**Supplemental Information for Audio Engineering Technology (AUET) Fall 2017 Plan of Study**

**ECET Selectives** (3 hours): The ECET Selective can be selected from one of the following courses. Please note that not all ECET Selectives are offered every year.

<table>
<thead>
<tr>
<th>Communications</th>
<th>Smart Living</th>
<th>Smart Mobility</th>
<th>Study Abroad/Professional Practice</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECET 36400 Fundamentals of Electromagnetics</td>
<td>ECET 31100 Elec Syst &amp; Signals in Healthcare</td>
<td>ECET 43600 Elec Power Tran Distr &amp; Smart Control</td>
<td>ECET 49900 Sustainable Energy Technologies</td>
</tr>
<tr>
<td>ECET 44400 Wireless Systems: Design &amp; Meas</td>
<td>ECET 32100 Introduction to Nanotechnology</td>
<td>ECET 42301 Elec Vehicle Integr/Fabrication</td>
<td>ECET Co-op Sessions 4 and 5</td>
</tr>
<tr>
<td><strong>Computer/Digital</strong></td>
<td><strong>Smart Environment</strong></td>
<td><strong>Study Abroad/Professional Practice</strong></td>
<td><strong>Education Abroad/Professional Practice</strong></td>
</tr>
<tr>
<td>ECET 32900 Adv Embedded Digital Systems</td>
<td>ECET 30201 Introduction to Industrial Controls</td>
<td>ECET 43000 Product/Project Management</td>
<td><strong>Education Abroad/Professional Practice</strong></td>
</tr>
<tr>
<td>ECET 33500 Computer Arch &amp; Perform Eval</td>
<td>ECET 32700 Instrumentation and DAQ Design</td>
<td>ECET 46100 International Capstone Plan</td>
<td><strong>Education Abroad/Professional Practice</strong></td>
</tr>
<tr>
<td>ECET 34900 Advanced Digital Systems</td>
<td>ECET 37201 Continuous Control Electronics</td>
<td>ECET 46000 Project Design and Development</td>
<td><strong>Education Abroad/Professional Practice</strong></td>
</tr>
<tr>
<td>ECET 35901 Computer Based DAQ Applications</td>
<td>ECET 38600 Bidg Elec Codes &amp; Std Practices</td>
<td>ECET Co-op Sessions 4 and 5</td>
<td><strong>Education Abroad/Professional Practice</strong></td>
</tr>
<tr>
<td>ECET 43900 Advanced Digital Signal Processing</td>
<td><strong>Study Abroad/Professional Practice</strong></td>
<td><strong>Education Abroad/Professional Practice</strong></td>
<td><strong>Education Abroad/Professional Practice</strong></td>
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</table>

**ECET Senior Capstone Selectives I and II** (6 hours): Select one pair of Senior Capstone Selectives I and II:
- **ECET 43000 Product/Project Management** and **ECET 46000 Project Design and Development**
- **ECET 43100 International Capstone Plan** and **ECET 46100 International Capstone Project Execution**

**Communications Selective** (6 hours): Must complete at least one course from each category (oral communication and written communication).
- **Written communication** (3 hours): ENGL 20500 Creative Writing; ENGL 30400 Advanced Comp; ENGL 42000 Business Writing; ENGL 42100 Technical Writing
- **Oral communication** (3 hours): Any communications (COM) course at the 200 level or higher.

**Business Selective and General Education Selective**: Either the Business Selective or the General Education Selective must be selected from the UCC approved list of courses for Human Culture: Behavior/Social Sciences (http://www.purdue.edu/provost/initiatives/curriculum/course.html).

**Business Selective** (3 hours): Select one of the following (courses that satisfy the UCC Human Cultures Behavior/Social Sciences (BSS) requirement are marked BSS):
- Any Agricultural Economics course (AGEC) at the 200-level or higher: AGEC 20000 or higher.
- Any Economics (ECON) course at the 200-level or higher: ECON 20000 or higher.
- Any Entrepreneurship (ENTR) course at the 200-level or higher: ENTR 20000 or higher.
- Any Management (MGMT) course at the 200-level or higher: MGMT 20000 or higher.
- **Or select one of the following courses:**
  - AGEC 20300 Intro Microecon for Food & Agribus (BSS)
  - AGER 20400 Resource Econ & Environ Pol (BSS)
  - AGEC 21700 Economics (BSS)
  - AGEC 25000 Econ Geography of World Food and Resources (BSS)
  - ECON 21000 Principles of Economics (BSS)
  - ECON 25100 Microeconomics (BSS)
  - ECON 25200 Macroeconomics (BSS)
  - CSR 34200 Personal Finance
  - IT 10400 Industrial Organizations
  - IT 23000 Industrial Supply Chain Mgmt
  - IT 33000 Industrial Sales & Sales Mgmt
  - IT 33200 Purchasing, Inventory & Warehouse
  - OLS 25200 Human Relations in Org
  - OLS 27400 Applied Leadership
  - OLS 28400 Leadership Principles
  - OLS 32500 Meeting Management
  - TLI 11100 Gateway to TLI
  - TLI 11200 Foundations of Org Leadership
  - TLI 21300 Project Management
  - TLI 25200 Business Prin for Org Leadership
  - TLI 21400 Ind. Supply Chain Mgmt Tech
  - TLI 34200 Warehouse and Inventory Mgmt
  - TLI 34300 Technical and Service Selling
  - TLI 34250 Purchasing and Contract Mgmt

**General Education Selectives** (3 hours). The General Education Selective must be selected from the following subject areas (disciplines):

- African American Studies (AAS)
- Communication (COM)
- Political Science (POL)
- Art and Design (AD)
- English (ENGL)
- Psychology (PSY)
- American Studies (AMST)
- Foreign Languages (except for courses in a student’s native language)
- Religious Studies (REL)
- Anthropology (ANTH)
- History (HIST)
- Sociology (SOC)
- Asian American Studies (ASAM)
- Interdisciplinary Studies (IDIS)
- Theater (THTR)
- American Sign Language (ASL)
- Linguistics (LING)
- Women’s Studies (WGSS)
- Bands (BAND)
- Music History and Theory (MUS)
- ROTC (AFT, MILT, NS)
- Classics (CLCS)
- Philosophy (PHIL)
- Comparative Literature (CMPL)
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**Advanced Theater Sound Selective**: Choose from:
- ECET 34900 Advanced Digital Systems
- THTR 36300 Sound Design
- THTR 56300 Advanced Sound Design
- THTR 56900 Special Problems in Audio Production
- THTR 59700 Production and Design Seminar

**Minors**: Minors are offered through a variety of disciplines. The discipline offering the minor establishes the requirements. A minor is not required.

**Theater Design and Production Minor**: Students who complete the AUET major with 1-4 additional credit hours of THTR/DANC courses may be eligible for the Theater Design and Production Minor. At a minimum, the minor requires an additional credit hour of THTR/DANC 36800 (which can be used to satisfy the Free Elective); at least 50% of the courses for the minor must be taken at Purdue University and GPA requirements must be met.

**Upper-level courses**: At least 32 hours of upper level (300 level or higher) must be completed at Purdue University; ECET Senior Capstone Selectives I and II and at least 12 hours of ECET Selectives must be completed at the Purdue University location conferring the degree.
Completing the Global/Intercultural Requirement: All students must complete the School of Engineering Technology (Polytechnic) Growth Plan for Global Awareness and Intercultural Competency at the Developmental Level (see below). Students who are interested in further developing their Global Awareness and Intercultural Competency are encouraged to complete the requirement at the Emerging Level or the Proficient Level (see advisor for more information).

School of Engineering Technology (Polytechnic) Growth Plan for Global Awareness & Intercultural Competency

<table>
<thead>
<tr>
<th>Intercultural Growth Plan</th>
<th>Developmental Level Competency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assessment</td>
<td>_Complete the Pre- and Post-Intercultural Development Inventory Assessments (1st year and 4th year)</td>
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<tr>
<td></td>
<td>_Complete the pre- and post- BEVI (1st and 4th years)</td>
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<tr>
<td></td>
<td>_Complete one of the following Intercultural Knowledge and Effectiveness components below: (This list will be reviewed and updated each year)</td>
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<tr>
<td></td>
<td>• Crosswalk Commons (residential living Experience for a minimum of one semester)</td>
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<tr>
<td></td>
<td>• Serve as a BGRI Program leader</td>
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<td></td>
<td>• PUPIL (Purdue University Passport to Intercultural Learning) (Obtain at least two badges)</td>
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<tr>
<td></td>
<td>• Participate in two (2) Boiler Out Program Activities</td>
</tr>
<tr>
<td></td>
<td>• Participate in Host-a-Boiler</td>
</tr>
</tbody>
</table>

Completing the Professional Experience Requirement: All students must complete an acceptable professional experience. The SOET Professional Experience requirement is intended to document those experiences which help expose SOET students to the expectations of their profession prior to graduation. This may occur through industrial experience, technical or administrative involvement with community service, military service, or by other possible means. Approval is automatic for certain experiences, while additional experiences may also satisfy this graduation requirement with advisor or faculty approval (see below). Requests for faculty approval must be submitted to the SOET Curriculum Subcommittee Chair for consideration, allowing at least four academic weeks for review and response.

Potential Professional Experiences

<table>
<thead>
<tr>
<th>Approval Process</th>
<th>Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic</td>
<td>Any TECH Professional Practice course (co-op, intern, etc.)</td>
</tr>
<tr>
<td>Automatic</td>
<td>MET 29900 Internship for Credit</td>
</tr>
<tr>
<td>Automatic</td>
<td>Industry-sponsored Senior Capstone</td>
</tr>
<tr>
<td>Automatic</td>
<td>EPICS courses, minimum of two</td>
</tr>
<tr>
<td>Automatic</td>
<td>Lab Assistant (satisfactory completion of a minimum of one lab division for one term; e.g., ECET 29900 or MET 39200)</td>
</tr>
<tr>
<td>Advisor</td>
<td>Any approved internship (assuming student and/or employer provide documentation)</td>
</tr>
<tr>
<td>Advisor</td>
<td>Military service (ROTC, reservist, active duty, veteran)</td>
</tr>
<tr>
<td>Faculty</td>
<td>Other undergraduate research experiences (e.g., employed in the AEL as lab technician)</td>
</tr>
<tr>
<td>Faculty</td>
<td>Independent study – by petition to ensure the project meets the spirit of the requirement</td>
</tr>
<tr>
<td>Faculty</td>
<td>Professional society/club activities (e.g., led the Solar Racing team) - by petition</td>
</tr>
<tr>
<td>Faculty</td>
<td>Any approved employment</td>
</tr>
</tbody>
</table>

Approval Key:

- Automatic – student participation in this professional experience is already documented through existing means.
- Advisor – advisor reviews student’s experience to determine if it meets the spirit of the Professional Experience requirement.
- Faculty – designated committee reviews student’s experience to determine if it meets the spirit of the Professional Experience requirement.

Updated 03/31/2017