

**College of Engineering & Computer Science  
Florida Atlantic University  
Course Syllabus**

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| <b>1. Course title/number, number of credit hours</b>   |  |
| Engineering Honors Seminar<br>EGN4933   | 0 Credit Hour  |
| <b>2. Course prerequisites, corequisites, and where the course fits in the program of study</b>   |  |
| Registration Control: Admission to Engineering Honors Program   |  |
| <b>3. Course logistics</b>  |  |
| Term: Fall 2020   |  |
| Class location and time: Monday 3:00-4:00 PM Engineering East 303C  |  |
| <ol style="list-style-type: none"> <li>1. Class meets in person once every two weeks</li> <li>2. Students must access Canvas for course announcements and other related material.</li> <li>3. Communication with the instructor(s) must be conducted via email using the students FAU email account.</li> <li>4. Active participation in all classroom discussions is the primary requirement for this course.</li> </ol> |  |
| <b>4. Instructor contact information</b>  |  |
| <i>Instructors' name</i>  | Dr. Homayoon Abtahi                      Dr. Frederick Bloetscher  |
| <i>Office address</i>   | Eng West (Bldg 36), Room 109              EE308M   |
| <i>Office Hours</i>   | T-Th 12:30-1:30 Th 4:00-5:00              W 7-9 IS 103   |
| <i>Contact telephone number</i>   | (561) 297-3425                                      239-250-2423   |
| <i>Email address</i>  | abtahi@fau.edu                                      fbloetsc@fau.edu   |
| <b>5. TA contact information</b>  |  |
| <i>TA's name</i>  | N/A  |
| <i>Office address</i>   |  |
| <i>Office Hours</i>   |  |
| <i>Contact telephone number</i>   |  |
| <i>Email address</i>  |  |
| <b>6. Course description</b>  |  |
| A seminar in the Engineering Honors Program on topics related to leadership, research, entrepreneurship, and innovation. Students may enroll in this course up to five times  |  |
| <b>7. Course objectives/student learning outcomes/program outcomes</b>  |  |
| <i>Course objectives</i>  | <ol style="list-style-type: none"> <li>I. Introduce Engineering Honors students to several important topics and issues that they are likely to encounter once they graduate. Topics include leadership, research, entrepreneurship, and innovation.</li> <li>II. Develop Engineering Honors student's communication and presentation skills</li> </ol> |
| <i>Student learning outcomes &amp; relationship to program/ ABET outcomes 1-7</i>   | <ol style="list-style-type: none"> <li>A. An ability to understand key concepts related to leadership, research, entrepreneurship, and innovation (1,4,7)</li> <li>B. An ability to communicate effectively to a diverse audience (3)</li> </ol>   |
| <b>8. Course evaluation method</b>  |  |
| Active Class Participation  | 100 %  |
| <b>9. Course grading scale</b>  |  |

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Satisfactory/Unsatisfactory

**10. Policy on reading material, cases studies, and excused absence**

Several *notes and articles* from Harvard Business Publications will be assigned throughout the semester. It will be the responsibility of each student to thoroughly read the assigned reading material and come to class prepared to discuss them. Three *cases studies* will be actively discussed and one on-line *simulation* will be conducted during class.

*Excused Absence:* Students have the right to reasonable accommodations to participate in University approved activities, including athletic, scholastic, performance and debate activities. It is the student's responsibility to notify the instructor at least one week prior to the University-related activity. Other excused absences that preclude participation in class include an illness or injury (*as properly documented by a health care provider*), or a hardship that is extraordinary as determined by the instructor. When in doubt as to the severity of the hardship, and if possible to do beforehand, please seek approval by email prior to missing class. Confirmation in this way ensures there will be no doubts or confusion as to whether or not the absence will be considered excused.

**11. Special course requirements**

**Honors Note of Distinction.** This course differs substantially from a non-Honors course because expectations from students will be much more demanding when discussing case studies and participating in the on-line simulations conducted in class. Students in this course will learn about leadership, research entrepreneurship, and innovation, which are not required from non-honors students.

**12. Classroom etiquette policy**

University policy requires that in order to enhance and maintain a productive atmosphere for education, personal communication devices are to be disabled during class. Recording and camera features of your cell phone are not to be used for any reason during class. As a courtesy to your fellow classmates, you are requested to be in your seat no later than 10 minutes after the class has begun, and to not leave until the class has ended. If you must arrive within this 10 minute grace period or leave before class ends, please sit near an exit in order to minimize disruptions. Although class role will not be taken, you are expected to attend all lectures.

**13. Attendance policy statement**

Students are expected to attend all of their scheduled University classes and to satisfy all academic objectives as outlined by the instructor. The effect of absences upon grades is determined by the instructor, and the University reserves the right to deal at any time with individual cases of non-attendance. The policy of this class is more than 3 unexcused absences will result in lowering the final course grade by one full letter grade.

Students are responsible for arranging to make up work missed because of legitimate class absence, such as illness, family emergencies, military obligation, court-imposed legal obligations or participation in University-approved activities. Examples of University-approved reasons for absences include participating on an athletic or scholastic team, musical and theatrical performances and debate activities. It is the student's responsibility to give the instructor notice prior to any anticipated absences and within a reasonable amount of time after an unanticipated absence, ordinarily by the next scheduled class meeting. Instructors must allow each student who is absent for a University-approved reason the opportunity to make up work missed without any reduction in the student's final course grade as a direct result of such absence.

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| <b>14. Disability policy statement</b>   |  |
| In compliance with the Americans with Disabilities Act Amendments Act (ADAAA), students who require reasonable accommodations due to a disability to properly execute coursework must register with Student Accessibility Services (SAS) and follow all SAS procedures. SAS has offices across three of FAU's campuses – Boca Raton, Davie and Jupiter – however disability services are available for students on all campuses. For more information, please visit the SAS website at <a href="http://www.fau.edu/sas/">www.fau.edu/sas/</a>  |  |
| <b>15. Counseling and Psychological Services (CAPS) Center</b>   |  |
| Life as a university student can be challenging physically, mentally and emotionally. Students who find stress negatively affecting their ability to achieve academic or personal goals may wish to consider utilizing FAU's Counseling and Psychological Services (CAPS) Center. CAPS provides FAU students a range of services – individual counseling, support meetings, and psychiatric services, to name a few – offered to help improve and maintain emotional well-being. For more information, go to <a href="http://www.fau.edu/counseling/">http://www.fau.edu/counseling/</a>   |  |
| <b>16. Code of Academic Integrity policy statement</b>   |  |
| Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the university mission to provide a high quality education in which no student enjoys unfair advantage over any other. Academic dishonesty is also destructive of the university community, which is grounded in a system of mutual trust and place high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. See University Regulation 4.001 at <a href="http://www.fau.edu/regulations/chapter4/4.001_Code_of_Academic_Integrity.pdf">www.fau.edu/regulations/chapter4/4.001_Code_of_Academic_Integrity.pdf</a> |  |
| <b>17. Required texts/reading</b>  |  |
| None   |  |
| <b>18. Supplementary/recommended readings</b>  |  |
| All notes, articles, and case studies will be posted on Canvas.  |  |
| <b>19. Course topical outline</b>  |  |
| <b>Week 1</b>  | Orientation, Introductions, Discussion of Course Topics and Expectations                         |
| <b>Week 3</b>  | Student Club Presentations, Engineering Student Council  |
| <b>Week 5</b>  | Undergraduate Research and Inquiry Student Opportunities, College Undergraduate Research Mentor  |
| <b>Week 7</b>  | Senior Cohort Showcase   |
| <b>Week 9</b>  | Attend/Participate Office of Undergraduate Research and Inquiry Undergraduate Research Symposium |
| <b>Week 11</b>   | Professional Internships Expectations, Combined BS/MS Programs                                   |
| <b>Week 13</b>   | Junior Cohort Showcase   |
| <b>Week 15</b>   | Senior Cohort 3MT Undergraduate Division   |