

EL 1405 - Fundamentals of Engineering Leadership and Graphics

Fall 2017

This class is meant to prepare you with the skills you need to continue the journey you have just begun as part of the Engineering Leadership program! In the Fundamentals of Engineering Leadership and Graphics course, you will learn graphics to help aid you in the understanding of the Design Process, a knowledge essential to every Engineer. This program will also, not only enable you to network with prominent E-Lead staff, but also forge strong connections with them. You will be part of experiences that will help you professionalize yourself for the working field. This course will help enable you to understand yourself better with the help of hands-on activities, in order to help you succeed in your academic career, and thereafter. You will have the opportunity to discover your inner leader through the many experiences and challenges ahead.

KEY COURSE GOALS

- Graphics (Sketching, 2D and 3D CAD, Assemblies)
- Design and Creativity
 - Personal Identity
 - Team Collaboration
 - Critical Thinking

MEETING TIME AND LOCATION

Tuesdays and Thursdays
from 1:30- 2:50pm
E-Lead Studios, C101

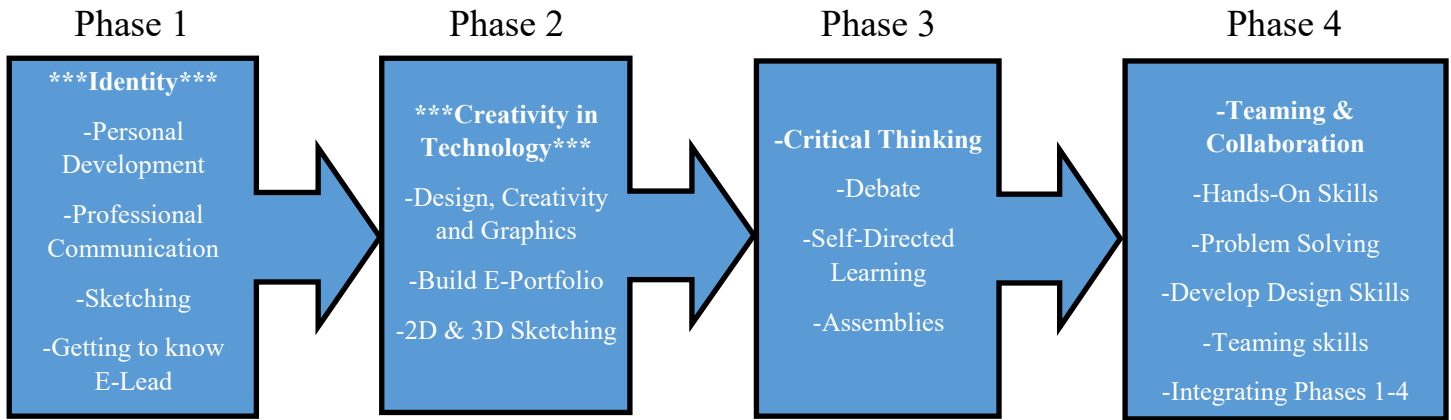
Instructor

Dr. Megan R. Vaughan/Kendall

mvaughan@utep.edu

EEL Department, E230.A

Office Hours: TR 12:30-1:30 or by Appt.



STUDENT INSTRUCTORS

[EVELYN MARTINEZ \(Leadership\)](#)

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 (915) 261-2566
 Office hours: M4-5 w 1:30-2:30 or by appt

[RICARDO LUNA \(Leadership\)](#)

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[JENNIFER DIAZ \(SI Team Manager\)](#)

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[LONDON ALARILLA \(Graphics\)](#)

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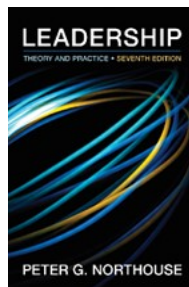
[LUISA PEREA \(Graphics\)](#)

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 Office hours: TR 12-1 or by appt

[LUIS PROCTER \(Graphics\)](#)

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 Office hours: T 11-12 or by appt

Required Text/Materials



Leadership: Theory and Practice, 7th Edition
 Peter G. Northouse
 ISBN-13: 978-1483317533



Autodesk Inventor Software



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.

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

Final Grade Breakdown

Quizzes	15%
Notebook and E-Portfolio	20%
Participation (Attendance, in-class activities, etc.)	15%
Phase 1 Project and Activities	15%
Phase 2 Project and Activities	10%
Phase 3 Project and Activities	10%
Phase 4 Project and Activities	15%