Day One: Arrival of Scholars and Program Welcome
Campus Tours and Orientation
Success Skills Workshop: Goal Setting 101
Opening Session: Defining Engineering and Technology
Introduction to Project Team and Program

Day Two: The Engineering Design Process
Simulation: Introduction to Capstone Projects
Guest Speaker: Innovation and Entrepreneurship
Guest Speaker: 3-D Modeling
Success Skills Workshop: Scripting Instructions and Taking Direction
Simulation: Introduction to Robotics

Day Three: College Options and Selection
Guest Speaker: Admissions Information Session
College Planning Seminar: Undergraduate Student Panel
Success Skills Workshop: College Options and Selection
Off-campus Excursion: Massachusetts Institute of Technology (MIT) – Campus
    Tour and Admissions Information Session

Day Four: Design and Build
Guest Speaker: Careers in Electrical and Electronics Engineering
Success Skills Workshop: Understanding Personalities
Simulation: Capstone Project Development
Lecture: Electronics 101
Helicopter Electronics Workshop: Circuit Design and Programming
Simulation: Hands-On Circuit Building Workshop

*This sample schedule is provided as an example of the overall quality and scope of the experience offered and is not intended to represent a specific schedule for 2016. The 2016 specific schedule, locations, speakers and site visits may be modified.
Day Five: Engineering Applications
Guest Speaker: Structural Engineering in the 21st Century
Helicopter Electronics Workshop
College and Career Skills Workshop: Public Speaking
Simulation: Structural Engineering Challenge
Offsite Excursion: Boston’s Historic Freedom Trail

Day Six: Engineering Project Management
Guest Speaker: Careers in Computer Technology
Workshop: Web and Game Design
College and Career Skills Workshop: Embracing Feedback
Simulation: Capstone Project Development

Day Seven: Engineering the Future
Capstone Project Showcase
Program Summary and Reflection
Lecture: The Power of You
Success Skills Workshop: Defining Personal Vision and Action Plan

Day Eight: Farewell and Departure of Scholars
Closing Session: Program Debrief
Closing Address