Get the most from Exploration Day:

**Prioritize**
Look at the schedule and choose the sessions that are most important to you. If you have not yet narrowed your focus to a specific department or program attend several departmental presentations. You do not have to sign up for these sessions.

**Try Something Different**
If possible, attend a session that is outside of your current interest – it may surprise you. Many are surprised by the overlap between programs. The college is focused on educating students to solve our great global challenges. All of our departments do work that impacts energy, the environment, and human health.

**Ask questions**
Faculty, staff, and current students are available to answer questions during panel discussions, presentations, and between sessions. We encourage you to take advantage of the opportunity to make these connections.
1. Tour the College and the Engineering Academic Village
Take a student-guided tour of the College of Engineering. We try to limit tours to 10 total people so you have ample opportunity to ask questions. And, check out our living and learning community, Engineering Academic Village, designed specifically for engineering freshmen.
- 113 double rooms and 25 singles all with air conditioning and private bathrooms
- Electronic classrooms and design studios on the first floor
- Graduate teaching assistant apartments
- Commons dining building

2. Sit in on Department Presentations
Much of the College’s work centers around energy, environment, and human health. The morning departmental sessions offer a great deal of information about the course of study within each department and the types of careers that our alumni enjoy, from design engineer to space science engineer to governmental official to engineering educator. There are many pathways in engineering and department representatives will discuss directions you might take with an engineering degree from Colorado State.

3. Ask the Experts
Aside from academic reputation and the fact that our graduates get good jobs, students choose CSU because of our friendly campus. Take part in a panel discussion with our students or ask questions of our students and find out for yourself. We want to help answer your questions and make your visit productive and enjoyable!

4. See Student Research and Meet Design Teams
Don’t miss talking with our students during laboratory demonstrations, panels, or even when they are walking groups from place to place. Make sure you connect with our students to learn more about their experiences studying engineering.

5. Experience Fort Collins
The Fort has more than 45 public parks (600 acres), three swimming pools, five golf courses, an ice skating center, a 60-mile recreational trail system, and 40,000 acres of natural areas with easy access to hiking, climbing, camping, jogging, cycling, horseback riding, fishing, rafting, and kayaking. The 6.5-mile Horsetooth Reservoir is popular for fishing, boating, and camping.
Fort Collins accolades include:
- 13th Best Place to Live: Livability.com, Sept 2015
- 9th Best Bike City, Bicycling Magazine, Sept 2014
- Ranked 7th on Best Places for Business and Careers, Forbes, Aug 2013
- 2012 Top Downtown in the Country: Livability.com, Nov 2012
- 4th Most Intelligent Midsize City, My Life, June 2014

### Engineering Programs of Study
- Biomedical Engineering (C, m)
- Chemical and Biological Engineering (M)
- Civil Engineering (M, c)
- Computer Engineering (M)
- Electrical Engineering (M, c)
- Lasers and Optical Engineering (c)
- Mechanical Engineering (c)
- Engineering Open Option (Prior to determining major)
- Engineering Science (M)
- Engineering Physics (c)
- Engineering Teacher Education (c, with teaching licensure)
- Environmental Engineering (M, m)
- Ecological Engineering (c)
- Mechanical Engineering (M)
- Soil and Water Resource Engineering (c)
- International Engineering and International Studies (D)
- Liberal Arts (D)
- Energy Engineering (m)
- Environmental Engineering (M)

(M) Major; (m) Minor; (c) Concentration; (C) Major combined with other select engineering majors; (D) Dual Bachelor’s Degree Program

### Our Current Students
**Incoming Freshman Academic Profile for Fall 2015:**
- 3.87 GPA, 27.4 ACT composite; 1235 SAT combined score
- 40 home states represented

**Other College of Engineering Data Points:**
- Undergraduate enrollment: 2,528
- Undergraduate student-faculty ratio 2015-16: 24:1
- Class sizes 2015-16: 120 in freshman engineering intro sections; 20 in lab sections
- Internships: from 2009-2013, 70% of those graduating completed at least one internship, and 15% did two or more.
Engineering Exploration Day Schedule

8:00 a.m. - 9:00 a.m. - Registration/Check-In
Lory Student Center Main Entrance
Guests may enjoy a light snack and assorted beverages in LSC Ballroom AB from 8:00am to 9:45am. Engineering Student Ambassadors and student volunteers will be available to answer questions throughout the morning to help guests choose which sessions will be most beneficial for them based on their interests.

9:00 a.m. - 9:20 a.m. - Program Welcome
Engineering Student Ambassadors
Dean David McLean and Dr. Anthony Marchese, Associate Dean of Academic and Student Affairs, LSC Ballroom AB

9:20 a.m. - 9:45 a.m. - Hot Topics: Admissions, Scholarships, and Housing
Erika Ryan, Senior Assistant Director, Office of Admissions, LSC Ballroom AB

10:00 a.m. - 12:00 p.m. - Department Overview and Lab Sessions

EACH SESSION BELOW IS AVAILABLE IN ALL THREE TIME SLOTS:

10:00am-10:30am – Session Choice One
10:45am-11:15am – Session Choice Two
11:30am-12:00pm – Session Choice Three

Session Choices:
- Biomedical Engineering Overview – Dr. Kevin Lear, Professor – LSC Cherokee Park Ballroom
- Biomedical/Electrical Engineering Lab – Integrated Bio-analytical Systems Lab – Tour Guides Lang Yang, Nick Grant, and William Tedjo – Scott 180 and 189
- Biomedical/Mechanical Engineering Lab – Micro/Nano Surface Engineering Lab – Tour Guide Rachael Simon-Walker – Scott 371
- Chemical & Biological Engineering Overview – Dr. David Dandy, Department Head – LSC 372-374
- Chemical & Biological Engineering Lab – Undergraduate Lab – Dr. Gordon Smith, Instructor – SCOTT 261
- Civil Engineering Overview – Dr. Charles Shackelford, Department Head – LSC 386
- Civil Engineering Lab – Stephanie Pilkington, Graduate Student – Structures and Materials Lab - A10
- Civil Engineering Lab – ASCE Steel Bridge and ASCE Concrete Canoe Team Members – Concrete Lab, ENGR A11
- Civil Engineering River Flow demonstration – Tess Hansen and Ryan Brown, Graduate Students – Fluids Lab, ENGR A4
- Electrical & Computer Engineering Overview – Department Head Tony Maciejewski and Karen Ungerer, Advisor – LSC 382
- Electrical & Computer Engineering Student Project Open House Featuring Sophomore and Senior Projects – ENGR B106
- Engineering Science Overview* – Associate Dean Anthony Marchese and Laurie Craig, Advisor – LSC Virginia Dale Room
- Environmental Engineering Overview – Dr. Susan DeLong, Assistant Professor – LSC 376-378
- Environmental Engineering Lab – Environmental Engineering Society Members – Water Quality Teaching Lab, SCOTT 268
- Mechanical Engineering Overview – Dr. Patrick Fitzhorn, Professor – LSC North Ballroom
- Mechanical Engineering – Formula Style Racecar (FSAE) – ENGR Central Hallway
- Mechanical Engineering – Engineering Manufacturing Education Center (EMEC) Tours – ENGR B9

12:15 p.m. - 1:30 p.m. - Lunch on your own
See back of brochure for nearby lunch options including limited venues at the LSC Food Court and Ram's Horn Student Dining Center and

College of Engineering Tour #1
- Tours will meet at ENGR 100 and
- Society of Women Engineers (SWE) Meet and Greet – SCOTT Atrium

You must sign up for the College of Engineering Tour outside LSC Ballroom AB prior to the Program Welcome, as there are limited spots. This tour will meet in ENGR 100 at 12:15 before proceeding for a 60-minute tour led by an Engineering Student Ambassador. This tour will allow you an opportunity to check out classrooms and labs, ask questions, and hear first-hand experiences from a student.

12:15 p.m. - 2:30 p.m. - Continuous Academic Village Tours
Please meet outside of ENGR 100. There is not a sign-up process for AV tours. Volunteers will walk guests to AV, a living and learning community that houses freshmen engineering students. Guests will be escorted back to the Engineering Building.

1:30 p.m. - 2:30 p.m. - Student Panels
Co-op Panel: Straight from Students – SCOTT 101 (Harper Auditorium)
Our Cooperative Education Program is a rotational academic program in which students work at least three semesters. Each work semester, students register for one credit hour of Engineering Cooperative Experience to maintain their full-time status. Co-ops gain at least a year of experience, typically with the same employer. They also earn a competitive salary. This panel session provides insight into how students can successfully pursue a co-op job, the advantages of co-oping, lessons learned while living the co-op life, and more.

* This overview will be presented during session choice 1 and 2 only.

Schedule continued on back page
1:30 p.m. - 2:30 p.m. - Student Panels continued

Engineering Student Life Panel – LSC North Ballroom
CSU Engineering students will discuss topics ranging from homework and studying to intramural sports and social life. Guests are encouraged to ask any questions they may have.

1:45 p.m. - 4:00 p.m. - College of Engineering Tours #2 and #3

Please meet inside ENGR 100. Tours leave at 1:45 and 3:00 p.m. You must sign up for the College of Engineering Tour at check-in. This is a 60-min tour led by an engineering student ambassador. This tour will allow you opportunity to check out classrooms and labs, ask questions, and hear first-hand experiences from a student.

Experience Student Dining
Experience the Ram's Horn Dining Center. Ram's Horn is a very popular dining hall for engineering students as it is located in the Academic Village complex.

Please Visit Us Again
During Exploration Day, our student ambassadors provide as many small-group tours as possible. If you were not able to take a tour during the event, visit again. To sign up for a personalized College of Engineering Tour, please visit www.engr.colostate.edu/tours.php.

Departmental Academic Advisors:

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Restaurants nearest the College:

A. LSC Food Court, limited venues open
B. Ram's Horn Student Dining Center
C. Cafe Bluebird, 524 W. Laurel; salads, sandwiches, full breakfast menu
D. Mug's Coffee Lounge, 306 W. Laurel St.; coffee, sandwiches
E. Celestino's, 306 W. Laurel; pizza
F. The Rainbow, 212 W. Laurel; vegetarian
G. The Boot Grill, 130 W. Laurel; American
H. Toy's Thai Cafe, 128 W. Laurel; Thai buffet
I. Pizza Casbah, 126 W. Laurel
J. Pickle Barrel, 122 W. Laurel; sandwiches
K. Chipotle, 649 S. College; burritos
L. Noodles & Company, 650 S. College; pasta
M. Fat Shack, 706 S. College; sandwiches

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