EGR 201 - Seminar in Naval Science and Technology

Instructors

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Graduate Assistant

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Class Day/Time: Tuesdays, 5 PM

Classroom: First meeting in Kirk Aud., remainder at 170 Pharmacy Building (Avedisian Hall)

Course Description

Invited outside speakers, faculty and students present and discuss selected topics related to naval science and technology (Seminar).

Course Goals

- To provide introduction to a variety of technology areas of interest to the U.S. Navy
- To foster development of a community of students, faculty and regional Navy stakeholders
- To create awareness of Navy-related career opportunities for engineering students.

Student Learning Outcomes

Upon successful completion of this course, each student will be able to:

- Identify technology areas that align with each student’s interests, engineering major and career goals.
- Establish connections with engineers and scientists from local Navy contractors and the Naval Undersea Warfare Center.
- Develop a plan for pursuing Navy-related engineering careers.
- Make connections between undergraduate coursework and Navy technologies.
- Make an informed decision regarding pursuit of graduate study.
Course Requirements

- Attendance is required (up to two excused absences are allowed). Be sure to sign the attendance sheet.
- Journal Entries – One journal entry per seminar beginning 2/5/18 submitted on Sakai, due by the following Sunday. Each journal entry consists of 3 short statements (one or two sentences) summarizing most important concepts from the seminar.
- Final Exam – Open notes, multiple choice exam focusing on important concepts from each seminar and student journal entries
- Grading – 50% journal entries and 50% final exam

While not required, students are strongly encouraged to participate in “Navy Crew” activities, field trips, etc.

Classroom Protocol

Students are expected to observe the following:

- Arrive on time and stay for the entire seminar
- Silence or turn off electronic devices (cell phones, tablets, laptops)
- Do not bring food or drink to class (water bottles are OK)
- Contribute to the class discussion when appropriate
- Avoid side conversations
- Be attentive
- Be respectful if speaker’s talk extends beyond scheduled class time

Accommodations for Special Needs

Any student with a documented disability is welcomed to request accommodations. If you have any such requests, please contact one of us as soon as possible. For more information, please contact the Disability Services for Student Office at 874-2098 or visit their web site at www.uri.edu/disability_services.
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Speaker Schedule

Time: Tuesdays at 5 PM,
Location: First meeting in Kirk Aud., remainder at 170 Pharmacy Building (Avedisian Hall)

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<thead>
<tr>
<th>Date</th>
<th>Speaker</th>
<th>Speaker Location</th>
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<tr>
<td>1/29/19</td>
<td>Course Introduction (Kirk Auditorium)</td>
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<tr>
<td>2/5/19</td>
<td>Michael Zuba Scientist, Raytheon BBN</td>
<td>UConn</td>
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<tr>
<td>2/12/19</td>
<td>Lora Van Uffelen Assistant Professor, URI Ocean Engineering</td>
<td>URI</td>
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<td>2/19/19</td>
<td>Will Schramm President/Co-Founder, PVI Systems</td>
<td>UConn</td>
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<tr>
<td>2/26/19</td>
<td>John Carcone Principal Engineer, Raytheon Polar Services</td>
<td>URI</td>
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<td>3/5/19</td>
<td>David Markert Progeny</td>
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<td>3/12/19</td>
<td><strong>Spring Break</strong></td>
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<td>3/19/19</td>
<td>Sam Russo COO, Dive Technologies</td>
<td>URI</td>
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<td>3/26/19</td>
<td>Carlos Galliano Director of Programs, NUWC</td>
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<td>4/2/19</td>
<td>Sean Sullivan CTO, Design Automation Associates</td>
<td>UConn</td>
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<td>4/9/19</td>
<td>Danh Pham, Director of Engineering Peter Blume, President Bloomy Controls</td>
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<td>4/16/19</td>
<td>UConn Capstone Projects</td>
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<td>4/23/19</td>
<td>URI Capstone Projects</td>
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<tr>
<td>4/30/19</td>
<td>Eric Irwin Warfare Analysis Program Lead, Electric Boat</td>
<td>URI</td>
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Acknowledgement

This seminar series has been developed as part of the "Southeast New England STEM Coalition," funded by the Office of Naval Research. Credits earned in this course may be applied to the academic program, “Concentration in Naval Science and Engineering.” For details, see: https://web.uri.edu/naval-science-technology/.