

CAREER STUDIES CERTIFICATE (221-820-03)

## Energy Management Systems Technician

**Purpose:** This curriculum is designed for individuals who are interested in alternative energy. This program begins with the introduction of the fundamentals and safety requirements for alternative energy systems and then proceeds with the application and study of alternative energy systems. The certificate is designed to enhance the awareness of different designs, layouts, wirings, and installations for alternative energy systems.

**Program Objectives:** Employment opportunities include positions as an alternative energy technician and installation assistant.

**Admission Requirements:** Applicants must meet the requirements for admission to credit-level coursework established by the college.

**Developmental Requirements:** Students who do not demonstrate proficiency on the placement test in the following mathematical units will be required to complete developmental courses: MTE 1, 2, and 3.

It is strongly recommended that developmental education requirements be completed as soon as possible.

### CURRICULUM AND OTHER REQUIREMENTS

#### ENERGY MANAGEMENT AND OTHER RELATED COURSES      CREDITS

BLD 110.....	Introduction to Construction .....	3
BLD 111 .....	Blueprint Reading and Building Code.....	3
ELE 130* .....	Electricity .....	4
ELE 176* .....	Introduction to Alternative Energy .....	3
ENE 100 * .....	Conventional & Alternative Energy Apps..	4
SAF 127 .....	Industrial Safety.....	2
<b>Total Minimum Credits for Certificate.....</b>		<b>19</b>

*\*This course has a requisite. Requisites for all courses are listed in the course description section at the back of the catalog.*

### SUGGESTED SCHEDULE

FALL	SPRING
ELE 130	BLD 110
ELE 176	BLD 111
SAF 127	ENE 100