

ENGR 121: Learning Skills for Engineering Fall 2015 Syllabus

Instructor:

Academic Adviser
Engineering Student Services
2620 Howe Hall

Email: @iastate.edu
Office Hours: 8:00 a.m. - 5:00 p.m.
Phone: 515-294-####

Course Objectives

- Students will identify personal learning styles and academic study skills to promote self-awareness and enhance academic success at Iowa State University
- Students will learn about career exploration and finding a personal career fit
- Students will utilize Academic Adviser as a resource to encourage career exploration and academic growth
- Students will establish a sense of community by engaging with other engineering students in small group discussions

This course is designed to help you become a better student! You are expected to participate in all in-class group activities. Attendance/Participation points will be awarded based on the group grading rubric that will be turned in at the end of each class. All students in ENGR 121 are required to have a day planner and bring it to each class meeting.

Required Textbooks and Supplies

Studying Engineering: A Road Map to a Rewarding Career (4th Edition), Landis, Raymond B. (2013).

Turning Point RF Response/Clicker

Clicker questions will start the week of August 31st. Purchase this from the ISU bookstore to ensure that it will work on campus. It is your responsibility as a student to register the clicker in Blackboard.

Attendance & Grading Policies

- *Attendance/In-Class Participation is required and will be monitored.*
- *Assignments are due by 11:59pm CST on their assigned due date.* Complete all homework no later than the due date. If you cannot complete an assignment by the due date, you must contact the instructor to make alternative arrangements; it is at the discretion of the instructor to determine whether or not such arrangements will be made.

Academic Misconduct

Academic Misconduct in any form is in violation of the ISU Student Disciplinary Regulations. This includes, but is not limited to, copying or sharing answers on assignments, plagiarism, entering student response data (clickers) for another student or having someone else do your academic work. Depending on the act, a student could receive 0 points on the assignment, an 'F' for the course, and/or could be suspended or even expelled from the University.

Special Academic Needs

If any student feels they may need an accommodation in this class based on the impact of a disability, please set up an appointment with the instructor during office hours the first week to discuss your specific needs. Please request a SAAR form, verifying your disability and specifying the accommodation you will need, from a Student Disability Resource staff person in 1076 Student Services Building, phone: 515-294-7220.

ENGR 121 is a satisfactory/fail class. **Total points needed to pass the class: 100**
Total points possible: 110. You can miss no more than 10 points total in order to pass this class.
Grades are posted in Blackboard.

<u>Grading Outline</u>	<u>Points</u>
Attendance (2 points per class)	24
In-Class Participation (3 points per class)	36
Academic Adviser Meeting #1	10
Academic Adviser Meeting #2	10
Academic Adviser Meeting #3	10
Academic Adviser Meeting #4	10
ISU Major Fair Worksheet	10
Total points possible	110

Attendance/In-Class Participation

5 points total for each class = 60 points possible

Clickers will be used to assess class attendance beginning the 2nd week of class. It is the student's responsibility to make sure clickers are registered and working. Check Blackboard to verify class attendance. The first class and other occasional days (i.e. - clickers aren't working, guest lecture doesn't allow time for attendance, etc.), attendance will be taken in paper form. Attendance is worth 2-points per day.

In-Class Participation points will be awarded at the end of each class based on the group grading rubric that will be turned-in as students leave. Groups will change each class meeting to ensure neutral assessments. Students must submit their "group grading rubric" before leaving the classroom in order to be awarded the 3-points for the day.

If you are absent due to illness or another unforeseen circumstance, please let the instructor know via email or by phone before the scheduled class.

Outside of Class Events

Students in ENGR 121 are required to have four meetings with their assigned Academic Adviser during the semester. These meetings will occur during week 1-2, 4-5, 6-7, and 9-10. Each meeting is worth 10 points.

All students should plan to attend the ISU Major Fair on **October 1st** in the Memorial Union. Completion of the Major Fair worksheet on Blackboard will be required prior to the Week 6-7 Academic Adviser meeting.

ISU Major Fair Worksheet

In compliance with Iowa State's Live Green! Initiative (www.livegreen.iastate.edu), this assignment should be submitted online via the class website on Blackboard Learn. Worksheets for the course may be found on the course Blackboard Learn website. *Students will need a computer with Adobe Acrobat XI and Microsoft Office software installed in order to complete the assignments.*

7	Oct 5	Developing Your Communication Skills <i>In-Class Activity: Writing sample e-mails</i> <i>In-Class Reflection: page 124</i>	<i>Read Chapter 4, Section 4.4 and Chapter 6, Section 6.6 (pgs 120-128, 187-192)</i> <i>Total: 13 pages</i>	
8	Oct 12	Academic and Career Plan <i>In-Class Activity: Writing your 4-year plan for involvement</i> <i>In-Class Reflection: page 257</i>	<i>Read Chapter 8, Section 8.5 (pgs 255-262)</i> <i>Total: 7 pages</i>	Reminder: 2nd half semester classes start Oct. 19
9	Oct 19	Managing Stress / Health and Wellness / Understanding Academic Resources <i>In-Class Activity: "Jeopardy" game</i>	<i>Read Chapter 4, Section 4.5 and Chapter 6, Section 6.8 (pgs 128-130 and 197-200)</i> <i>Total: 5 pages</i>	Midterm Grades due Oct. 19 *Meet with your adviser during week 9 or 10*
10	Oct 26	Personal Development / Behavior Modification <i>In-Class Reflections: pages 166 & 177</i>	<i>Read Chapter 6, Section 6.1- 6.3 (pgs 161-181)</i> <i>Total: 20 pages</i>	Reminder: Last day to drop a full semester class – Oct. 30
11	Nov 2	Leadership / Participation in Student Organizations <i>In-Class Reflections: pages 216 & 217</i>	<i>Read Chapter 6, Section 6.7 & Chapter 7, Section 7.1 (pgs 192-197, 211-217)</i> <i>Total: 13 pages</i>	
12	Nov 9	Self-Reflection about Semester / Habits to Keep, Habits to Let Go <i>In-Class Activity: Writing a letter to your future self</i> LAST DAY OF CLASS		Class Evaluation