

**Program Agenda – Engineering Summer Exploration Program**

<b>Date</b>	<b>Time</b>	<b>Activities – Roebling Group</b>	<b>Activities – Ferris Group</b>
July 14 (M)	7:00 – 8:15 am	Breakfast Residential Assistant will bring students to Jonsson Engineering Center (JEC) 3210	Breakfast Residential Assistant will bring students to Jonsson Engineering Center (JEC) 3210
	8:30 – 9:00 am	Welcome, Introductions, Safety	Welcome, Introductions, Safety
	9:00am – 12:00pm	Introduction to Engineering - JEC 3210 (Prof. Mark Anderson)	Introduction to Electrical Engineering - JEC 3207 (Prof. Paul Schoch)
		Break	
		Introduction to wind turbines and project (Prof. Mark Anderson)	
	12:00 – 1:00 pm	Lunch Break @ Russell Sage Dinning Hall (RSDH) – undergraduate assistants will escort students	Lunch Break @ Russell Sage Dinning Hall (RSDH) – undergraduate assistants will escort students
	1:00 – 4:00 pm	Introduction to Electrical Engineering - JEC 3207 (Prof. Paul Schoch)	Introduction to Engineering – JEC 3210 (Prof. Joshua Hurst)
Break			
Introduction to wind turbines and project (Prof. Joshua Hurst)			
4:00 pm	Students are Dismissed. Residential Assistant will pick up students from JEC 3210	Students are Dismissed. Residential Assistant will pick up students from JEC 3210	
July 15 (T)	7:00 – 8:15 am	Breakfast Residential Assistant will bring students to JEC 3210 at 8:30 am	Breakfast Residential Assistant will bring students to JEC 3210 at 8:30 am
	8:30/9am – 12:00pm	Wind turbine project work (Prof. Mark Anderson)	Introduction to Mechanical Engineering – JEC 1219 (Prof. Antoinette Maniatty)
	12:00 – 1:00 pm	Lunch Break at RSDH – undergraduate assistants will escort students	Lunch Break at RSDH – undergraduate assistants will escort students
	1:00 – 4:00 pm	Introduction to Mechanical Engineering – JEC 1219 (Prof. Antoinette Maniatty)	Wind turbine project work (Prof. Joshua Hurst)

	4:10 pm	Students are Dismissed at 4:10pm Residential Assistant will pick up students from JEC 3210	Students are Dismissed at 4:10pm Residential Assistant will pick up students from JEC 3210
July 16 (W)	7:00 – 8:15 am	Breakfast Residential Assistant will bring students to JEC 3210 at 8:30 am	Breakfast Residential Assistant will bring students to JEC 3210 at 8:30 am
	8:30 – 9:30 am	Interactive Energy Game – JEC 3210	Interactive Energy Game – JEC 3210
	9:30/10am–12:00pm	Wind turbine project work – JEC 3210 (Prof. Mark Anderson)	Introduction to Chemical and Biological Engineering – Ricketts Coonley Lounge (Prof. Pankaj Karande)
	12:00 – 1:00 pm	Lunch Break at RSDH – undergraduate assistants will escort students	Lunch Break at RSDH – undergraduate assistants will escort students
	1:00 – 3:00 pm	Introduction to Chemical and Biological Engineering – Ricketts Coonley Lounge (Prof. Pankaj Karande)	Wind turbine project work – JEC 3210 (Prof. Joshua Hurst)
	3:00 – 4:00 pm	campus tour	
	4:10 pm	Students are Dismissed at 4:10pm Residential Assistant will pick up students from JEC 3210	Students are Dismissed at 4:10pm Residential Assistant will pick up students from JEC 3210
July 17 (Th)	7:00 – 8:15 am	Breakfast Residential Assistant will bring students to JEC 3210.	Breakfast Residential Assistant will bring students to JEC 3210.
	8:30am – 12:00pm	Wind turbine project work – JEC 3210 (Prof. Mark Anderson)	Introduction to Materials Science and Engineering - MRC 136 (Profs. Chaitanya Ullal and Ying Chen)
	12:00 – 1:00 pm	Lunch Break at RSDH – undergraduate assistants will escort students	Lunch Break at RSDH – undergraduate assistants will escort students
	1:00 – 4:00 pm	Introduction to Materials Science and Engineering - MRC 136 (Profs. Chaitanya Ullal and Ying Chen)	Wind turbine project work – JEC 3210 (Prof. Joshua Hurst)
	4:00 – 6:00 pm	Extra time for students to work on their projects  Residential Assistant will pick up students from JEC 3210	Extra time for students to work on their projects  Residential Assistant will pick up students from JEC 3210

July 18 (F)	7:00 – 8:15 am	Breakfast Residential Assistant will bring students to CII highbay.	Breakfast Residential Assistant will bring students to CII highbay.
	8:30 – 10:00 am	Tour of Manufacturing Innovation Learning Laboratory – CII highbay (Prof. Larry Ruff) Wind tunnel demonstration – JEC 2220 (Mr. David Digiulio) Haas Technical Center demonstration – JEC highbay (Mr. Scott Yerbury)	Tour of Manufacturing Innovation Learning Laboratory – CII highbay (Prof. Larry Ruff) Wind tunnel demonstration – JEC 2220 (Mr. David Digiulio) Haas Technical Center demonstration – JEC highbay (Mr. Scott Yerbury)
	10am-12:00pm	Introduction to Aerospace Engineering – JEC 1034, JEC 3210 (Profs. Riccardo Bevilacqua and Kurt Anderson)	Introduction to Aerospace Engineering – JEC 1034, JEC 3210 (Profs. Riccardo Bevilacqua and Kurt Anderson)
	12:00 – 1:00 pm	Lunch Break at RSDH – undergraduate assistants will escort students	Lunch Break at RSDH – undergraduate assistants will escort students
	1:00 – 4:00 pm	Final presentations and reception CBIS Auditorium	Final presentations and reception CBIS Auditorium