COURSE SYLLABUS

SED 220  Sustainable Environmental Design Capstone

CREDIT HOURS:  6.00

CONTACT HOURS:  120.00

COURSE DESCRIPTION:
This is a special course designed by the student and guided by the instructor to start the development of a sustainable capstone project. Students will work together in interdisciplinary teams to develop and build a project based upon the knowledge that they have obtained throughout the program.

PREREQUISITES: All courses in certificate

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

1. Prepare students to understand the moral and ethical implications of environmental design decisions that impact land use, the environment and society as a whole.
2. Prepare students to enter a rapidly changing and growing workforce of Green Technology professionals in Sustainable Construction.
3. Allow students with work experience in related fields (such as HVAC, Construction Project Management, Architecture, Landscape Architecture, Interior Design and Energy Development) the opportunity to obtain needed knowledge and skills in sustainable design.
4. Prepare practicing professionals or individuals in career change situations to gain knowledge for the U.S. Building Councils Leadership in Energy and Environmental Design Accredited Professional Exam (LEEDAP).

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