

Lockheed Martin Explorer Post



Tour Group:

Monday, March 4

6-8:15 pm

We will start in Berthoud Hall, Room 241 located on Illinois Street and 16th Street. Enter Berthoud hall through the west doors on Maple St. Parking is free after 5 pm. The closest parking lot is behind the rec center on Elm St – Lot D on the map.

Agenda:

Time Frame	Location	Description
5:30 – 6:00	Berthoud 241	Set up, PIZZA
6:00 – 6:10	Berthoud 241	Welcome Comments
6:10 – 6:15	Berthoud 241	Split into tour groups
6:25 – 6:55	Tour stop 1	Tour stop 1
7:05 – 7:35	Tour stop 2	Tour stop 2
7:45 – 8:15	Tour stop 3	Tour stop 3

Tour group stops:

	Tour stop 1	Tour stop 2	Tour stop 3
Group 1	Space Resource Laboratory - GRL	Machine Shop/Mines Formula Team - Brown	Maker Space – Brown
Group 2	Machine Shop/Mines Formula Team - Brown	Maker Space – Brown	Space Resource Laboratory - GRL
Group 3	Maker Space – Brown	Space Resource Laboratory - GRL	Machine Shop/Mines Formula Team - Brown

What are the tours??

Space Resource Laboratory - <http://space.mines.edu/>

Space Resources Laboratory (SRL) is a facility with equipment capable of reproducing the pressure, temperature, and atmosphere of Mars, the Moon, and asteroids to study the properties of soils and rocks to extract gaseous and mineral resources from them.

Maker Space:

The Blaster Design Factory is one of the various maker spaces available for use by the Mines community. Students can work individually or collaboratively on both coursework and personal projects, and have access to adjustable tables, computers, and equipment ranging from basic prototyping materials to a selection of 3D printers. During normal hours of the business week a member of the Maker Society is present to assist with questions about the making process and to certify students for future use of Maker Society equipment.

Machine Shop:

The CECS Machine shop is an open access shop where all mines students can learn how to operate machining equipment including; mills, lathes, CNC's, and welding. Everything from birthday presents for mom, the start of companies, racecars, and everything in between has been made in this shop.

Mines Formula Team:

CSM has many student competition teams one of them is Formula SAE. Every year this team designs, produces, and tests an open-wheeled race car. They compete in multiple events against teams from all over the world. This team gives students a unique opportunity to work on large team projects and apply real world engineering fundamentals, as well as learning how to work with: composites, welding, machining, GDNT, Computational fluid dynamics, Finite element analysis, and vehicle dynamics.

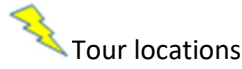
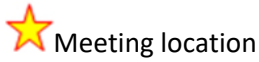
Q&A throughout the evening – Don't know what to ask? Try these!

- How much free time do you actually have?
- What kind of activities do you participate in?
- How did you choose a school? Major?
- What is one thing you wish you had known when you were in high school?
- What can I do now to increase my chances of acceptance?
- What motivated you to stick to your path when things got difficult?
- What do you want to do with your degree?

Question ideas for the tour guides:

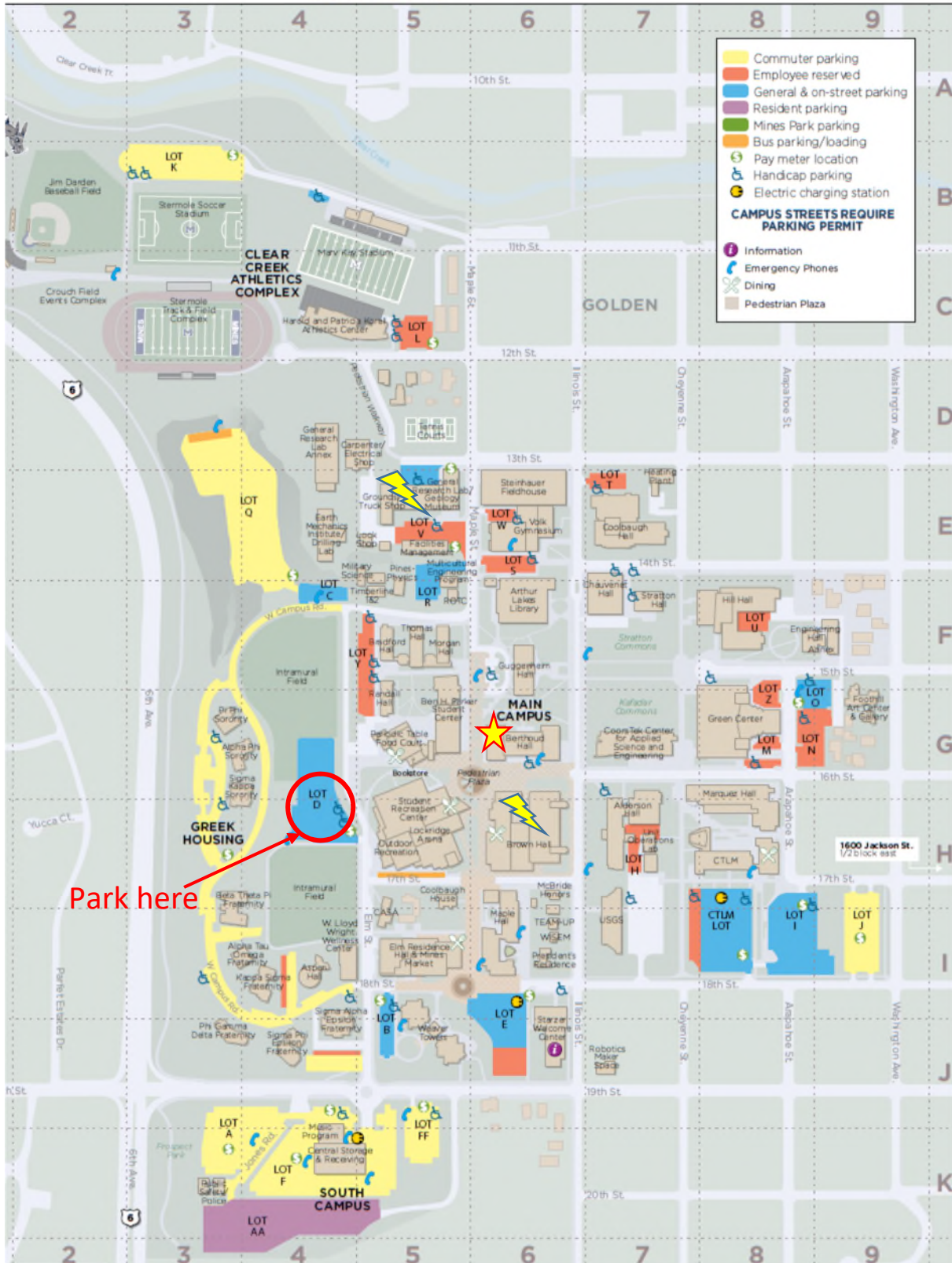
- How did you get involved with this research/club?
- Is this something I could get involved with my freshman year?
- What has been your biggest success? Biggest challenge?
- What's that thing (point to something) for?
- *Any clarifying questions!

Legend:



Campus Parking Map

2017-2018



Park here

Destinations			
A1 Admissions (in Starzer Welcome Center)	J6 Hill Hall (HH)	FB Timberline 2 (BS)	F5
A2 Alumni Association (in Starzer Welcome Center)	H7 International Programs (in Student Center)	G5 Unit Operations Lab	H7
A3 Berthoud Hall (BE)	I5 Intramural Fields (IM)	F-G-H-I Wellness Center, W. Lloyd Wright Student (WC)	B2
A4 Blaster Card Office (in Elm Hall)	G6 Kafadar Commons	G7 Women in Science, Engineering and Mathematics (WISEM)	I5
A5 Bookstore (in Student Center)	I6 Library, Arthur Lakes (LB)	F6	
A6 Brown Hall (BB)	G5 Lock Shop (S3)	G5	
A7 Center for Academic Services & Advising/CASA (ZD)	H6 Marquette Hall (M2)	G-H-B Athletics	C4-5
A8 Center for Technology and Learning Media/CTLM (CT)	I5 McBride Honors (ZS)	H6 Jim Darden Baseball Field	B2
A9 Central Storage and Receiving (CR)	H8 Mines Market Dining (in Elm Residence Hall)	I5 Lockridge Arena (in Student Recreation Center)	H5
A10 Chauvenet Hall (CH)	K4 Military Science (Z0)	E5 Mary Kay Stadium at Harry D. Campbell Field	B-C4-5
	F7 Moly Building (MB)	Inset Softball Field	B1