



THE OHIO STATE UNIVERSITY
COLLEGE OF ENGINEERING

Leadership and Change Management

ENGRTEC 4400

Credit Hours:

3.00

Course Levels:

Undergraduate (1000-5000 level)

Course Components:

Lecture

Lab

Course Description:

In-depth evaluation of the concepts and principles of effective leadership, the characteristics of leaders and followers, and the principles of change management. Course work will emphasize written and verbal communication skills, in addition to presentation skills and exposure to real-world case examples.

Prerequisites and Co-requisites:

Prereq: 4300 or Permission of instructor.

Course Goals / Objectives:

- Ability to define and recall general concepts, principles, and models of effective leadership
 - Ability to identify and demonstrate the required characteristics and motivational elements of a leader and follower
 - Ability to discern how to use the principles of change management to affect a culture of continuous improvement
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Course Topics:

- Leadership Characteristics and Skills
 - Leadership: Power, Influence, Ethics, Attributes
 - Leader: Qualities, Organizational Climate, Empowerment, DEI
 - Follower: Effectiveness, Persuasion, Developing Others
 - Follower: Situational Impact, Contingencies, Delegation, Competencies
 - Change: Management, Disruptions, Models & Drivers
 - Change: Communication, Resistance to Change
 - Change: Leadership in Coaching
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Designation:

Required