

RECEIVED

MAY 6 2015

OFFICE OF THE  
SENATE COUNCIL**1. General Information**

1a. Submitted by the College of: ENGINEERING

Date Submitted: 11/19/2014

1b. Department/Division: College of Engineering

1c. Contact Person

Name: Joseph Colella

Email: joseph.colella@uky.edu

Phone: 7-0552

Responsible Faculty ID (if different from Contact)

Name: Kimberly Anderson

Email: kimberly.anderson

Phone: 7-1864

1d. Requested Effective Date: Semester following approval

1e. Should this course be a UK Core Course? No

**2. Designation and Description of Proposed Course**

2a. Will this course also be offered through Distance Learning?: No

2b. Prefix and Number: EGR 111

2c. Full Title: Success in Engineering

2d. Transcript Title:

2e. Cross-listing:

2f. Meeting Patterns

LECTURE: 1

2g. Grading System: Pass/Fail

2h. Number of credit hours: 1

2i. Is this course repeatable for additional credit? No

If Yes: Maximum number of credit hours:

If Yes: Will this course allow multiple registrations during the same semester?

2j. Course Description for Bulletin: EGR 111 reserved for Freshman College of Engineering students who have been admitted into the Engineering Living Learning Community. For registration information contact 859-257-0552.

2k. Prerequisites, if any:

2l. Supplementary Teaching Component:

3. Will this course taught off campus? No

If YES, enter the off campus address:

4. Frequency of Course Offering: Fall,

Will the course be offered every year?: Yes

If No, explain:

5. Are facilities and personnel necessary for the proposed new course available?: Yes

If No, explain:

6. What enrollment (per section per semester) may reasonably be expected?: 50

7. Anticipated Student Demand

Will this course serve students primarily within the degree program?: Yes

Will it be of interest to a significant number of students outside the degree pgm?: No

If Yes, explain:

8. Check the category most applicable to this course: Relatively New – Now Being Widely Established,

If No, explain:

9. Course Relationship to Program(s).

a. Is this course part of a proposed new program?: No

If YES, name the proposed new program:

b. Will this course be a new requirement for ANY program?: No

If YES, list affected programs:

10. Information to be Placed on Syllabus.

a. Is the course 400G or 500?: No

b. The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applicable, from 10.a above) are attached: Yes

## Distance Learning Form

Instructor Name:

Instructor Email:

Internet/Web-based: No

Interactive Video: No

Hybrid: No

1. How does this course provide for timely and appropriate interaction between students and faculty and among students? Does the course syllabus conform to University Senate Syllabus Guidelines, specifically the Distance Learning Considerations?
2. How do you ensure that the experience for a DL student is comparable to that of a classroom-based student's experience? Aspects to explore: textbooks, course goals, assessment of student learning outcomes, etc.
3. How is the integrity of student work ensured? Please speak to aspects such as password-protected course portals, proctors for exams at interactive video sites; academic offense policy; etc.
4. Will offering this course via DL result in at least 25% or at least 50% (based on total credit hours required for completion) of a degree program being offered via any form of DL, as defined above?  
If yes, which percentage, and which program(s)?
5. How are students taking the course via DL assured of equivalent access to student services, similar to that of a student taking the class in a traditional classroom setting?
6. How do course requirements ensure that students make appropriate use of learning resources?
7. Please explain specifically how access is provided to laboratories, facilities, and equipment appropriate to the course or program.
8. How are students informed of procedures for resolving technical complaints? Does the syllabus list the entities available to offer technical help with the delivery and/or receipt of the course, such as the Information Technology Customer Service Center (<http://www.uky.edu/UKIT/>)?
9. Will the course be delivered via services available through the Distance Learning Program (DLP) and the Academic Technology Group (ATL)? NO  
If no, explain how student enrolled in DL courses are able to use the technology employed, as well as how students will be provided with assistance in using said technology.
10. Does the syllabus contain all the required components? NO
11. I, the instructor of record, have read and understood all of the university-level statements regarding DL.

Instructor Name:

SIGNATURE|CHE202|Kimberly W Anderson|EGR 111 NEW Dept Review|20150313

SIGNATURE|BJSTOK0|Barbara J Brandenburg|EGR 111 NEW College Review|20150406

SIGNATURE|JMETT2|Joanie Ett-Mims|EGR 111 NEW Undergrad Council Review|20150506

## New Course Form

<https://myuk.uky.edu/sap/bc/soap/rfc?services=>

[Open in full window to print or save](#)

Generate R

## Attachments:

[Browse...](#)

Upload File

	ID	Attachment
<a href="#">Delete</a>	4061	<a href="#">Justification for EGR 111..docx</a>
<a href="#">Delete</a>	4629	<a href="#">EGR 111 syllabus.docx</a>
<a href="#">Delete</a>	4814	<a href="#">EGR 111 UGC Review Checklist.docx</a>

[First](#) [1](#) [Last](#)

(\*denotes required fields)

## 1. General Information

- a. \* Submitted by the College of:  Submission Date:
- b. \* Department/Division:
- c.
- \* Contact Person Name:  Email:  Phone:
- \* Responsible Faculty ID (if different from Contact):  Email:  Phone:
- d. \* Requested Effective Date:  Semester following approval OR  Specific Term/Year
- e. Should this course be a UK Core Course?  Yes  No
- If YES, check the areas that apply:
- Inquiry - Arts & Creativity  Composition & Communications - II
- Inquiry - Humanities  Quantitative Foundations
- Inquiry - Nat/Math/Phys Sci  Statistical Inferential Reasoning
- Inquiry - Social Sciences  U.S. Citizenship, Community, Diversity
- Composition & Communications - I  Global Dynamics

## 2. Designation and Description of Proposed Course.

- a. \* Will this course also be offered through Distance Learning?  Yes  No
- b. \* Prefix and Number:
- c. \* Full Title:
- d. Transcript Title (if full title is more than 40 characters):
- e. To be Cross-Listed <sup>2</sup> with (Prefix and Number):
- f. \* Courses must be described by at least one of the meeting patterns below. Include number of actual contact hours<sup>3</sup> for each meeting pattern type.
- |  |  |                                 |                                 |
|--|--|---------------------------------|---------------------------------|
| <input type="text" value="1"/> Lecture | <input type="text"/> Laboratory <sup>1</sup>   | <input type="text"/> Recitation | <input type="text"/> Discussion |
| <input type="text"/> Indep. Study      | <input type="text"/> Clinical                  | <input type="text"/> Colloquium | <input type="text"/> Practicum  |
| <input type="text"/> Research          | <input type="text"/> Residency                 | <input type="text"/> Seminar    | <input type="text"/> Studio     |
| <input type="text"/> Other             | If Other, Please explain: <input type="text"/> |                                 |                                 |
- g. \* Identify a grading system:
- Letter (A, B, C, etc.)
- Pass/Fail
- Medicine Numeric Grade (Non-medical students will receive a letter grade)
- Graduate School Grade Scale
- h. \* Number of credits:
- i. \* Is this course repeatable for additional credit?  Yes  No
- If YES: Maximum number of credit hours:
- If YES: Will this course allow multiple registrations during the same semester?  Yes  No

## j. \* Course Description for Bulletin:

EGR 111 reserved for Freshman College of Engineering students who have been admitted into the Engineering Living Learning Community. For registration information contact 859-257-0552.

## k. Prerequisites, if any:

l. Supplementary teaching component, if any:  Community-Based Experience  Service Learning  Both3. \* Will this course be taught off campus?  Yes  No

If YES, enter the off campus address: \_\_\_\_\_

## 4. Frequency of Course Offering.

a. \* Course will be offered (check all that apply):  Fall  Spring  Summer  Winter

b. \* Will the course be offered every year?  Yes  No

If No, explain: \_\_\_\_\_

5. \* Are facilities and personnel necessary for the proposed new course available?  Yes  No

If No, explain: \_\_\_\_\_

## 6. \* What enrollment (per section per semester) may reasonably be expected? 50

## 7. Anticipated Student Demand.

a. \* Will this course serve students primarily within the degree program?  Yes  No

b. \* Will it be of interest to a significant number of students outside the degree pgm?  Yes  No

If YES, explain: \_\_\_\_\_

## 8. \* Check the category most applicable to this course:

- Traditional – Offered in Corresponding Departments at Universities Elsewhere  
 Relatively New – Now Being Widely Established  
 Not Yet Found in Many (or Any) Other Universities

## 9. Course Relationship to Program(s).

a. \* Is this course part of a proposed new program?  Yes  No

If YES, name the proposed new program: \_\_\_\_\_

b. \* Will this course be a new requirement <sup>5</sup> for ANY program?  Yes  No

If YES <sup>5</sup>, list affected programs: \_\_\_\_\_

## 10. Information to be Placed on Syllabus.

a. \* Is the course 400G or 500?  Yes  No

If YES, the *differentiation for undergraduate and graduate students must be included* in the information required in 10.b. You must include: (i) identify additional assignments by the graduate students; and/or (ii) establishment of different grading criteria in the course for graduate students. (See SR

b.  \* The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applicable above) are attached.

<sup>1</sup> Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.

<sup>2</sup> The chair of the cross-listing department must sign off on the Signature Routing Log

In general, undergraduate courses are developed on the principle that one semester hour of credit represents one hour of classroom meeting per week for a semester, exclusive of any laboratory meeting. Laboratory meeting, generally, requires two hours per week for a semester for one credit hour. (From SR 5.2.1)

You must also submit the Distance Learning Form in order for the proposed course to be considered for DL delivery.

In order to change a program, a program change form must also be submitted.

Rev 8/09

Due to the rules that a topic under EGR 199 cannot be taught more than three times, EGR 199 – Success in Engineering is moving to EGR 111.

# UNIVERSITY OF KENTUCKY

## EGR 111: Success in Engineering (1 Credit)

**Instructor:** Tony Colella  
**Office Address:** 383 Ralph G. Anderson Building Phone:  
**Email:** [joseph.colella@uky.edu](mailto:joseph.colella@uky.edu)  
**Office Phone:** (859) 257-0552

**Office Hours:** “Open Door Policy” just show up or email me before to confirm date/time. If you decide to email me a question or concern please use the following format in your subject line “*EGR 111 – (Last Name First Name, Student ID #XXXXXXX)*”

**Course Description:** EGR 111 is reserved for College of Engineering students who have been admitted into the Engineering Living Learning Community. For registration information contact 859-257-0552.

**Prerequisites:** Enrollment in the College of Engineering Living Learning Community.

### **Student Learning Outcomes:**

At the conclusion of this course the students should.....

1. have an increased understanding of what are the keys to success in studying engineering
2. understand the value of an engineering profession
3. understand the learning process in higher academics
4. understand the value of personal and professional growth as a college student
5. recognize the importance of leadership, communication, and personal interaction with surrounding professionals

**Course Goals:** Welcome to EGR 111: Success in Engineering! You’ve chosen to pursue an engineering or computer science major at the University of Kentucky. Numerous well known professionals have graduated from this college and have established the ground work for you to continue to ‘*Change the World*’ through engineering or computer science. The goal of this course is to provide you with just a few learning tools necessary so that you can succeed and excel as a student and as a future professional undergraduate from the UK College of Engineering. Achievement of your degree will be the toughest and most challenging path you have ever endeavored. You **can** do this, you **can** succeed, and you **can** be a UK College of Engineering graduate! But remember “*If it were easy, everybody would be an engineering or computer science major*”



**Required Materials:** *Studying Engineering: A Road Map to a Rewarding Career (4<sup>th</sup> Edition)* - This textbook is available for purchase at the University of Kentucky Bookstore or at Amazon and other sites.

**Course Assignments:**

Class Participation/Attendance (50%): Evaluated based on attendance, frequency of in-class participation and quality of in-class participation all evaluated equally.

Success Assignment Paper (30%): See attached item (How are you going to become the next great UK College of Engineering Undergraduate?) Submitted electronically to [Joseph.Colella@uky.edu](mailto:Joseph.Colella@uky.edu) In the subject line place ***“EGR 111 – Last Name, First Name, Student ID, How to Become a World-Class Engineering Student”***

Reading assignments **must** be completed prior to class.

**Course Grading:** This course is graded as a pass/fail course. Grades will be based on attendance, satisfactory class participation, homework assignment completion and a Success Assignment Paper.

Class Participation/Attendance (50%): Evaluated based on attendance, frequency of in-class participation and quality of in-class participation all evaluated equally.

Success Assignment Paper (30%): See attached item (How are you going to become the next great UK College of Engineering Undergraduate?) Submitted electronically to [Joseph.Colella@uky.edu](mailto:Joseph.Colella@uky.edu) In the subject line place ***“EGR 111 – Last Name, First Name, Student ID, How to Become a World-Class Engineering Student”***

Homework Assignments (20%): Submitted electronically to [Joseph.Colella@uky.edu](mailto:Joseph.Colella@uky.edu). In the subject line place ***“EGR 111 – Last Name, First Name, Student ID, HW Assignment # “X”***

**Final Exam Information**

No final exam.

**Mid-term Grade**

Mid-term grades will be posted in myUK by the deadline established in the

Academic Calendar (<http://www.uky.edu/registrar/content/academic-calendar>)

## **Course Policies:**

### **Submission of Assignments:**

Success Assignment Paper (30%): See attached item (How are you going to become the next great UK College of Engineering Undergraduate?) Submitted electronically to [Joseph.Colella@uky.edu](mailto:Joseph.Colella@uky.edu) In the subject line place ***“EGR 111 – Last Name, First Name, Student ID, How to Become a World-Class Engineering Student”***

Homework Assignments (20%): Submitted electronically to [Joseph.Colella@uky.edu](mailto:Joseph.Colella@uky.edu). In the subject line place ***“EGR 111 – Last Name, First Name, Student ID, HW Assignment # “X”***

### **Attendance Policy**

Students are expected to attend all classes. In addition to class attendance, students must attend one industry visit and the Root Beer with an Engineer events in the term to receive a passing grade.

### **Excused Absences:**

Students need to notify the professor of absences prior to class when possible. S.R. 5.2.4.2 defines the following as acceptable reasons for excused absences: (a) serious illness, (b) illness or death of family member, (c) University-related trips, (d) major religious holidays, and (e) other circumstances found to fit “reasonable cause for nonattendance” by the professor.

Students anticipating an absence for a major religious holiday are responsible for notifying the instructor in writing of anticipated absences due to their observance of such holidays no later than the last day in the semester to add a class. Information regarding dates of major religious holidays may be obtained through the religious liaison, Mr. Jake Karnes (859-257-2754).

Students are expected to withdraw from the class if more than 20% of the classes scheduled for the semester are missed (excused or unexcused) per university policy.

### **Verification of Absences**

Students may be asked to verify their absences in order for them to be considered excused. Senate Rule 5.2.4.2 states that faculty have the right to request “appropriate verification” when students claim an excused absence because of illness or death in the family. Appropriate notification of absences due to university-related trips is required prior to the absence.

### **Academic Integrity**

Per university policy, students shall not plagiarize, cheat, or falsify or misuse academic records. Students are expected to adhere to University policy on cheating and plagiarism in all courses. The minimum penalty for a first offense is a zero on the assignment on which the offense occurred. If the offense is considered severe or the student has other academic offenses on their record, more serious penalties, up to suspension from the university may be imposed.

Plagiarism and cheating are serious breaches of academic conduct. Each student is advised to become familiar with the various forms of academic dishonesty as explained in the Code of Student Rights and Responsibilities. Complete information can be found at the following website: <http://www.uky.edu/Ombud>. A plea of ignorance is not acceptable as a defense against the charge of academic dishonesty. It is important that you review this information as all ideas borrowed from others need to be properly credited.

Part II of *Student Rights and Responsibilities* (available online <http://www.uky.edu/StudentAffairs/Code/part2.html>) states that all academic work, written or otherwise, submitted by students to their instructors or other academic supervisors, is expected to be the result of their own thought, research, or self-expression. In cases where students feel unsure about the question of plagiarism involving their own work, they are obliged to consult their instructors on the matter before submission.

When students submit work purporting to be their own, but which in any way borrows ideas, organization, wording or anything else from another source without appropriate acknowledgement of the fact, the students are guilty of plagiarism. Plagiarism includes reproducing someone else's work, whether it be a published article, chapter of a book, a paper from a friend or some file, or something similar to this. Plagiarism also includes the practice of employing or allowing another person to alter or revise the work which a student submits as his/her own, whoever that other person may be.

Students may discuss assignments among themselves or with an instructor or tutor, but when the actual work is done, it must be done by the student, and the student alone. When a student's assignment involves research in outside sources of information, the student must carefully acknowledge exactly what, where and how he/she employed them. If the words of someone else are used, the student must put quotation marks around the passage in question and add an appropriate indication of its origin. Making simple changes while leaving the organization, content and phraseology intact is plagiaristic. However, nothing in these Rules shall apply to those ideas which are so generally and freely circulated as to be a part of the public domain (Section 6.3.1).

**Please note:** Any assignment you turn in may be submitted to an electronic database to check for plagiarism.

### **Accommodations due to disability**

If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email address: jkarnes@email.uky.edu) for coordination of campus disability services available to students with disabilities.

### **Classroom Behavior Policies**

Electronic devices should only be used for note-taking or assignment related purposes. Respect the education, other students, and instructors.

## **TENTATIVE COURSE SCHEDULE**

### **Session #1 - Sept 2nd**

Welcome and Course Overview - Reading Assignment: None

### **Session #2 – Sept 9th**

Lesson #1 - Chapter 1 – “*Keys to Success in Engineering Study*” – Read pages 8 – 34

**HOMEWORK ASSIGNMENT #1 Due no later than 5PM on September 8<sup>th</sup> via email (see how to submit homework assignments on page 1 of syllabus):**

Answer questions 4, 5, 6, 11, and 12 on pg. 32-33.

### **Session #3 – Sept 16th**

Lesson #2a - Chapter 2 – “*The Engineering Profession*” – Read pages 35 – 47

Be prepared to discuss Case Study – 2.3: The Human-Powered Helicopter pg. 41

### **Session #4 – Sept 23rd**

**\* (Sec 008 early release 4:45pm only for MA 113/MA 114 Common Exam)**

**\* (Sec 009 no class only for MA 113/114 Common Exam)**

Lesson #2b – Chapter 2 – “*The Engineering Profession*” – Read pages 48 – 84

### **Session #5 – Sept 30th**

Lesson #3 – Chapter 3 – “*Understanding the Teaching/Learning Process*” – Read pages 89 - 109

**HOMEWORK ASSIGNMENT #2 Due in class for September 30th. Review problems #12 and 13 on page 108 and complete the “Academic Success Skills Survey” on page 109. Be prepared to discuss your scores in class.**

**Session #6 – Oct 7th**

Guest Speaker (TBD)

**Session #7 – Oct 14th**

**Review of Success Assignment Paper Requirements and Peer Mentor Panel for Midterms. \* Due no later than 8AM on November 26th \***

**Session #8 – Oct 21st**

NO CLASS – STUDY FOR MIDTERMS

**Session #9 – Oct 28th**

Lesson #4 – Chapter 4 – “*Making the Most Out of How You Are Taught*” – Read pages 111 – 130

**HOMEWORK ASSIGNMENT #3 Due no later than 5PM on Oct 27th via email (see how to submit homework assignments on page 1 of syllabus)**

Answer questions 15a and 15d on page 131.

**Session #10 – Nov 4th**

Lesson #5 – Chapter 5 – “*Making the Learning Process Work for You*” – Read pages 133 – 158

**Session #11 – Nov 11th**

Lesson #6 – Chapter 6 – “*Personal Growth and Student Development*” – Read pages 161 – 206

**Session #12 – Nov 18th**

**\* (Sec 008 early release 4:45pm only for MA 113/MA 114 Common Exam)**

**\* (Sec 009 no class only for MA 113/114 Common Exam)**

Lesson #7 – Chapter 7 – “*Broadening Your Education*” – Read pages 211 – 242

**HOMEWORK ASSIGNMENT #4 Due no later than 5PM on Nov 17<sup>th</sup> via email (see how to submit homework assignments on page 1 of syllabus)**

Answer questions 18 and 30 (pages 243/245, \* for question #30 list only 5 features, rank them and ask only one person \*).

**Session #13 – Nov 25th**

Effective Communication Skills (Verbal, Written and Electronic) as a Professional UK College of Engineering Student

**Session #14 – Dec 2nd**

Lesson #8 – Chapter 8 “*Orientation to Engineering Education*” - Read pages 246 –

273

**HOMEWORK ASSIGNMENT # 5 Due no later than 5PM on Dec 1<sup>st</sup> via email  
(see how to submit homework assignments on page 1 of syllabus)**

Answer question 10c, e, g, and h. Also answer question 11 on page 274 – 275.

**Session #15 – Dec 9th**

**NO CLASS – STUDY FOR FINALS**

**General Course Information**

- Full and accurate title of the course
- Departmental and college prefix
- Course prefix, number and section number
- Scheduled meeting day(s), time and place

**Instructor Contact Information** (if specific details are unknown, "TBA" is acceptable for one or more fields)

- Instructor name
- Contact information for teaching/graduate assistant, etc.
- Preferred method for reaching instructor
- Office phone number
- Office address
- UK email address
- Times of regularly scheduled office hours and if prior appointment is required

**Course Description**

- Reasonably detailed overview of the course (course description should match on syllabus and eCATS form)
- Prerequisites, if any (should match on syllabus and eCATS form)
- Student learning outcomes
- Course goals/objectives
- Required materials (textbook, lab materials, etc.)
- Outline of the content, which must conform to the Bulletin description
- Summary description of the components that contribute to the determination of course grade
- Tentative course schedule that clarifies topics, specifies assignment due dates, examination date(s)
- Final examination information: date, time, duration and location
- For 100-, 200-, 300-, 400-, 400G- and 500-level courses, numerical grading scale and relationship to letter grades for undergraduate students
- For 400G-, 500-, 600- and 700-level courses, numerical grading scale and relationship to letter grades for graduate students. (Graduate students cannot receive a "D" grade.)
- Relative value given to each activity in the calculation of course grades (Midterm=30%; Term Project=20%, etc.)
- Note that undergraduate students will be provided with a Midterm Evaluation (by the midterm date) of course performance based on criteria in syllabus
- Policy on academic accommodations due to disability. Standard language is below:

If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email address [jkarnes@email.uky.edu](mailto:jkarnes@email.uky.edu)) for coordination of campus disability services available to students with disabilities.

**Course Policies**

- Attendance
- Excused absences
- Make-up opportunities
- Verification of absences
- Submission of assignments
- Academic integrity, cheating & plagiarism
- Classroom behavior, decorum and civility
- Professional preparations
- Group work & student collaboration

<p><b>UGE Review</b> (      )</p> <p>Prerequisite should also be listed on the eCATS form</p> <p>Define pass/fail grades</p> <p>Add make-up policy for students with excused absences</p>
<p><b>Committee Review</b> (      )</p> <p>Comments</p>