

# National Student Leadership Conference

## Engineering Yale University

### 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

### Program Overview

#### Day 1

- Registration
- Campus Tours
- Opening Ceremony
- TA Group Orientation

#### Day 2

- AU Credit Option
- Leadership Challenge Course
- Lecture Series: An Introduction to Engineering
- Lecture Series: Underwater Robot Introduction
- Leadership Series: Personality Styles
- Engineering Rotation: Soldering
- Social

#### Day 3

- Lecture Series: Overview of Engineering Fields
- Leadership Series: Intrapersonal Communication
- Engineering Rotation: Programming
- Engineering Project: Underwater Robot
- Site Visit: Yale School of Engineering and Applied Science Tour
- Leadership Activity: Dyadic Encounter

#### Day 4

- Design Project Challenge: Introduction to Trebuchets
- Guest Speaker: Aeronautical Engineering
- Design Challenge: Trebuchet Built and Test
- Engineering Expo
- Leadership Series: Negotiation
- Mission Impossible

#### Day 5

- Trip: Long Island Sound Ferry
- Facility Visit: Brookhaven National Laboratory
- Guest Speaker and Lab: Brookhaven National Laboratory
- Lecture Series: College Life Panel
- Engineering Project: Underwater Robot

#### Day 6

- Lecture Series: Thriving in a College Engineering Program
- Design Challenge: Wind Turbines
- Engineering Project: Underwater Robot
- Guest Speaker: Robotics
- Leadership Series: Group Dynamics
- Minute To Win It

#### Day 7

- Trip to Boston
  - Boston Museum of Science
  - Faneuil Hall and Quincy Market
- Engineering Project: Underwater Robot
- Engineering Rotation: Computer Modeling

#### Day 8

- Engineering Project: Underwater Robot Competition
- Grand Challenges of Engineering Presentations
- Lecture Series: Careers in Engineering
- Dance Social

#### Day 9

- Leadership Series: Leadership Wrap-Up
- Closing Ceremony
- Final TA Group Meeting

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### Sample Daily Schedule

#### Day 3

<b>7:15am – 8:45am</b>	<b>Breakfast</b>
<b>9:00am – 10:30am</b>	<b>LECTURE SERIES</b> <b>“Overview of Engineering Fields”</b> <b>Dr. Roman Kuc</b> <b>Professor, Yale University School of Engineering and Applied Science</b> <i>Neat Attire</i>
<b>11:00am – 12:30pm</b>	<b>SITE VISIT</b> <b>Yale University School of Engineering and Applied Science</b> <b>Tour and Information Session</b> <i>Professional Attire</i>
<b>12:45pm – 1:45pm</b>	<b>Lunch</b>
<b>1:30pm – 3:30pm</b>	<b>ENGINEERING PROJECT</b> <b>Underwater Robot Design Phase</b> <i>Neat Attire</i>
<b>4:30pm – 6:00pm</b>	<b>LEADERSHIP SERIES</b> <b>Intrapersonal Communication</b> <i>Neat Attire</i>
<b>6:30pm – 7:30pm</b>	<b>Dinner</b>
<b>7:45pm – 8:45pm</b>	<b>ENGINEERING ROTATION</b> <b>Introduction to Programming</b> <i>Casual Attire</i>
<b>9:00pm – 10:15pm</b>	<b>Ice Cream Social</b> <i>Casual Attire</i>
<b>10:30pm</b>	<b>Floor Check</b>

Note: This is a sample schedule based upon last year’s program. While not all sessions are scheduled exactly the same, this is reflective of the activities that take place during the program.