

Course name	ECE 21000 Sophomore Seminar
Credit and contact hours	(1 cr.) Class 1
Course coordinator's name	Brian King
Textbook	No text required
Course information	<p>2018-19 IUPUI Campus Bulletin description: A lecture series on ECE Department curriculum-related topics, electrical and computer engineering systems, skills, and career topics.</p> <p>Prerequisites/ Co-Requisite Co-requisite is ECE 20100.</p> <p>Required, Elective, or Selected Elective: EE Required, CE Required</p>
Goals for the course	<p>Upon successful completion of the course, students should be able to</p> <ol style="list-style-type: none"> 1. Describe interviewing skills. [4] 2. Describe organization and team structures. [4] 3. Describe topics related to professional and personal management. [4] 4. Describe opportunities in graduate school. [4, 7] 5. Describe career opportunities in technical areas covered by speakers. [4, 7] 6. Describe non-typical jobs for ECEs. [4] 7. Describe importance of life-long learning [7] 8. Describe leadership, innovation, and entrepreneurship in engineering. [4]
List of topics to be covered	<ol style="list-style-type: none"> 1. BSEE and BSCmpE degree requirements, and creating a personal plan of study; academic honesty, plagiarism. 2. In-class essay assignment on a simple technical topic. Those who do not receive a passing grade receive tutoring and redo the assignment. 3. Resume writing, cover letter writing, and interviewing 4. Using career centers for job searches 5. Going to graduate school 6. ECE jobs 7. ECE jobs - being a consultant 8. Entrepreneurship 9. Group dynamics, including a group exercise moderated by OLS faculty 10. Thriving in the workplace environment. 11. ECE jobs 12. Agile software methods 13. Oral presentation skills for engineers 14. ECE jobs
Syllabi approved by	Brian King
Date of approval	04/22/2019