2017 CEMC Workshop in Computer Science for Young Women

What is the goal?

To ignite enthusiasm for Computer Science in young women with little or no previous exposure to computer science.

Who is it for?

Female grade 9 and 10 students with an aptitude for mathematics attending a Canadian high school or middle school. Participants should not have attended any similar workshop.

When and where are they?

Saturday, May 13 to Saturday May 20, 2017 at the University of Waterloo, Waterloo, Ontario.

How much does it cost?

There is a $150 registration fee to be paid after invited applicants have received their confirmation package.
- o Accommodations, meals and other expenses for the week are included at no extra cost.
- o Air fare expenses will also be paid by the CEMC.

How do I apply?

All applications must be submitted using our online application system.
1. We are looking for applicants who enjoy problem-solving and are excited by new ideas but have little or no previous exposure to computer science. Write a short essay (1000-1500 characters, full sentences and paragraphs) about why you would be a good candidate. Don't be afraid to brag about yourself!
2. Ask your Math, Science or Computing teacher to fill out an on-line reference form for you. When you apply, you will receive a URL that your teacher can use to fill out the reference form.
3. Visit www.csgirlsrock.ca to fill in your application and submit your essay.

What is the timeline for online applications?

- o Thursday, February 23, 2017   Applications must have been received by the CEMC.
- o Thursday, March 23, 2017   Acceptances are emailed to invited applicants by this date.

What will I learn?

Lectures, labs, and hands-on activities typically investigate ideas demonstrating the breadth of Computer Science. For example, this might include introductions to cryptography, Bioinformatics, Internet search engines, graphics, human-computer interaction and hardware. All sessions are lead by university professors and graduate students.

Who is selected?

We receive many applications for this workshop. Application packages are reviewed carefully. We typically receive more qualified applicants than spots available, and we use lotteries to select from among similarly-qualified applicants. We are looking for participants with an aptitude in mathematics but little or no previous exposure to computer science.

Where can I get more information?

E-mail csgirls@uwaterloo.ca or visit www.csgirlsrock.ca. More details will be mailed out to those who are accepted.