Contra Costa College
Course Outline

Department & Number	CCT 150	**Number of Weeks**	18
Course Title	Topics in Alternate Energy Technologies	**Lecture Hours**	0-2
Prerequisite	None	**Lab Hours**	0-6
Co-requisite	None	**Hours By Arrangement**	
Challenge Policy	None	**Activity Hours**	
Advisory	None	**Units**	.5-4

COURSE DESCRIPTION

This is a supplemental course in alternate energy technology that provides a study of current concepts, practices and related subdivisions. Specific topics will be announced in the schedule of courses.

COURSE OBJECTIVES

At the completion of the course the student will be able to:

Apply the principles of alternate energy and acquired information
Demonstrate the skills necessary to study in depth a specific topic.
Use critical thinking skills.

COURSE CONTENT: (In detail; attach additional information as needed and include percentage breakdown)

100	**%**	Current concepts, practices and related subdivisions of Alternate Energy

METHODS OF INSTRUCTION

Lecture: demonstration-models when applicable; discussion/group projects; applicable audio-visuals, e.g., videotapes, DVDs, group discussion; AND/OR
Laboratory: During laboratory periods students are introduced to and practice using techniques and tools needed for the study of alternate energy technology. Many labs are of an investigative nature where data are gathered, analyzed and used to substantiate the principles of energy technology.

INSTRUCTIONAL MATERIALS

Textbook Title:	To Be Determined, depending on specific topic
Author:	TBD
Publisher:	TBD
Edition/Date:	TBD

COURSE EXPECTATIONS (Use applicable expectations)

Outside of Class Weekly Assignments	Hours per week
Weekly Reading Assignments	.5-3
Weekly Writing Assignments	.5-3
Weekly Math Problems	
Lab or Software Application Assignments	.5-2
Other Performance Assignments	

STUDENT EVALUATION: **(Show percentage breakdown for evaluation instruments)**

50	**%**	Objective tests (exam, quiz, final exam).
50	**%**	Laboratory reports, demonstrated skills, competencies.

GRADING POLICY (Choose LG, CR/NC, or SC)

☐ **Letter Grade**
90% - 100% = A
80% - 89% = B
70% - 79% = C
60% - 69% = D
Below 60% = F

☒ **Credit / No Credit**
70% and above = Credit
Below 70% = No Credit

☐ **Student Choice**
90% - 100% = A
80% - 89% = B
70% - 79% = C
60% - 69% = D
Below 60% = F
or
70% and above = Credit
Below 70% = No Credit

Prepared by:	Rick Figuera
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