This Fundamentals to Engineering Leadership and Graphics course is designed to equip you with fundamental skills that will help you thrive during your pursuit of a BS in Engineering Leadership. Therefore, one major focus of the course is on helping you develop your identity as a leader and as an engineer. Another focus of the course is on building community and understand the culture, expectations, and structure of the E-Lead Program. Further, this course introduces you to the way we teach in the E-Lead program using techniques such as the flipped classroom and project-based learning. The final focus of this course is on helping you develop engineering graphics skills. This includes building skills in sketching of 2D and 3D drawings, creating assemblies, and creating animations using contemporary computer aided design software.

**KEY COURSE GOALS**
- Leadership
- Community
- Real World Context
- Personal Identity
- Engineering Leader

**MEETING TIME AND LOCATION**
Tuesdays and Thursdays from 1:30-2:50pm
E-Lead Studios, C-101

**INSTRUCTOR**
Dr. Meagan Kendall
Mvaughan@utep.edu
EEL Department, E230.A
Office Hours: By Appointment

*Student Instructor office hours on next page...*
STUDENT INSTRUCTORS

CAROLINE SALAS (Team Manager)
clsalas2@miners.utep.edu
Office hours: Tues & Thurs 12-1:30pm
Or by appt

MAXIMO GAMEZ (Leadership)
msgamez@miners.utep.edu
Office hours: Tues & Thurs 12:30-1:30pm
Or by appt

CHRISTOPHER EDENS (Graphics)
cdedens2@miners.utep.edu
Office hours: Mon 12:30-1:30pm
Or by appt

Required Text/Materials

Leadership: Theory and Practice, 7th Edition
Peter G. Northouse

Autodesk Inventor Software
!!!! 2018 EDITION !!!!!!

3 Ring Binder
Agenda Notebook/ Daily Planner
Binder Dividers

Course Website
Blackboard
**Attendance Policy**

Attendance is recommended in every class period. In the event that you must miss class, you must contact the teaching team in advance to let them know that you will not be able to attend. If you fail to do so or are missing class for reason’s not approved by the University (i.e. religious holidays, illness, etc.), it will be counted as an absence. More than 3 absences will result in a 10% drop in your final grade. Every 3 late arrivals (i.e., more than 5 minutes late) are counted as 1 absence.

*See also separate Course Policies Document for policies on attendance, use of electronics, late submissions, teamwork, etc.*

**Legalese**

Academic Dishonesty: Students are encouraged to collaborate throughout the semester but all graded materials must represent the student’s individual work. (When in doubt, ask!) Academic dishonesty is the attempt to present the work of somebody else as his or her own work or attempting to pass any assignment by improper means. It is a serious offense and will not be accepted. Any misconduct will be handled according to the current university policy and reported in accordance with university regulations. For more info visit the Dean of Students or http://studentaffairs.utep.edu.

**Special Accommodations**

If you would like to request special accommodation due to a disability, we can certainly work that out. Please contact The Center for Accommodations and Support Services via their website http://sa.utep.edu/cass/.

**Final Grade Breakdown**

- Quizzes 10%
- Notebook and E-Portfolio 20%
- Participation (Attendance, in-class activities, etc.) 20%
- Phase 1 Project and Activities 15%
- Phase 2 Project and Activities 15%
- Phase 3 Project and Activities 20%