Sonoma State University
Engineering Industry Advisory Board Meeting

May 3, 2019
2 - 5 PM
## Department of Engineering Science
### Agenda

<table>
<thead>
<tr>
<th>Estimated Time</th>
<th>Item</th>
<th>Who</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 min</td>
<td>Welcome/Introductions</td>
<td>Farahmand</td>
<td>Welcome notes</td>
</tr>
<tr>
<td>20 min</td>
<td>Updates</td>
<td>Sudhir</td>
<td>senior design projects / Master’s project presentations / Student feedback (EE Club &amp; SWE)</td>
</tr>
<tr>
<td>10 min</td>
<td>Fall Enrollment / Graduation</td>
<td>Kassis</td>
<td>Enrollment stats</td>
</tr>
<tr>
<td>10 min</td>
<td>Summer Internships for Students / Engineering Summer Camp</td>
<td>Farahmand</td>
<td>Summer Camp Supported by Keysight</td>
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<tr>
<td>10 min</td>
<td>Laboratory rearrangements for Fall</td>
<td>Shahram</td>
<td>Changing 2005 / Funding</td>
</tr>
<tr>
<td>20 min</td>
<td>PEO Review</td>
<td>Farahmand</td>
<td>Review of existing PEOs</td>
</tr>
<tr>
<td>10 min</td>
<td>Student Accomplishments</td>
<td>Salem</td>
<td>Recent accomplishments by EE students</td>
</tr>
<tr>
<td>20 min</td>
<td>ABET accreditation status</td>
<td>Shrestha</td>
<td>Update</td>
</tr>
<tr>
<td>15 min</td>
<td>Wrap-up / Feedback</td>
<td>Farahmand</td>
<td>Next step / suggestions?</td>
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**Next meeting:** May 2020
Introductions
IAB Members
ES Faculty & Staff
Members of the Public
Department of Engineering Science
BS Electrical Engineering
MS Computer & Engineering Science

IAB Members & Faculty

- Chris Stewart
- Robert Rowlands
- Casey White
- Shivakumar Mathapathi
- Salam Marougi
- Farid Farahmand
- Sudhir Shrestha
- Ali Kujoory
- Mohamed Salem
- Kate Lapp
- Ali Sara Kassis
- Loren Betts
- Saeid Rahimi
- Donald Estreich
- Shahram Marivani
Administration, Faculty & Staff

Administration
Dean Lynn Stauffer
Chair Farid Farahmand
Tenure Track
Sudhir Shrestha
Mohamed Salem

Adjunct Faculty
Don Estreich
Ali Kujoory
Chris Halle
Sara Kassis
Loren Betts, & Saeid Rahimi

Network Analyst & Adjunct
Shahram Marivani (MS EE)

Department Coordinator
Kate Lapp
Chair, Department of Engineering Science

Farid Farahmand

- Student Enrollment in Fall
  - Undergraduate
  - Graduate
- ABET Update
- Department Activities
- Laboratory Rearrangements
- Summer Engineering Camp – Supported by Keysight
Department of Engineering Science
BS Electrical Engineering
MS Computer & Engineering Science

Report

Department of Engineering Science

Sudhir Shrestha

• Student Accomplishments
• Graduation with Distinction
• Dean’s List
• GE Changes
• Senior design Projects
• Summer Research
• Summer Internship

IAB Meeting
Department of Engineering Science
BS Electrical Engineering
MS Computer & Engineering Science
Report

Department of Engineering Science

Mohamed Salem & Sara Kassis

• Engineering Club
• Master Projects
• Summer Courses
• SWE Activities
• IEEE Club
• Donations and Grants
Department of Engineering Science
BS Electrical Engineering
MS Computer & Engineering Science

Report

Department of Engineering Science

Questions?

IAB Meeting
Engineering Science Department Vision:
The Department seeks to provide a comprehensive and rigorous electrical engineering education to a diverse group of students, both domestic and international.

Engineering Science Department Mission:
The Department’s Mission is to:
- impart quality education through effective curriculum and excellent teaching practices.
- promote innovation through projects, hands-on activities, and scholarly works.
- provide supportive mentoring and guidance to our students through teaching, research and advising.
- prepare our graduates for life-long learning to meet intellectual, ethical and career challenges.
The PEOs are to **produce BSEE graduates who** (within 3-5 years of graduation) can:

<table>
<thead>
<tr>
<th>PEO#1</th>
<th>Design: Design creative solutions to electrical engineering problems.</th>
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<tbody>
<tr>
<td>PEO#2</td>
<td>Ethics: Demonstrate professional ethics.</td>
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<tr>
<td>PEO#3</td>
<td>Communicate and Contribute: Connect to their community and contribute to society.</td>
</tr>
<tr>
<td>PEO#4</td>
<td>Lifelong Learning: Value lifelong learning and self-improvement as demonstrated by taking part in professional development opportunities.</td>
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<tr>
<td>PEO#5</td>
<td>Team Building: Lead and build teams.</td>
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# PEOs & Their Alignment with University Vision

<table>
<thead>
<tr>
<th>BSEE PEOs – Our graduates can</th>
<th>Alignment with SSU’s strategic priorities³</th>
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<tbody>
<tr>
<td><strong>PEO#1:</strong> Design creative solutions to electrical engineering problems.</td>
<td>“Sonoma State has high-quality, innovative academic programs that prepare students to flourish in a changing workforce and world.”</td>
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<td><strong>PEO#2:</strong> Demonstrate professional ethics.</td>
<td>“Guided by our core values and driven by a commitment to the sciences, Sonoma State University delivers high-quality.”</td>
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<td><strong>PEO#3:</strong> Connect to their community and contribute to society.</td>
<td>“Sonoma State is a regionally serving public university committed to educational access and excellence, and prepares the next generation of leaders by providing students with opportunities to learn the knowledge and skills needed to build a better society both locally and globally.”</td>
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<td><strong>PEO#4:</strong> Value lifelong learning and self-improvement as demonstrated by taking part in professional development opportunities.</td>
<td>“Sonoma State prepares students to succeed in the workforce and to embrace lifelong learning.”</td>
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<td><strong>PEO#5:</strong> Lead and build teams.</td>
<td>“Sonoma State faculty and staff help students gain the leadership skills needed to bring innovative solutions to the challenges of the 21st century.”</td>
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PEOs Revision Process

IAB Meeting