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
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
Neat Attire

11:00am – 12:30pm Site Visit
Yale University School of Engineering and Applied Science
Tour and Information Session
Professional Attire

12:45pm – 1:45pm Lunch

1:30pm – 3:30pm Engineering Project
Underwater Robot Design Phase
Neat Attire

4:30pm – 6:00pm Leadership Series
Intrapersonal Communication
Neat Attire

6:30pm – 7:30pm Dinner

7:45pm – 8:45pm Engineering Rotation
Introduction to Programming
Casual Attire

9:00pm – 10:15pm Ice Cream Social
Casual Attire

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.