completed the equivalent previous course at another college or university.
- Students who have been assessed by the state college or university system.

Students wishing to appeal their Rio Hondo assessment placement or challenge the prerequisite to English 035, English 101, or English 201 should contact a counselor or the Dean of Communications & Languages in A219 at 562-908-3429.

ENGL 030

INTRODUCTORY COMPOSITION FOR DEVELOPING WRITERS

3 Units/Advisory: READ 022 or appropriate assessment.

Corequisite: ENGL 030W.

This course assists students in developing thinking, language, and writing skills through structured assignments that increase in complexity throughout the semester. This is the first or beginning course in composition; it prepares students for success in either English 035 or English 101. Students must concurrently enroll in the one-unit Writing Workshop, English 030W. This is a non-degree applicable course and is offered on a credit/no credit basis.

STUDENTS ENROLLED IN ONE OF THE FOLLOWING SECTIONS OF ENGLISH 030 MUST ALSO ENROLL IN SECTION 8531 OF ENGLISH 030W WRITING WORKSHOP.

0509	MW	8:05-9:30 AM	SALAZAR B	Rm A218
0575	MW	9:40-11:05 AM	KAMDIBE M	Rm A216
0421	TTh	9:40-11:05 AM	KAMDIBE M	Rm A213
0423	MW	2:20-3:45 PM	VELAZQUEZ R	Rm A218
★ 0419	M	7:00-10:10 PM	MATA M	Rm A216
★ 1759	T	7:00-10:10 PM	CURINGTON B	Rm A211
★ 0429	W	7:00-10:10 PM	FRIED C	Rm A211
0420	Sat	11:00 AM-2:10 PM	JALLOH K	Rm A206