

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
 - Mathworks, Computing Software Company
 - 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

National Student Leadership Conference

Engineering
Yale University

Sample Daily Schedule

Day 3

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

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.