<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Field / Program</th>
<th>2015-16 AY</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEE 5970</td>
<td>Risk Analysis and Management</td>
<td>Civil + Environmental Engineering</td>
<td>SP</td>
</tr>
<tr>
<td>CEE 5980</td>
<td>Introduction to Decision Analysis</td>
<td>Civil + Environmental Engineering</td>
<td>F</td>
</tr>
<tr>
<td>ECE 5830</td>
<td>Introduction to Technical Management (Note, this <em>cannot</em> be used as an ECE Core Course)</td>
<td>Electrical + Computer Engineering</td>
<td>F</td>
</tr>
</tbody>
</table>

### ECE MEng – Technically Oriented Course Suggestions

### All CEE 5000 Level + Higher Engineering and Management Courses, such as:

- CEE 5000 Level + Higher Engineering and Management Courses, such as:
- CEE 5970 Risk Analysis and Management
- CEE 5980 Introduction to Decision Analysis

### Electrical and Computer Engineering

- ECE 5830 Introduction to Technical Management (Note, this *cannot* be used as an ECE Core Course)

### All ORIE Financial Engineering Courses at the 4000 Level or Above

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### Johnson School “Core Courses” (NCC Prefix)

- NCC 5500 Financial Accounting
- NCC 5530 Marketing Management
- NCC 5540 Managing and Leading in Organizations
- NCC 5560 Managerial Finance
- NCC 5580 Managing Operations

### Johnson School Management Information Systems Courses:

- NBA 5070 Entrepreneurship for Scientists and Engineers
- NBA 5530 Accounting and Finance Analysis for Engineers
- NBA 5550 Fixed Income Securities and Interest Rate Options
- NBA 5640 Entrepreneurship and Business Ownership
- NBA 6010 Electronic Commerce
- NBA 6120 Disruptive Technologies
- NBA 6390 Data Driven Marketing
- NBA 6630 Managerial Decision Making
- NBA 6650 The Strategic Management of Technology and Innovation

### Mechanical and Aerospace Engineering

- MAE 4610 Entrepreneurship for Engineers

- Courses on this list *CANNOT* be used to satisfy ECE Core Course Requirements
- Not all Non-ECE Technically Oriented Course List Suggestions may be offered during the 2015-16 Academic Year
- Go here for all up to date Course Roster Info - [https://classes.cornell.edu/browse/roster/FA15/subject/ECE](https://classes.cornell.edu/browse/roster/FA15/subject/ECE)
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<td>AEP 4380</td>
<td>Computational Engineering Physics</td>
<td>Applied + Engineering Physics</td>
<td>F</td>
</tr>
<tr>
<td>AEP 6630</td>
<td>Nanobiotechnology</td>
<td>Applied + Engineering Physics</td>
<td>F</td>
</tr>
<tr>
<td>ASTRO 4431</td>
<td>Introduction to Astrophysics and Space Sciences</td>
<td>Astronomy</td>
<td>F</td>
</tr>
<tr>
<td>ASTRO 4445</td>
<td>Introduction to General Relativity</td>
<td>Astronomy</td>
<td>F</td>
</tr>
<tr>
<td>ASTRO 6570</td>
<td>Physics of the Planets</td>
<td>Astronomy</td>
<td>F</td>
</tr>
<tr>
<td>BEE 6590</td>
<td>Biosensors and Bioanalytical Techniques</td>
<td>Biological + Environmental Engineering</td>
<td>F</td>
</tr>
<tr>
<td>MAE 5010</td>
<td>Future Energy Systems</td>
<td>Mechanical + Aerospace Engineering</td>
<td>F</td>
</tr>
<tr>
<td>ORIE 4350</td>
<td>Introduction to Game Theory</td>
<td>Operations Research + Informational Engineering</td>
<td>SP</td>
</tr>
<tr>
<td>ORIE 5310</td>
<td>Optimization II</td>
<td>Operations Research + Informational Engineering</td>
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- Courses on this list **CANNOT** be used to satisfy ECE Core Course Requirements
- Not all Non-ECE Technically Oriented Course List Suggestions may be offered during the 2014-15 Academic Year
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**Please note the following regarding all Technically Oriented and Technical Elective Course Suggestions:**

- This is not an **exclusive** list. It is a **suggested** list to give you an idea of what you may use.
- Normally appropriate **Technical Courses** in Engineering, Math or the Physical Sciences that are at the **4000 Level** (or above) are considered acceptable to meet the ECE MEng Degree Requirements for Technically Oriented and Technical Elective Courses.
- You cannot use any **3000 Level** (or lower) courses towards your ECE MEng Degree Requirements as they are considered Undergraduate Level courses.
- If you are unsure or have any doubts, please check the ECE Student Services Office in 223 Phillips Hall.