

National Student Leadership Conference

Aerospace

Washington, D.C.

Program Overview & Sample Daily Schedule

The following Program Overview & 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 upon past programs. While not all sessions are exactly the same, this is reflective of the activities that take place during the program.

Day 1

- NSLC Registration
- Campus Tours of American University
- AU Credit Registration (*optional*)
- Opening Ceremony
- TA Group Orientation

Day 2

- Team Building Activity
- Leadership Series: Personality Styles & Group Dynamics
- Workshop: Principles of Aerodynamics
 - Lift, Gravity, Drag & Thrust
- Grand Challenges of Engineering
- Build Project: Unmanned Air Vehicle (UAV)
- Social

Day 3

- Build Project: Unmanned Air Vehicle (UAV)
- Workshop: Ballooning
- Guest Speaker: Federal Aviation Administration
- Trip: Capitol Hill & the Smithsonian Museum
 - U.S. Capitol
 - U.S. Supreme Court
 - Air & Space Museum
 - American History Museum
 - Natural History Museum
 - American Art Museum
 - African American Museum
- Social

Day 4

- Facility Visit: School of Engineering and Applied Science Laboratories at the George Washington University
- Design Challenge: Wind Turbines
- Guest Speaker: American Institute of Aeronautics and Astronautics (AIAA)
- Workshop: Rocket Science 101
- Build Project: Unmanned Air Vehicle (UAV)
- Leadership Series: Conflict Resolution
- Social

Day 5

- Facility Visit: NASA
- Design Challenge: Trebuchets
- Workshop: Astronautics & Orbital Mechanics
- Build Project: Unmanned Air Vehicle (UAV)
- Grand Challenges of Engineering
- Social

Day 6

- Site Visit: Lockheed Martin or Northrop Grumman Corporation
- Guest Speaker: National Academy of Engineering
- Leadership Series: Communication
- Workshop: Aviation Industry
- Rocket Design Project
- Trip: Washington at Night Tour
 - Lincoln Memorial
 - MLK Memorial
 - Jefferson Memorial
 - FDR Memorial
 - Vietnam & Korean War Memorials

Day 7

- Guest Speaker: U.S. Corps of Engineers
- Trip: Holocaust Memorial Museum
- Rocket Design Project
- Workshop: Satellites & Missiles
- Leadership Series: Commitment in Action

Day 8

- Site Visit: Dulles Airport
- Guest Speaker: U.S. Air Force
- Rocket Design Testing
- Leadership Series: Leadership Wrap-Up
- Final Social

Day 9

- Closing Ceremony
- Final TA Meeting
- Student Departure

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Sample Daily Schedule

7:30am-8:45am	Breakfast AU Terrace Dining Room
8:30am	Board Buses
9:00am-11:00am	Lockheed Martin or Northrop Grumman Corporation <i>Neat Attire</i>
11:15am	Board Buses <i>*box lunch</i>
12:15pm-1:15pm	Guest Speaker: Dr. C. Dan Mote President National Academy of Engineering <i>Professional Attire</i>
1:45pm-3:00pm	Leadership Series: Conflict Resolution <i>Neat Attire</i>
3:15pm-4:45pm	Engineering Workshop: Principles of Aerodynamics <i>Casual Attire</i>
5:00pm-6:00pm	Dinner AU Terrace Dining Room
6:15pm-7:30pm	Project: Unmanned Air Vehicle Team Meeting <i>Casual Attire</i>
7:45pm	Board Buses
8:00pm-10:15pm	Washington Monuments at Night <ul style="list-style-type: none">• Lincoln Memorial• MLK Memorial• Jefferson Memorial• FDR Memorial• Vietnam and Korean War Memorial <i>Casual Attire w/casual walking shoes</i>
10:30pm	Floor Check