CREDIT HOURS: 3.00

CONTACT HOURS: 45.00

COURSE DESCRIPTION:
This course will prepare students for the LEED-NC Professional Certification Exam. Students will reexamine sustainable design principles and concepts as well as the green building industry. During this course, students will analyze all of the components of the LEED –NC rating system and they will be required to review case studies and complete a practice exam.

PREREQUISITES: NONE

EXPECTED COMPETENCIES:
Upon successful completion of this course, the student will be able to:

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