A. COURSE DESCRIPTION

Credits: 3
Lecture Hours/Week: *.*
Lab Hours/Week: *.*
OJT Hours/Week: *.*
Prerequisites: None
Corequisites: None
MnTC Goals: None

This course is intended to provide engineering and technology management students with the understanding, strategies and methods necessary to engage, influence, and empower followers in the successful accomplishment of organizational goals as influenced by the engineering methodologies of discoveries in a team based environment. Prerequisites: TADT 1111 or TADT 3111.

B. COURSE EFFECTIVE DATES: 08/22/2016 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Engineering Methodologies
2. Evolutionary phases of leadership theory.
3. Historical Leadership Theory.
4. Modern approaches to leadership.
5. Performance appraisal and coaching process.
6. Team dynamics and process coaching.

D. LEARNING OUTCOMES (General)

1. explore the history and evolution of leadership theory including an investigation of trait, behavior and contingency based leadership theory.
2. explore the engineering methodologies for developing and innovating projects.
3. analyze, compare and contrast Transactional, Transformational and Servant Leadership principles. Including effects of each on team member engagement.
4. develop and deploy team based performance objectives.
5. develop performance improvement coaching strategies.
6. evaluate team member performance to objectives.
7. critique their own performance in support of team objectives.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted