

ENGR 1000:

Engineering Freshman Seminar

Catalog Description

ENGR 1000. Engineering Freshman Seminar (1) (F) 1 lecture hour per week; P: enrolled in first or second semester in Engineering. Focus on collaborative learning, use of resources, development of engineering study skills, and strategies for student success.

Required Text:

Smith, A. (2008). COAD 1000-Student Development and Learning in Higher Education, Second Edition.

Dubuque: Kendall/Hunt

East Carolina University Undergraduate Catalog

Engineering Student Handbook

Optional Text

Covey, S.R. Seven Habits of Highly Effective People, 2nd edition. New York, Fireside Publishers.

National Academy of Engineering, Engineer of 2020, National Academies Press, Washington, DC, 2004

Course Objectives:

Students in this course will:

- Apply and use university academic policies to help assure success.
- Become familiar with university and department help and support systems such as tutoring and the learning community
- Meet department faculty and begin to develop understanding of the engineering profession and its requirements.
- Apply and evaluate time management approaches to improve study and course performance.
- Discern appropriate ways to prepare for various engineering and non engineering tests and exams.
- Understand the importance of personal responsibility in meeting educational challenges.
- Learn how to develop collaborative learning and team skills.
- Learn how to interrelate to a diverse student body and population in general

Course Topics

- Goals and context of the engineering seminar
- Being a part of the engineering program and the profession of engineering
- Goals and educational approach of ECU engineering
- The engineering profession now and in the future
- Skills required for success in engineering
- Team work skills
- Time management skills
- Study skills and learning methods
- Career planning and career skills for engineering
- ECU catalog and academic policies
- Engineering course planning and the student handbook
- Joining engineering student societies and professional development

Grading and Assessment:

Grading		Assessment	
A	90% or better	Homework	25%
B	80% or better	Participation and completion of out of class assignments	25%
C	70% or better	Mid Term	25%

D	60% or better		Final Exam	25%
F	Less than 60%		Total	100%