BE/ME Information Session

14 October 2013

School of Information Technology & Electrical Engineering
Outline

- BE/ME Overview
- Eligibility and application process
- Study Plans
- Study Abroad
- Questions/feedback
Engineering Curriculum Review

- Initiated by Executive Dean in late 2009
- Final Report October 2010
- Many recommendations, including
  - Creation of 5 year integrated BE/ME
    - Provide greater depth
  - Maintain existing 4 year BE
  - More common first year
  - Change to honours calculation method
  - Removal of most minors
What is the Integrated BE / ME?

- 5-year program
  - Enter from BE or dual after year 3
- For honours-level students
  - GPA 5 or better
- Chance for a placement/research experience
- More advanced coursework
- Commonwealth (HECS/HELP) supported places
4 Year vs. 5 Year Programs

<table>
<thead>
<tr>
<th>Year 4</th>
<th>4 Year BE</th>
<th>5 Year Integrated BE/ME</th>
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<tbody>
<tr>
<td>Team Proj. II</td>
<td>Team Project II</td>
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<td>Thesis</td>
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<td>Discipline Courses</td>
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<td>#2 Prof. Practice</td>
<td>#2 Professional Practice</td>
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**Year 4**

- **Discipline Courses** (Compulsory + Elective)

**Year 5**

- #8 Research Project (e.g. overseas)
- #8 Industry Placement
- #6 Thesis/Project
- #2 Research Methods/Project/Mgmt/Sys Eng

**Discipline Courses** (Compulsory + Elective)
Why choose the BE/ME?

- **Greater depth of knowledge**
  - Advanced courses not available to BE students

- **Integrated project or placement**
  - Placement semester can be in
    - Industry
    - Overseas
    - Research Centre
  - May be preceded/followed by summer semester work
  - Research preparation
BE/ME Eligibility

- Must have completed #48 towards BE or BE dual
- Must have completed all compulsory courses listed under years 1,2,3 of your BE list
- Must have weighted GPA of 5.0 or better
  - Weighted by year level and #units
BE/ME Application Process

◆ Apply via mySI-net
  ● Program change request
    • Available after result release
    • Must apply by Friday before O’week
    • Sem 1, 2014: ~January to 21 February
    • Sem 2, 2014: ~9 July to 18 July

◆ EAIT Faculty office will check your eligibility and reply
BE/ME Honours

- Based on performance over all 5 years, weighted by:
  - year level of course
  - #units

\[
WGPA = \frac{\sum_{\text{All Courses}} \text{Grade} \times \text{Units} \times \text{Year Level}}{\sum_{\text{All Courses}} \text{Units} \times \text{Year Level}}
\]

- BE Honours Transition:
  - Pre-2012 students - best of both methods
  - 2012+ students – new method
Available Plans from 2014 (Year 4 entry)

- **Available ITEE plans:**
  - Electrical Engineering
  - Electrical & Biomedical Engineering
  - Electrical & Computer Engineering
  - Mechatronic Engineering (new in 2014)
  - Software Engineering

- Courses available will depend on demand
Possible Study Plans
Questions