



Sikorsky
A United Technologies Company



2013 NASA Space Grant

Summer Helicopter Program

Schedule of Events, June 16-21, 2013

Central Connecticut State University





Requirements



- Sunday: Students must wear non scuff sneakers for the RC helicopter flying in the CCSU gym.
- Tuesday/ Wednesday: Students should not wear loose clothing or hats when flying. It is ok to bring a camera.
- Wednesday, Thursday: Students must bring proof of citizenship to KAMAN Aerospace and Sikorsky Aircraft. Students must also wear closed shoes for the plant tour.
- Schedule is subject to change, weather dependent.



Sunday, June 16, 2013



- 1:30 – 4:30 (NC 134) meeting, RC flight simulators
- 1:30 – 4:30 (Bubble/Gym) RC helicopters, RC multicopters
- 4:30 – 5:00 (NC 134) Introduction to Helicopter UAS program
- 5:00 – 6:00 (ResLife) Room check in
- 6:00 – 6:30 (ResLife) Dinner

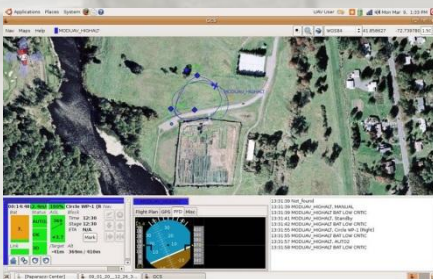




Monday June 17, 2013



- 8:00-8:10 (NC 134) Morning meeting
- 8:15-9:30 (NC 134) Principles of Helicopter Flight
- 9:40-11:00 (NC 155) Remote Control Aircraft Design and Building
- 11:00-12:20 (NC 134) Helicopter Engineering I
- 12:30-1:00 Lunch
- 1:00-2:10 (NC 134) Helicopter Engineering II
- 2:20-3:30 (NC 155) Fixed Wing Unmanned Aerial Systems, UAS, I
- 3:40-4:30 (Athletic Field) UAS Fixed Wing Flight Demonstration
- 4:40-6:30 (Engineering Building) RC Aircraft Design and Building
- 6:30-7:30 (Memorial Hall) Banquet Dinner





Tuesday June 18, 2013



- 8:00-8:10 (NC 134) Morning meeting
- 8:15-9:30 (NC 134) Wind Tunnel Testing Methods I
- 9:40-11:00 (NC 155) Scale Helicopter Testing
- 11:00-12:20 (NC 134) RC Helicopters I
- 12:30-1:00 Lunch
- 1:00-2:10 (NC 134) RC Helicopters II
- 2:20-3:30 (NC 155) Wind Tunnel Testing II
- 3:40-4:30 (Athletic Field) RC Helicopter Flight Demonstration
- 4:40-6:30 (Engineering Building) RC Aircraft Design and Building
- 6:30-7:00 (Memorial Hall) Dinner



During the day student groups will be transported to Yalesville heliport and will fly in either a S300 2 seat helicopter or a Bell Jet Ranger





Wednesday June 19, 2013



- 8:00-8:10 (NC 134) Morning meeting
- 8:15-10:00 (NC 134) Control Theory
- 10:10-12:00 (NC 155) Design of Experiments
- 12:00-12:30 Lunch
- 1:00-4:00 Trip and tour of KAMAN Aerospace
 - Tour of the SH-2G Sea Sprite Attach helicopter
 - Tour of the K-MAX (Burrow) UAS helicopter
- 4:00-6:30 (Engineering Building) RC Aircraft Design and Building
- 6:30-7:00 (Memorial Hall) Dinner
- 7:00-9:00 (Engineering Building) RC Aircraft Design and Building

During the morning student groups will be transported to Yalesville heliport and will fly in either a S300 2 seat helicopter or a Bell Jet Ranger



**KAMAN
AEROSPACE**

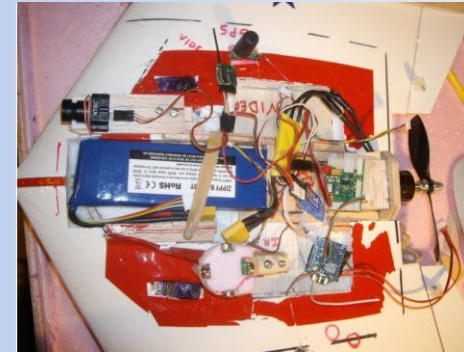
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Thursday June 20, 2012



- 8:00-8:10 (NC 134) Morning meeting
- 8:15-10:00 (NC 134) UAS Multicopters I
- 10:10-11:30 (NC 155) Principle of Helicopter Flight II
- 11:30-12:00 Lunch
- 12:00-4:30 Trip and tour of Sikorsky Aircraft
 - Tour of the Blackhawk helicopter Manufacturing
 - Tour of Manufacturing
- 4:30-6:30 (Engineering Building) RC Aircraft Design and Building
- 6:30-7:30 (Memorial Hall) Banquet Dinner
- 7:30-9:00 (Engineering Building) RC Aircraft Design and Building



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Friday June 21, 2013



- 8:00-8:10 (NC 134) Morning meeting
- 8:15-12:00 (Athletic Field or CCRCC) Remote Control VTOL Competition
 - RC Aircraft Flight Instruction
- 12:00-12:30 (NC 134) Lunch/ Student Evaluation

