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
**National Student Leadership Conference**  
Aerospace  
Washington, D.C.

**Sample Daily Schedule**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 7:30am-8:45am | Breakfast  
AU Terrace Dining Room |
| 8:30am        | Board Buses                                                            |
| 9:00am-11:00am| **Lockheed Martin or Northrop Grumman Corporation**  
*Neat Attire* |
| 11:15am       | Board Buses  
*box lunch* |
| 12:15pm-1:15pm| **Guest Speaker:**  
Dr. C. Dan Mote  
President  
National Academy of Engineering  
*Professional Attire* |
| 1:45pm-3:00pm | **Leadership Series:**  
Conflict Resolution  
*Neat Attire* |
| 3:15pm-4:45pm | **Engineering Workshop:**  
Principles of Aerodynamics  
*Causal Attire* |
| 5:00pm-6:00pm | Dinner  
AU Terrace Dining Room |
| 6:15pm-7:30pm | **Project: Unmanned Air Vehicle**  
Team Meeting  
*Causal Attire* |
| 7:45pm        | Board Buses                                                            |
| 8:00pm-10:15pm| **Washington Monuments at Night**  
- Lincoln Memorial  
- MLK Memorial  
- Jefferson Memorial  
- FDR Memorial  
- Vietnam and Korean War Memorial  
*Causal Attire w/casual walking shoes* |
| 10:30pm       | Floor Check                                                            |