

EL 1405 - Fundamentals of Engineering Leadership and Graphics

Spring 2019

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

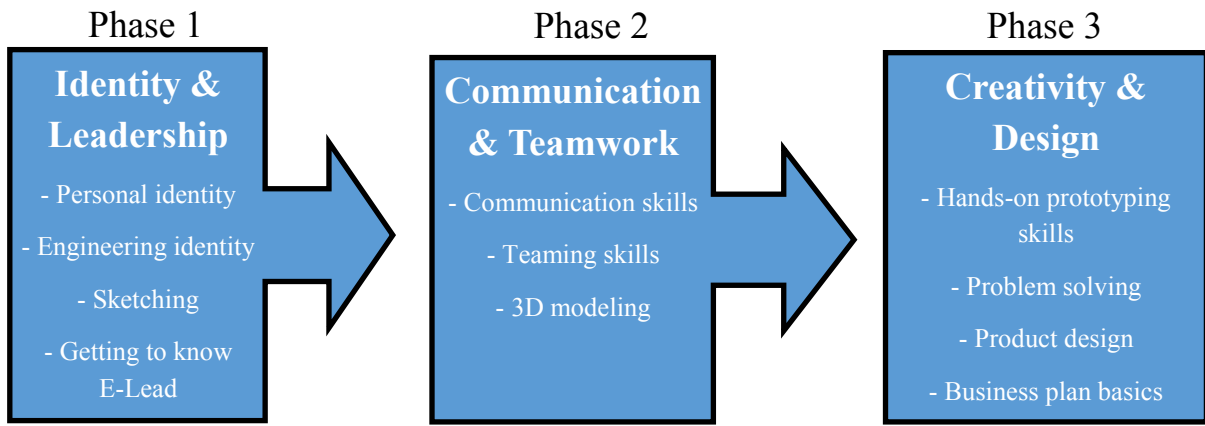
Dr. Meagan Kendall

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)

mgamez@miners.utep.edu

Office hours: Tues & Thurs 12:30-1:30pm

Or by appt

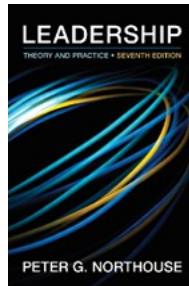
CHRISTOPHER EDENS (Graphics)

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

ISBN-13: 978-1483317533



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%