## Program Overview & Sample Daily Schedule

The following Program Overview and Sample Daily Schedule are designed to give you a better understanding of the activities in a typical session as well as the flow of a typical day. This is a sample schedule based on past programs. While not all sessions are exactly the same, this is reflective of activities that take place during the program.

### Day 1
- Registration
- Campus Tours
- Opening Ceremony
- TA Group Orientation

### Day 2
- Lecture Series: Intro to Civil Engineering
- Leadership Challenge Course
- Leadership Series: Mission Statements and Goal Setting
- Social

### Day 3
- Lecture Series: Intro to Environmental Engineering
- Leadership Series: Personality Styles
- Engineering Project: Bridge Project
- Social

### Day 4
- Facility Visit: AutoDesk Gallery
- Lecture Series: Intro to Materials Science
- Engineering Project: Product Pitch
- Product Development
- Social

### Day 5
- Site Visit: UC Berkeley College of Engineering
- Design Challenge: Dye-Sensitized Solar Cell
- Engineering Ethics
- Engineering: Underwater ROV
- Product Development

### Day 6
- Lecture Series: College Panel
- Lecture Series: Intro to Industrial Engineering
- Engineering Expo
- Social

### Day 7
- Lecture Series: Intro to Mechanical Engineering
- Design Challenge: Trebuchets & Catapults
- Leadership Activity: Dyadic Encounter
- Facility Visit: Food Service Technology Center

### Day 8
- Lecture Series: Intro to Aerospace Engineering
- Design Challenge: Gliders
- Leadership Series: Leadership Wrap-up
- Trip: Ghiradelli Square

### Day 9
- Field Trip: Six Flags Discovery Kingdom
- Engineering Project: Product Pitch
- Leadership Series: Group Dynamics
- Social

### Day 10
- Lecture Series: Intro to Bioengineering and Biomedical Engineering
- Leadership Series: Communication Styles
- Engineering Project: Wind Turbines
- Engineering Lab: Breadboarding
- Trip: Pier 39

### Day 11
- Engineering Project: Arduino EKG
- Lecture Series: Intro to Electrical Engineering
- Engineering Project: Underwater ROV
- Social

### Day 12
- Lecture Series: Intro to Computer Engineering
- Engineering Rotations:
  - Circuits
  - Breadboarding
  - Programming
  - Soldering
National Student Leadership Conference
Engineering Intensive
San Francisco, CA

Day 13
- Lecture Series: Intro to Computer Science
- Engineering Project: Line-Following Car
- Engineering Project: Underwater ROV
- Social

Day 14
- Facility Visit: Tech Museum of Innovation
- Lecture Series: Grand Challenges of Engineering
- Project Development

Day 15
- Engineering Project: Underwater ROV Final Competition
- Project Development
- Social

Day 16
- Engineering Project: Line-following Car Final Competition
- Engineering Project: Product Pitch
- Guest Speaker

Day 17
- Leadership Series: What I've Discovered
- Engineering Project: Product Pitch Final Presentations
- Final Social

Day 18
- Closing Team Meetings
- Closing Ceremonies
- Departures
## Sample Daily Schedule

### Day 10

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30am-8:15am</td>
<td>Breakfast</td>
</tr>
<tr>
<td>9:00am–10:30am</td>
<td>Leadership Series: Communication, Dialogue, and Discussion</td>
</tr>
<tr>
<td></td>
<td><em>Neat Attire</em></td>
</tr>
<tr>
<td>10:45am</td>
<td>Board Buses</td>
</tr>
<tr>
<td>11:30am-2:00pm</td>
<td>San Francisco’s Pier 39 Lunch on your own</td>
</tr>
<tr>
<td></td>
<td><em>Casual Attire</em></td>
</tr>
<tr>
<td>2:15pm</td>
<td>Board Buses</td>
</tr>
<tr>
<td>2:45pm-4:00pm</td>
<td>Engineering Project: Wind Turbines</td>
</tr>
<tr>
<td></td>
<td><em>Casual Attire with Closed-Toed Shoes</em></td>
</tr>
<tr>
<td>4:15pm</td>
<td>Board Buses</td>
</tr>
<tr>
<td>5:00pm - 6:30pm</td>
<td>Dinner</td>
</tr>
<tr>
<td>6:45pm – 8:00pm</td>
<td>Lecture Series: Intro to Bioengineering</td>
</tr>
<tr>
<td></td>
<td>Mr. Terry Johnson</td>
</tr>
<tr>
<td></td>
<td>Associate Teaching Professor</td>
</tr>
<tr>
<td></td>
<td>UC Berkeley College of Engineering</td>
</tr>
<tr>
<td></td>
<td><em>Neat Attire</em></td>
</tr>
<tr>
<td>8:00pm-9:00pm</td>
<td>Engineering Lab: Breadboarding 101</td>
</tr>
<tr>
<td></td>
<td><em>Neat Attire (Closed toe shoes required)</em></td>
</tr>
<tr>
<td>9:00pm-10:00pm</td>
<td>Board Game Social</td>
</tr>
<tr>
<td></td>
<td><em>Casual Attire</em></td>
</tr>
<tr>
<td>10:30pm</td>
<td>Floor Check</td>
</tr>
</tbody>
</table>