University of Denver
Women’s Engineering Summer Day Camp
2017 Application Packet

Dear Parent,

We are excited that your student has shown interest in attending our summer engineering camp. The camp is a one-week day camp and will run from **July 24-28, 2017, Monday – Friday, 9:00 am – 5:00 pm** for students entering 9th through 11th grades in autumn 2017. The goal of the camp is to get female students excited about possible careers in engineering (i.e., mechanical, electrical, computer, mechatronics, and bioengineering), mathematics, and other sciences, with an aim of increasing matriculation into college programs in engineering, math, and the sciences. In addition, the camp aims to help students understand the need for mathematics and science; and thereby increase motivation for such knowledge.

Students will spend 8 hours per day in a variety of classes and hands-on workshops. Much of this will include learning about the necessary design, math, and engineering fundamentals to develop automated robots. The students will create several robots during the camp that will navigate different events. Other hands-on activities during the week will highlight engineering principles and tools, and focus on design and teamwork. Students will also have the opportunity to learn from different faculty members and graduate students whom work in various research laboratories. This curriculum is designed and will be primarily delivered by university professors who are experts in teaching and research in electrical, mechanical, bio, and computer engineering. The university professors will be assisted by female undergraduate and graduate students who have been trained prior to camp by the professors. The additional personnel ensure that there is low student-to-faculty ratio and that each student has an opportunity to learn all the material.

In addition to the traditional camp elements, the students will have the opportunity to interact with female members of the STEM community, including university professors, undergraduate, and graduate students, as well as, women from industries outside of academia. There will also be workshops and talks directly related to the experiences of women in STEM.

**Parents are responsible for being on time when dropping off and picking up camp students. Students are to be dropped off between 8:30 and 9:00 a.m. and picked up between 5:00 and 5:15 pm outside of the Engineering and Computer Science Building at 2155 E. Wesley Ave, Denver 80210. There is free on-street parking around the building for those who will be driving themselves. There is also the University light-rail stop on the north end of campus, about a 20-minute walk from the Engineering Building.**

Students are supervised the entire time they are in the camp. Please note that a sample schedule of activities is attached. All students are expected to participate in all planned activities.
The fee for this program is $495, which includes all lunches. Full refunds will be given if the request is made more than 30 days from the beginning of camp. Refunds will not be given after this point.

There are scholarships for those with financial need. If you want to apply for a scholarship, please complete the attached Scholarship Application.

**How to apply:**
1. Fill out Student Application and include a copy of the most recent transcript (unofficial is acceptable) or recent Infinite Campus printout of courses and grades.
2. Review of applications will begin on April 1, 2017 and continue until the session is full. This program has been popular in the past and coupled with our restriction to 32 campers; we are recommending completed applications be postmarked before April 1st.
3. If your child is accepted you will receive a packet of additional information and forms.
4. **Return Application:**
   - via email in pdf format to yvonne.petitt@du.edu;
   - via fax at 303.871.4450
   - or via mail to:
     Engineering Summer Day Camp
     Department of Mechanical and Materials Engineering
     2155 E. Wesley Ave, Room 279
     Denver CO 80208

Persons with a disability needing accommodations should contact Yvonne Petitt at 303-871-2107, yvonne.petitt@du.edu as soon as possible.

Thank you for your interest in our summer camp program. We look forward to receiving your application.

Dr. Breigh Roszelle
Teaching Assistant Professor
Director of the Engineering Summer Day Camp
University of Denver  
Women’s Engineering Summer Day Camp  
2017 Student Application

<table>
<thead>
<tr>
<th>Student’s Name:</th>
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<tbody>
<tr>
<td>Current Grade Point Average</td>
</tr>
<tr>
<td>(include a school transcript for</td>
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<tr>
<td>the past 12 months)*</td>
</tr>
<tr>
<td>School Name:</td>
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<tr>
<td>School District:</td>
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<tr>
<td>Age:</td>
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<tr>
<td>Grade level student is entering</td>
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<tr>
<td>for 2017-18 school year:</td>
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<tr>
<td>Gender:</td>
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<tr>
<td>Address:</td>
</tr>
<tr>
<td>Phone Number:</td>
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<tr>
<td>Parent’s Email (Please make</td>
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<tr>
<td>sure this is legible):</td>
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<tr>
<td>Student’s Email (Please make</td>
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<td>sure this is legible):</td>
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<tr>
<td>How did you hear about this</td>
</tr>
<tr>
<td>Women’s Engineering Camp?</td>
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</tbody>
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*unofficial transcript is acceptable.*

1. What are your favorite school subjects?

2. What do you do in your spare time?
3. What will be the most exciting part for you about going to an engineering camp?

4. Circle any of the following that you have had experience with (this does not impact your chances of getting into camp). Add details where applicable.

   - Computer programming
   - Algebra/Trigonometry
   - Electronics
   - Woodworking/machining
   - Physics

5. Is there anything else you want us to know about you? (If necessary, please use separate sheet)

I certify that the information given on this application is complete and accurate. I understand that providing false, misleading or incomplete information will be the basis for denial of admission and/or revocation of scholarship funds. If requested, I hereby agree to provide proof of the information that I have given on this application form.

Name of Student (please print) ____________________________
Signature of Student ____________________________
Date: ____________________________

Name of Parent or Guardian (please print) ____________________________
Signature of Parent or Guardian ____________________________
Date: ____________________________
There are need-based financial scholarships available for this camp. If you are interested in receiving a partial financial scholarship for summer camp, please answer the following:

1. Why are you interested in attending this engineering camp?

2. How do you believe this camp will impact your future plans?

3. As our scholarships are need-based, please indicate your family’s annual income:
   a. under $20,000 _____
   b. $20,000 to 35,000 _____
   c. $35,001 to 50,000 _____
   d. $50,001 to 75,000 _____
   e. $75,001 to 100,000 _____
   f. Over $100,001 _____

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______________________________
Signature of Student

______________________________
Name of Parent or Guardian (please print)

______________________________
Signature of Parent or Guardian

Date: _______________________

Date: _______________________

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