

Program Agenda – Engineering Exploration Program

Date	Time	Activities – Praeger Group	Activities – Low Group
July 16 (M)	7:00 – 8:20 am	Breakfast Arrive at JEC 3232 at 8:20 am	Breakfast Arrive at JEC 3232 at 8:20 am
	8:30 – 9:00 am	Welcome, Introductions, Safety	Welcome, Introductions, Safety
	9:00am– 12:00pm	Introduction to Engineering - JEC 3232 (Prof. Mark Anderson)	Introduction to Electrical Engineering – JEC 4304 (Prof. Paul Schoch)
		Break	
		Introduction to wind turbines and project (Prof. Mark Anderson)	
	12:00 – 1:00 pm	Lunch Break @ Russell Sage Dining Hall (RSDH) – undergraduate assistants will escort students	Lunch Break @ Russell Sage Dining Hall (RSDH) – undergraduate assistants will escort students
	1:00 – 4:00 pm	Introduction to Electrical Engineering – JEC 4304 (Prof. Paul Schoch)	Introduction to Engineering – JEC 3232 (Prof. Kyle Wilt)
			Break
Introduction to wind turbines and project (Prof. Kyle Wilt)			
4:00 pm	Students are Dismissed.	Students are Dismissed.	

Date	Time	Activities – Praeger Group	Activities – Low Group
July 17 (T)	7:00 – 8:30 am	Breakfast Arrive at JEC 3232 at 8:30 am	Breakfast Arrive at JEC 3232 at 8:30 am
	8:35-8:50am	Ria Shroff talks about biomedical engineering.	Ria Shroff talks about biomedical engineering.
	9am–12:00pm	Wind turbine project work – JEC 3232 and 4304 (includes shop time) (Prof. Mark Anderson)	Introduction to Materials Science and Engineering - MRC 136 (Profs. Jian Shi and Shankar Sundararaman)
	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. Jian Shi and Shankar Sundararaman)	Wind turbine project work – JEC 3232 and 4304 (includes shop time) (Prof. Kyle Wilt)
	4:10 pm	Students are Dismissed at 4:10pm	Students are Dismissed at 4:10pm
July 18 (W)	7:00 – 8:20 am	Breakfast Arrive at JEC 3232 at 8:20 am	Breakfast Arrive at JEC 3232 at 8:20 am
	8:30 – 9:20 am	Interactive Energy Game – JEC 3232	Interactive Energy Game – JEC 3232
	9:30am–noon	Wind turbine project work – JEC 3232 and 4304 (includes shop time) (Prof. Mark Anderson)	Introduction to Chemical and Biological Engineering – Ricketts Coonley Lounge (Prof. Nihat Baysal)
	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 Chemical and Biological Engineering – Ricketts Coonley Lounge (Prof. Nihat Baysal)	Wind turbine project work – JEC 3232 and 4304 (includes shop time) (Prof. Kyle Wilt)
	4:10 pm	Students are Dismissed at 4:10pm	Students are Dismissed at 4:10pm

Date	Time	Activities – Praeger Group	Activities – Low Group
July 19 (Th)	7:00 – 8:30 am	Breakfast Arrive at JEC 3232 at 8:30 am	Breakfast Arrive at JEC 3232 at 8:30 am
	9:00am– 12:00pm	Wind turbine project work – JEC 3232 and 4304 (includes shop time) (Prof. Mark Anderson)	Introduction to Mechanical Engineering – JEC 1219 (Profs. Kristen Mills and 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 (Profs. Kristen Mills and Antoinette Maniatty)	Wind turbine project work – JEC 3232 and 4304 (includes shop time) (Prof. Kyle Wilt)
	4:00 – 6:00 pm	Extra time for students to work on their projects	Extra time for students to work on their projects
July 20 (F)	7:00 – 8:15 am	Breakfast Arrive at JEC 3232 at 8:15 am	Breakfast Arrive at JEC 3232 at 8:15 am
	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-11:00am	Introduction to Aerospace Engineering – JEC 3232 (Prof. John Christian)	Introduction to Civil Engineering – JEC 4304 (Prof. Victoria Bennett)
	11am-12:00pm	Introduction to Civil Engineering – JEC 4304 (Prof. Victoria Bennett)	Introduction to Aerospace Engineering – JEC 3232 (Prof. John Christian)
	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	Final presentations and reception CBIS Auditorium	Final presentations and reception CBIS Auditorium