January Intensive Term
2016-2017

What is J-Term (January Intensive Term)?

J-Term is an opportunity to explore introductory engineering courses offered in a special 11-day intensive format to encourage current liberal arts students to test their interests in engineering. For most attendees, this experience is their first exposure to St. Louis and to applied fields of study. The students study and live together, greatly enhancing the educational and social value of the experience. It is an opportunity to get a head-start at building connections and community before enrolling as Dual Degree engineering students.

Dates: December 26, 2016–January 7, 2017

» Monday, December 26, 2016 — Students should arrive by 5 pm.
» Tuesday, December 27, 2016 — Classes start and will be held daily including on New Year’s Day.
» Saturday, January 7, 2017 — Students will depart in the late afternoon.
» The schedule includes two days with no afternoon class.

Contact Information

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Engineering Student Services
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Engineering Student Services

(314) 935-6166
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engineering.wustl.edu/dualdegreejterm
Courses (choose one):

**Introduction to Electrical & Electronic Circuits; 3 units**


**Engineering Mechanics I; 3 units**

Foundational course for Mechanical Engineering. Study of mechanical structures that are stationary and not in motion. Rigid bodies or structures and how they maintain the equilibrium. The type forces acting on them; how to reduce the multiple forces into an equivalent force; analysis of trusses, frames and machines; how to find the center of an area are the key features of first half of the course. What happens to a structure internally while all different forces are acting on them. The stress, strain, strength, stiffness are some of the features would help you to understand different materials and determine how strong or stiff a structure is. Hands-on fun projects included.

**Eligibility**

Students must have a GPA of B+ (3.25/4.0) or better, both overall and in science and mathematics courses. Pre-requisite courses: Calculus III and calculus-based Physics which covers electromagnetism and optics.

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**Example Daily Schedule**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morning</td>
<td>Hot breakfast at hotel</td>
</tr>
<tr>
<td>8:30 am</td>
<td>Shuttle departs hotel for campus</td>
</tr>
<tr>
<td>9 am – 12:30 pm</td>
<td>Lecture</td>
</tr>
<tr>
<td>12:30 – 1:30 pm</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:30 – 5:30 pm</td>
<td>Lecture/problem solving session/</td>
</tr>
<tr>
<td></td>
<td>Teaching Assistant office hours</td>
</tr>
<tr>
<td>5:30 pm</td>
<td>Shuttle departs campus for hotel</td>
</tr>
<tr>
<td>5:30 – 7 pm</td>
<td>Hot dinner options at hotel</td>
</tr>
</tbody>
</table>

**Fees**

The $1,950 program fee covers tuition, textbook, hotel (double room ***), daily hot breakfast at hotel, and lunches on campus. Students should budget for travel to and from St. Louis, dinner, personal expenses and snacks.

<table>
<thead>
<tr>
<th>Component</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition</td>
<td>$6,120</td>
</tr>
<tr>
<td>Program Fees**</td>
<td>$1,400</td>
</tr>
<tr>
<td>Affiliation Discount*</td>
<td>- $570</td>
</tr>
<tr>
<td>Program Fee</td>
<td>$1,950</td>
</tr>
</tbody>
</table>

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**How to Register**

Send the following to the Dual Degree Program:

1. Registration form with Liaison Officer signature.  
   Download form: engineering.wustl.edu/dualdegreejterm
2. Non-refundable deposit of $250 (check or money order made out to Washington University)

**Deadlines**

- **November 15**  
  Registration form and $250 deposit
- **November 30**  
  Remaining balance of $1,700

Full refunds minus the deposit will be issued for student cancellations made by December 3, 2016. Cancellations made after this date will be handled on a case-by-case basis. Full refunds including the deposit will be issued to students if the course is cancelled due to insufficient enrollment by December 5, 2016.