SED 142 Sustainable Sites

CREDIT HOURS: 3.00

CONTACT HOURS: 45.00

COURSE DESCRIPTION:
In this course, students will gain knowledge on how to properly evaluate project sites that will minimize the harmful effects on the environment. Students will learn the skills necessary to redevelop damaged and Brownfield sites. During this course, students will survey storm water retention, water irrigation and the use of passive solar. They will also analyze the methods utilized to reduce pollution and reduce the disturbance and heat island effects on ecosystems.

PREREQUISITES: NONE

EXPECTED COMPETENCIES:
Upon completion of this course, the student will be familiar with:

- Sustainable environmental design concepts as they relate to the Site design, development, and management industries.
- The role sustainable sites have to the world today, develop an ethical basis for understanding the importance of working sustainably, and how these concepts can be applied to effect positive change.

ASSESSMENT METHODS:
Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

GRADING SCALE:
90%-100% = A
80%-89.9% = B
70%-79.9% = C
60%-69.9% = D
<60% = E