

# Course Schedule - Fall 2005

## Engineering

100 **Engineering Lecture** Credit: 0 hours.

(ENG 100) Engineering lecture for freshmen; selected topics each week. Required of freshmen in the College of Engineering. Approved for S/U grading only.

Freshmen should enroll in the section corresponding to their major.

CRN	Type	Section	Time	Days	Location	Instructor
34117	lecture	AE1	03:00 PM - 03:50 PM	T	room 344 Mechanical Engineering Bldg	Larson, S
34117: Meets 24-Aug-05 - 05-Oct-05.						
34117: Topic: Aerospace Engineering. Restricted to new freshmen in the Aerospace Engineering major.						
34119	lecture	AE2	04:00 PM - 04:50 PM	T	room 344 Mechanical Engineering Bldg	Larson, S
34119: Meets 24-Aug-05 - 05-Oct-05.						
34119: Topic: Aerospace Engineering. Restricted to new freshmen in the Aerospace Engineering major.						
34121	lecture	AE3	03:00 PM - 03:50 PM	T	room 143 Everitt Elec and Comp Engr Lab	Larson, S
34121: Meets 24-Aug-05 - 05-Oct-05.						
34121: Topic: Aerospace Engineering. Restricted to new freshmen in the Aerospace Engineering major.						
34124	lecture	AE4	04:00 PM - 04:50 PM	T	room 57 Everitt Elec and Comp Engr Lab	Larson, S
34124: Meets 24-Aug-05 - 05-Oct-05.						
34124: Topic: Aerospace Engineering. Restricted to new freshmen in the Aerospace Engineering major.						
34127	lecture	AE5	03:00 PM - 03:50 PM	T	room 225A Talbot Laboratory	Larson, S
34127: Meets 24-Aug-05 - 05-Oct-05.						
34127: Topic: Aerospace Engineering. Restricted to new freshmen in the Aerospace Engineering major.						
34132	lecture	AG1	03:00 PM - 03:50 PM	T	room 214 Ceramics Bldg	Larson, S
34132: Meets 24-Aug-05 - 05-Oct-05.						
34132: Topic: Agricultural Engineering. Restricted to new freshmen in the Agricultural Engineering major.						
34136	lecture	AG2	04:00 PM - 04:50 PM	T	room 104 Talbot Laboratory	Larson, S

34136: Meets 24-Aug-05 - 05-Oct-05.

34136: Topic: Agricultural Engineering. Restricted to new freshmen in the Agricultural Engineering major.

40911	lecture	BI1	03:00 PM - 03:50 PM	T	room ARR Digital Computer Laboratory	Larson, S
-------	---------	-----	---------------------	---	--------------------------------------	-----------

40911: Meets 24-Aug-05 - 05-Oct-05.

40911: Topic: Bioengineering. Restricted to new freshmen in the Bioengineering major. Class will meet in 2240 DCL.

34137	lecture	CE1	03:00 PM - 03:50 PM	T	room 169 Everitt Elec and Comp Engr Lab	Larson, S
-------	---------	-----	---------------------	---	---	-----------

34137: Meets 24-Aug-05 - 05-Oct-05.

34137: Topic: Civil and Environmental Engineering. Restricted to new freshmen in the Civil and Environmental Engineering major.

34141	lecture	CE2	04:00 PM - 04:50 PM	T	room 204 Transportation Bldg	Larson, S
-------	---------	-----	---------------------	---	------------------------------	-----------

34141: Meets 24-Aug-05 - 05-Oct-05.

34141: Topic: Civil and Environmental Engineering. Restricted to new freshmen in the Civil and Environmental Engineering major.

34143	lecture	CE3	03:00 PM - 03:50 PM	T	room 204 Transportation Bldg	Larson, S
-------	---------	-----	---------------------	---	------------------------------	-----------

34143: Meets 24-Aug-05 - 05-Oct-05.

34143: Topic: Civil and Environmental Engineering. Restricted to new freshmen in the Civil and Environmental Engineering major.

34147	lecture	CE4	04:00 PM - 04:50 PM	T	room 203 Transportation Bldg	Larson, S
-------	---------	-----	---------------------	---	------------------------------	-----------

34147: Meets 24-Aug-05 - 05-Oct-05.

34147: Topic: Civil and Environmental Engineering. Restricted to new freshmen in the Civil and Environmental Engineering major.

34149	lecture	CE5	03:00 PM - 03:50 PM	T	room 203 Transportation Bldg	Larson, S
-------	---------	-----	---------------------	---	------------------------------	-----------

34149: Meets 24-Aug-05 - 05-Oct-05.

34149: Topic: Civil and Environmental Engineering. Restricted to new freshmen in the Civil and Environmental Engineering major.

34155	lecture	CSA	03:00 PM - 03:50 PM	T	room 206 Transportation Bldg	Larson, S
-------	---------	-----	---------------------	---	------------------------------	-----------

34155: Meets 24-Aug-05 - 05-Oct-05.

34155: Topic: Computer Science. Restricted to new freshmen in the Computer Science major.						
34158	lecture	CSB	04:00 PM - 04:50 PM	T	room 256 Mechanical Engineering Bldg	Larson, S
34158: Meets 24-Aug-05 - 05-Oct-05.						
34158: Topic: Computer Science. Restricted to new freshmen in the Computer Science major.						
34161	lecture	CSC	03:00 PM - 03:50 PM	T	room 170 Everitt Elec and Comp Engr Lab	Larson, S
34161: Meets 24-Aug-05 - 05-Oct-05.						
34161: Topic: Computer Science. Restricted to new freshmen in the Computer Science major.						
34164	lecture	CSD	04:00 PM - 04:50 PM	T	room 143 Everitt Elec and Comp Engr Lab	Larson, S
34164: Meets 24-Aug-05 - 05-Oct-05.						
34164: Topic: Computer Science. Restricted to new freshmen in the Computer Science major.						
34167	lecture	CSE	03:00 PM - 03:50 PM	T	room 168 Everitt Elec and Comp Engr Lab	Larson, S
34167: Meets 24-Aug-05 - 05-Oct-05.						
34167: Topic: Computer Science. Restricted to new freshmen in the Computer Science major.						
34169	lecture	CSF	04:00 PM - 04:50 PM	T	room 225A Talbot Laboratory	Larson, S
34169: Meets 24-Aug-05 - 05-Oct-05.						
34169: Topic: Computer Science. Restricted to new freshmen in the Computer Science major.						
34172	lecture	CSG	03:00 PM - 03:50 PM	T	room 336 Mechanical Engineering Bldg	Larson, S
34172: Meets 24-Aug-05 - 05-Oct-05.						
34172: Topic: Computer Science. Restricted to new freshmen in the Computer Science major.						
34183	lecture	EEA	03:00 PM - 03:50 PM	T	room 164 Noyes Laboratory	Larson, S
34183: Meets 24-Aug-05 - 05-Oct-05.						
34183: Topic: Electrical and Computer Engineering. Restricted to new freshmen in the Electrical and Computer Engineering major.						
34185	lecture	EEB	04:00 PM - 04:50 PM	T	room 164 Noyes Laboratory	Larson, S
34185: Meets 24-Aug-05 - 05-Oct-05.						
34185: Topic: Electrical and Computer Engineering. Restricted to new freshmen in the Electrical and Computer						

Engineering major.						
34188	lecture	EEC	03:00 PM - 03:50 PM	T	room 136 Burrill Hall	Larson, S
34188: Meets 24-Aug-05 - 05-Oct-05.						
34188: Topic: Electrical and Computer Engineering. Restricted to new freshmen in the Electrical and Computer Engineering major.						
34190	lecture	EED	04:00 PM - 04:50 PM	T	room 336 Mechanical Engineering Bldg	Larson, S
34190: Meets 24-Aug-05 - 05-Oct-05.						
34190: Topic: Electrical and Computer Engineering. Restricted to new freshmen in the Electrical and Computer Engineering major.						
34192	lecture	EEE	03:00 PM - 03:50 PM	T	room 214 Davenport Hall	Larson, S
34192: Meets 24-Aug-05 - 05-Oct-05.						
34192: Topic: Electrical and Computer Engineering. Restricted to new freshmen in the Electrical and Computer Engineering major.						
34194	lecture	EEF	04:00 PM - 04:50 PM	T	room 36 English Bldg	Larson, S
34194: Meets 24-Aug-05 - 05-Oct-05.						
34194: Topic: Electrical and Computer Engineering. Restricted to new freshmen in the Electrical and Computer Engineering major.						
34196	lecture	EEG	03:00 PM - 03:50 PM	T	room 159 Altgeld Hall	Larson, S
34196: Meets 24-Aug-05 - 05-Oct-05.						
34196: Topic: Electrical and Computer Engineering. Restricted to new freshmen in the Electrical and Computer Engineering major.						
34199	lecture	EEH	04:00 PM - 04:50 PM	T	room 159 Altgeld Hall	Larson, S
34199: Meets 24-Aug-05 - 05-Oct-05.						
34199: Topic: Electrical and Computer Engineering. Restricted to new freshmen in the Electrical and Computer Engineering major.						
34201	lecture	EEI	03:00 PM - 03:50 PM	T	room 312 Davenport Hall	Larson, S
34201: Meets 24-Aug-05 - 05-Oct-05.						
34201: Topic: Electrical and Computer Engineering. Restricted to new freshmen in the Electrical and Computer Engineering major.						
34203	lecture	EEJ	04:00 PM - 04:50 PM	T	room 169 Davenport Hall	Larson, S
34203: Meets 24-Aug-05 - 05-Oct-05.						

34203: Topic: Electrical and Computer Engineering. Restricted to new freshmen in the Electrical and Computer Engineering major.						
34207	lecture	EEK	03:00 PM - 03:50 PM	T	room 255 Armory	Larson, S
34207: Meets 24-Aug-05 - 05-Oct-05.						
34207: Topic: Electrical and Computer Engineering. Restricted to new freshmen in the Electrical and Computer Engineering major.						
34212	lecture	EEL	04:00 PM - 04:50 PM	T	room 255 Armory	Larson, S
34212: Meets 24-Aug-05 - 05-Oct-05.						
34212: Topic: Electrical and Computer Engineering. Restricted to new freshmen in the Electrical and Computer Engineering major.						
34213	lecture	EEM	03:00 PM - 03:50 PM	T	room 326 David Kinley Hall	Larson, S
34213: Meets 24-Aug-05 - 05-Oct-05.						
34213: Topic: Electrical and Computer Engineering. Restricted to new freshmen in the Electrical and Computer Engineering major.						
34227	lecture	EM1	03:00 PM - 03:50 PM	T	room 108 Lincoln Hall	Larson, S
34227: Meets 24-Aug-05 - 05-Oct-05.						
34227: Topic: Engineering Mechanics. Restricted to new freshmen in the Engineering Mechanics major.						
34224	lecture	EP1	04:00 PM - 04:50 PM	T	room 315 Gregory Hall	Larson, S
34224: Meets 24-Aug-05 - 05-Oct-05.						
34224: Topic: Engineering Physics. Restricted to new freshmen in the Engineering Physics major.						
45822	lecture	EP2	03:00 PM - 03:50 PM	T	room 341 Altgeld Hall	Larson, S
45822: Meets 24-Aug-05 - 05-Oct-05.						
45822: Topic: Engineering Physics. Restricted to new freshmen in the Engineering Physics major.						
34228	lecture	GE1	03:00 PM - 03:50 PM	T	room 329 Gregory Hall	Larson, S
34228: Meets 24-Aug-05 - 05-Oct-05.						
34228: Topic: General Engineering. Restricted to new freshmen in the General Engineering major.						
34230	lecture	GE2	04:00 PM - 04:50 PM	T	room 1030 Foreign Languages Bldg	Larson, S
34230: Meets 24-Aug-05 - 05-Oct-05.						
34230: Topic: General Engineering. Restricted to new freshmen in the General Engineering major.						

34232	lecture	GE3	03:00 PM - 03:50 PM	T	room 153 Mechanical Engineering Bldg	Larson, S
34232: Meets 24-Aug-05 - 05-Oct-05.						
34232: Topic: General Engineering. Restricted to new freshmen in the General Engineering major.						
34234	lecture	GE4	04:00 PM - 04:50 PM	T	room 154 Henry Administration Bldg	Larson, S
34234: Meets 24-Aug-05 - 05-Oct-05.						
34234: Topic: General Engineering. Restricted to new freshmen in the General Engineering major.						
34237	lecture	GE5	03:00 PM - 03:50 PM	T	room 243 Mechanical Engineering Bldg	Larson, S
34237: Meets 24-Aug-05 - 05-Oct-05.						
34237: Topic: General Engineering. Restricted to new freshmen in the General Engineering major.						
34238	lecture	GE6	04:00 PM - 04:50 PM	T	room 149 Henry Administration Bldg	Larson, S
34238: Meets 24-Aug-05 - 05-Oct-05.						
34238: Topic: General Engineering. Restricted to new freshmen in the General Engineering major.						
34239	lecture	GE7	03:00 PM - 03:50 PM	T	room 154 Henry Administration Bldg	Larson, S
34239: Meets 24-Aug-05 - 05-Oct-05.						
34239: Topic: General Engineering. Restricted to new freshmen in the General Engineering major.						
34241	lecture	GE8	04:00 PM - 04:50 PM	T	room 7 Illini Hall	Larson, S
34241: Meets 24-Aug-05 - 05-Oct-05.						
34241: Topic: General Engineering. Restricted to new freshmen in the General Engineering major.						
34252	lecture	IE1	03:00 PM - 03:50 PM	T	room 144 Armory	Larson, S
34252: Meets 24-Aug-05 - 05-Oct-05.						
34252: Topic: Industrial Engineering. Restricted to new freshmen in the Industrial Engineering major.						
34242	lecture	MEA	03:00 PM - 03:50 PM	T	room 162 Noyes Laboratory	Larson, S
34242: Meets 24-Aug-05 - 05-Oct-05.						
34242: Topic: Mechanical Engineering. Restricted to new freshmen in the Mechanical Engineering major.						
34244	lecture	MEB	04:00 PM - 04:50 PM	T	room 214 Davenport Hall	Larson, S

34244: Meets 24-Aug-05 - 05-Oct-05.						
34244: Topic: Mechanical Engineering. Restricted to new freshmen in the Mechanical Engineering major.						
34245	lecture	MEC	03:00 PM - 03:50 PM	T	room 315 Gregory Hall	Larson, S
34245: Meets 24-Aug-05 - 05-Oct-05.						
34245: Topic: Mechanical Engineering. Restricted to new freshmen in the Mechanical Engineering major.						
34247	lecture	MED	04:00 PM - 04:50 PM	T	room 312 Davenport Hall	Larson, S
34247: Meets 24-Aug-05 - 05-Oct-05.						
34247: Topic: Mechanical Engineering. Restricted to new freshmen in the Mechanical Engineering major.						
34248	lecture	MEE	03:00 PM - 03:50 PM	T	room 108 David Kinley Hall	Larson, S
34248: Meets 24-Aug-05 - 05-Oct-05.						
34248: Topic: Mechanical Engineering. Restricted to new freshmen in the Mechanical Engineering major.						
34250	lecture	MEF	04:00 PM - 04:50 PM	T	room 144 Armory	Larson, S
34250: Meets 24-Aug-05 - 05-Oct-05.						
34250: Topic: Mechanical Engineering. Restricted to new freshmen in the Mechanical Engineering major.						
40069	lecture	MEG	04:00 PM - 04:50 PM	T	room 305 Materials Science and Eng Bld	Larson, S
40069: Meets 24-Aug-05 - 05-Oct-05.						
40069: Topic: Mechanical Engineering. Restricted to new freshmen in the Mechanical Engineering major.						
34254	lecture	MEH	04:00 PM - 04:50 PM	T	room 108 David Kinley Hall	Larson, S
34254: Meets 24-Aug-05 - 05-Oct-05.						
34254: Topic: Mechanical Engineering. Restricted to new freshmen in the Mechanical Engineering major.						
40068	lecture	MEI	03:00 PM - 03:50 PM	T	room 7 Illini Hall	Larson, S
40068: Meets 24-Aug-05 - 05-Oct-05.						
40068: Topic: Mechanical Engineering. Restricted to new freshmen in the Mechanical Engineering major.						
45823	lecture	MEJ	04:00 PM - 04:50 PM	T	room 168 Everitt Elec and Comp Engr Lab	Larson, S
45823: Meets 24-Aug-05 - 05-Oct-05.						
45823: Topic: Mechanical Engineering. Restricted to new freshmen in the Mechanical Engineering major.						

34256	lecture	MS1	03:00 PM - 03:50 PM	T	room 143 Armory	Larson, S
34256: Meets 24-Aug-05 - 05-Oct-05.						
34256: Topic: Materials Science and Engineering. Restricted to new freshmen in the Materials Science and Engineering major.						
34258	lecture	MS2	04:00 PM - 04:50 PM	T	room 313 Gregory Hall	Larson, S
34258: Meets 24-Aug-05 - 05-Oct-05.						
34258: Topic: Materials Science and Engineering. Restricted to new freshmen in the Materials Science and Engineering major.						
40070	lecture	MS3	03:00 PM - 03:50 PM	T	room 241 Everitt Elec and Comp Engr Lab	Larson, S
40070: Meets 24-Aug-05 - 05-Oct-05.						
40070: Topic: Materials Science and Engineering. Restricted to new freshmen in the Materials Science and Engineering major.						
40071	lecture	MS4	04:00 PM - 04:50 PM	T	room 260 Everitt Elec and Comp Engr Lab	Larson, S
40071: Meets 24-Aug-05 - 05-Oct-05.						
40071: Topic: Materials Science and Engineering. Restricted to new freshmen in the Materials Science and Engineering major.						
34259	lecture	NU1	04:00 PM - 04:50 PM	T	room 326 David Kinley Hall	Larson, S
34259: Meets 24-Aug-05 - 05-Oct-05.						
34259: Topic: Nuclear, Plasma and Radiological Engineering. Restricted to new freshmen in the Nuclear, Plasma and Radiological Engineering major.						

199 **Undergraduate Open Seminar** Credit: 0 to 5 hours.  
(ENG 199) May be repeated.

Students registering for a discussion (AD\_) must also register for the lecture (AL1) section.

CRN	Type	Section	Time	Days	Location	Instructor
34366	conference	B	ARRANGED			Litchfield, J
34366: 5 hours See Engr International Programs for enrollment.						
34369	lecture-discussion	I	03:00 PM - 03:50 PM	R	room 116 Roger Adams Laboratory	Litchfield, J; Hjelmstad, K
34369: 1 hours Topic: International Dimensions of Engineering.						
46104	lecture-	R	03:00 PM - 03:50	R	room 143 Everitt	Linnemeyer, S Page 8 - Engineering, Fall 2005

	discussion		PM		Elec and Comp Engr Lab	
46104: 1 hours1 hour. Robotics, engineering, computer and math projects in elementary and middle schools.						
41797	lecture- discussion	TM	12:00 PM - 12:50 PM	F	room 119 Materials Science and Eng Bld	Clarke, J
41797: 1 hoursDepartmental Approval RequiredTopic: Technology and Management Honors Seminar. Prerequisite: 3.5 GPA, Sophomore standing. Contact tech-mgmt@uiuc.edu						
34372	conference	W	04:00 PM - 05:50 PM	M	room 106B8 Engineering Hall	Linnemeyer, S; Haque, T
34372: 1 hoursMentoring. For freshmen and upper class students. Freshmen learn the skills needed to succeed in Engineering. Upper class students learn leadership and mentoring skills.						

**201 Cooperative Engr Seminar** Credit: 0 hours.

(ENG 101) Discussion seminar for on-campus cooperative education students. Topics include industrial work reports, online company card reports, on-line ABET reports, the Co-op/Internship Job Fair, the Co-op Information Night, the Co-op Society, and membership in the Co-op Honor Society. Approved for S/U grading only.  
Prerequisite: Enrollment as a cooperative education student

CRN	Type	Section	Time	Days	Location	Instructor
30112	lecture- discussion	A	05:00 PM - 05:50 PM	M	room 1310 Digital Computer Laboratory	Beavers, J
30112: Discussion seminar for on-campus cooperative education students. Topics include industrial work reports, online company card reports, on-line ABET reports, the Co-op/Internship Job Fair, the Co-op Information Night, the Co-op Society, and membership in the Co-op Honor Society. Approved for S/U grading only. Prerequisite: Enrollment as a cooperative education student.						

**202 Cooperative Engr Practice** Credit: 0 hours.

(ENG 102) Off-campus practice of engineering in government or industry. Approved for S/U grading only.  
Prerequisite: Enrollment as a cooperative education student.

CRN	Type	Section	Time	Days	Location	Instructor
30114	discussion- recitation	1	ARRANGED			Beavers, J
30114: Instructor Approval Required						
30114: Off-campus practice of engineering in government or industry. Approved for S/U grading only. Prerequisite: Enrollment as a cooperative education student. Work Report, on-line Company Card Report, and on-line ABET Report required.						

**210 Engineering Apprenticeship** Credit: 0 hours.

(ENG 110) Part-time practice of engineering science in an on-campus research laboratory environment; summary report required. May be repeated. Approved for both letter and S/U grading. Prerequisite: Completion of freshman year and consent of the Director of College of Engineering Work Experience Programs.

CRN	Type	Section	Time	Days	Location	Instructor
30126	lecture-discussion	1	ARRANGED			Coddington, R

**299 Engineering Study Abroad** Credit: 0 to 15 hours.

(ENG 299) Provides campus credit for foreign study and/or provides a mechanism for engineering students to maintain continuous enrollment on this campus. If objective is study abroad for credit, a detailed proposal must be submitted by the student for approval by a committee of the department in which the student is studying and the college office prior to such study abroad. Final determination of credit and its application toward the student's degree is made after a review of the student's work abroad by the above committee and the college office. (Summer Session, 0 to 7.5 hours). Prerequisite: Completion of sophomore year in engineering; approval of student's proposed study program by his department and the college office.

CRN	Type	Section	Time	Days	Location	Instructor
30129	conference	A	ARRANGED			Finis, T; Litchfield, J

**300 Engineering Transfer Lecture** Credit: 0 hours.

(ENG 200) Required of off-campus transfer students in the College of Engineering. Meets for first three weeks of each term; selected topics Approved for S/U grading only.

CRN	Type	Section	Time	Days	Location	Instructor
30131	lecture-discussion	T	05:00 PM - 05:50 PM	W	room 100 Materials Science and Eng Bld	Wenzel, H

**310 Engineering Internship** Credit: 0 hours.

(ENG 210) Full-time practice of engineering in an off-campus industrial or research laboratory environment. Work report, on-line Company Card Report, and on-line ABET report required. Approved for S/U grading only. Prerequisite: Completion of freshman year or consent of Director of the College of Engineering Work Experience Programs

CRN	Type	Section	Time	Days	Location	Instructor
30134	discussion-recitation	1	ARRANGED			Beavers, J

30134: Instructor Approval Required

30134: Full-time practice of engineering in an off-campus industrial or research laboratory environment. Work report, on-line Company Card Report, and on-line ABET report required. It is expected that students enrolling in

this course for Fall or Spring semesters will work at least 12 weeks during the semester, and students enrolling for Summer will work at least 8 weeks during summer. Approved for S/U grading only. Prerequisite: Completion of freshman year or consent of Director of Engineering Career Services.

**491 *Interdisciplinary Design Proj* Credit: 1 to 4 hours.**

The course objective is to provide a disciplined, multi-department project design experience. Teams work on projects with team objectives that have an overall (or major phase) completion date at the end of the semester. Students participate in engineering activities with individual as well as team responsibilities. The projects involve project specification through a proposal, analyses of cost and other tradeoffs among alternative designs, design review, fabrication and assembly, functional and environmental testing, and demonstrations (as applicable). Presentations are made and reports are given at the end of each semester. Lecture-lab format. Prerequisite: Senior standing; consent of section instructor. 1 to 4 undergraduate hours. May be repeated once.

CRN	Type	Section	Time	Days	Location	Instructor
41009	laboratory	CU1	ARRANGED			
41009: Instructor Approval Required						
	lecture	CU1	05:00 PM - 05:50 PM	T	room 260 Everitt Elec and Comp Engr Lab	Swenson, G
: Instructor Approval Required						
41920	lecture	SAE	03:00 PM - 05:50 PM	M	room 253 Mechanical Engineering Bldg	Miller, N
41920: Instructor Approval Required						
41920: 3 hours Formula SAE Design Course. You must have instructor approval to register for this course.						

**510 *Engineering Practice* Credit: 0 hours.**

(ENG 410) Practice type course. May be repeated. Approved for S/U grading only. Prerequisite: Graduate student standing or consent of Director of College of Engineering Work Experience Programs.

CRN	Type	Section	Time	Days	Location	Instructor
30141	discussion-recitation	A	ARRANGED			Beavers, J
30141: Instructor Approval Required						
30141: Practice type course. May be repeated. It is expected that students enrolling in this course for Fall or Spring semesters will work at least 12 weeks during the semester, and students enrolling for Summer will work at least 8 weeks during summer. Approved for S/U grading only. Prerequisite: Graduate student standing or consent of Director of Engineering Career Services. Work Report, online Company Card Report, and online ABET Report required.						