

# MSOE CE Industry Advisory Committee

## Meeting Agenda

### Friday, May 24, 2019

8:30 AM	<p>Welcome and Introductions (Jeff Zingsheim, Chair)</p> <ul style="list-style-type: none"> <li>• Approval of previous (10/12/2018) minutes</li> <li>• Update on program (Darrin Rothe) <ul style="list-style-type: none"> <li>○ Student statistics: graduation, retention, fall enrollment</li> <li>○ Student exchange updates</li> </ul> </li> <li>• Membership updates</li> </ul>
9:00 AM	<ul style="list-style-type: none"> <li>• Recent <ul style="list-style-type: none"> <li>○ Op Computer Competition: another record – 67 teams (11/16/2018)</li> <li>○ Open Houses (10/20/18, 4/27/19)</li> <li>○ Accepted Student Days (numerous dates)</li> <li>○ Rockwell Collins-sponsored EECS Student Event (12/4/18) and Tour (12/7/18)</li> <li>○ JCI-sponsored CE Student Event (3/18/19) ~ 80 students + sponsor, faculty, alumni</li> <li>○ Czech exchange info meeting for CE/AE/CM students (4/1/19)</li> </ul> </li> <li>• Upcoming <ul style="list-style-type: none"> <li>○ Open Houses (7/13/19, + fall dates)</li> <li>○ Diercks Hall Grand Opening (9/13/19)</li> <li>○ CE Student Event (tentative 9/17/19), no sponsor</li> <li>○ Career Fair (9/26-27/2019)</li> <li>○ IEEEExtreme 13.0 Competition (10/18-19/2019)</li> <li>○ Fall IAC Meeting and Tour, Sharp Packaging (fall, 2019)</li> <li>○ Op Computer Competition (Friday, 11/22/19)</li> <li>○ Rockwell Collins-sponsored EECS Student Event (TBD)</li> </ul> </li> <li>• Ongoing <ul style="list-style-type: none"> <li>○ Senior project collaborations</li> <li>○ Interact with students? Work with IEEE, SSE?</li> <li>○ Invite CE (or other EECS) faculty to your site?</li> </ul> </li> </ul>
9:15 AM	<p>Student Feedback</p> <ul style="list-style-type: none"> <li>• Senior Survey 2019</li> <li>• Student member feedback</li> </ul>
9:30 AM	Break
9:45 AM	<p>Curriculum Topics</p> <ul style="list-style-type: none"> <li>• Core Curriculum <ul style="list-style-type: none"> <li>○ Now have all four years in new 4×4-format curriculum; new networking courses ran, including required, updated CS4920</li> <li>○ Minor revision, now at v4.3. Calc III and Calc IV revised. Changed CS3210 pre-req. Reworded elective language.</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>▪ Review track and flowchart</li> <li>• Technical electives this year: <ul style="list-style-type: none"> <li>○ Fall: CS3860 (Databases, Dr. Urbain), CS4981 (Data Science, Dr. Urbain), SE4910 (Mobile App Development, Dr. Riley)</li> <li>○ Winter: CE498 (Fault-tolerant Design, Dr. Meier), CS4850 (Machine Learning, Dr. Urbain), CS498 (Entrepreneurship in Computing/Engineering, Dr. Dennis), EE484 (Neural Networks, Dr. Ross)</li> <li>○ Spring: CE4100 (Embedded System Fabrication, Dr. Rothe), EE423 (DSP Applications, Dr. Prust), SE4940 Network Security Tools and Practices (Dr. Schilling)</li> </ul> </li> <li>• Technical electives next year: <ul style="list-style-type: none"> <li>○ CE4100 Embedded System Fabrication</li> <li>○ CS4981 Introduction to Data Science</li> <li>○ CS4850 Machine Learning</li> <li>○ CE4930 Computer Architecture II</li> <li>○ SE3830 Human Computer Interaction</li> <li>○ EE4930 Advanced Embedded Systems</li> <li>○ CE4800 Advanced Digital Design</li> <li>○ Others...</li> </ul> </li> </ul>
10:15 AM	<p>General Discussion</p> <ul style="list-style-type: none"> <li>• Student representative comments and input</li> <li>• Industry representative comments and input</li> </ul>
10:45 AM	<p>Meeting Wrap-up</p> <ul style="list-style-type: none"> <li>• Agenda items for the next IAC meeting</li> <li>• Action items</li> </ul>
11:00 AM	Adjourn to Senior Design Show