

**WILMINGTON UNIVERSITY
COLLEGE OF BUSINESS
BASIC COURSE INFORMATION**

COURSE TITLE: Sustainability and Energy Management

COURSE NUMBER: BBM 382

PREREQUISITE(S): NONE

COURSE DESCRIPTION:

This course provides students with an understanding of the basic principles of Design for Environment (DFE) and focuses on the challenges that companies face when integrating sustainable thinking into the design and development of new products. ~~and identify the best methods for~~ economic growth without adverse ecological and social impacts. Lastly, students will examine the global challenges involved with environmental sustainability and how DFE practices can be used to meet these challenges.

MAJOR INSTRUCTIONAL GOALS:

GOAL A:

The student will be able to explain the emergence of corporate social responsibility and understand how external forces and business drivers motivate the adoption of DFE practices

Learning Objectives: The student will:

- A-1 Analyze the important principles of Agenda 21 (The Earth Summit of 1992) and explain the impact they had on pollution, international environmental regulations, and sustainability of population.
- A-2 Examine the external forces that are shaping today's business landscape and explain how they motivate adoption of sustainability and DFE practices
- A-3 Describe how sustainable business practices create shareholder value and contribute to the goals of economic, social, and ecological well-being. (p. 55-57).

GOAL B:

The student will understand how DFE correlates to concurrent engineering for a more integrated product development and life-cycle management.

Learning

D-3 Prepare assignments in APA format.

D-4 Elaborate on key points of the text through assigned discussion boards.