The Computer Science and Software Engineering Programs in the School of Engineering at Quinnipiac University are sponsoring a High School Computer Programming Competition. The competition will be held on Saturday, March 21, 2020 at Quinnipiac University in Hamden, CT. Each high school may send up to **two** teams of students where each team may have two or three students. Additional teams may be placed on a waiting list. If space is available after the registration deadline (Saturday, March 7, 2020), third teams will be added in the order registration is received. There must be at least one advisor from each high school.

Student teams will work together to solve programming problems. Programs may be written and submitted in either Java or C++. Each team may specify the language they choose to use. We will provide an appropriate programming environment for each language. The competition consists of problems ranging from relatively easy to relatively difficult. Scoring will be based on whether the submitted program compiles and runs, and whether it solves the specified problem. The team that solves the most problems wins; ties are broken by the time of last successful submission.

The Computer Science and Software Engineering Programs in the School of Engineering will provide one computer per team. Each team may bring to the competition any paper-based references they choose. Teams may not use Internet-based reference materials.

Prizes will be awarded to the top three teams. Each team member and advisor will receive a tee shirt.

# **Schedule**

8:30 am – Arrival and Registration

9:00 am – Welcome by the CSC and SER Programs

9:30 am – Programming Competition (3 hours)

12:30 pm – Lunch and Prizes

1:30 pm – Campus Tour, if interested

# **Sample Programming Problems**

Problems from previous competitions are available on request.

To participate, please complete the attached registration form and return it to

Prof. Mark Hoffman

Quinnipiac University

TH-ENR

275 Mount Carmel Avenue

Hamden, CT 06518

or send e-mail to mark.hoffman@quinnipiac.edu .

The registration deadline is Saturday, March 7, 2020. Please register early as space is limited.

|  |  |
| --- | --- |
| Mark Hoffman, PhDProfessor of Computer Science and Software Engineering |  |

Quinnipiac University High School Programming Competition

Registration Form

1. School Information

|  |  |
| --- | --- |
| School: |  |
|  |  |
| Mailing Address: |  |
|  |  |
| Telephone Number: |  |
|  |  |
| E-Mail Address |  |

1. Student Team (Each team may have up to three members. Please submit a separate form for each team.)

|  |  |  |  |
| --- | --- | --- | --- |
|  |   |  | Tee Shirt Size |
|  |  |  |  |
| Student 1: |  |  |  |
|  |  |  |  |
| Student 2: |  |  |  |
|  |  |  |  |
| Student 3: |  |  |  |
|  |  |  |  |
| Advisor: |  |  |  |

1. Programming Language

|  |  |
| --- | --- |
| Programming Language: |  Java C++ |
| (Circle one) |  |
|  |  |

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