

**IEEE Xtreme PROGRAMMING COMPETITION 16.0**  
(Sponsored by: HUAWEI, IEEE)

Many students are doing the software design for individual projects, courseworks or just for the personal interests. The IEEE provides competitions every year for students to solve engineering and other tasks using the programming (coding). This year the competition *IEEE Xtreme 16.0* is the virtual competition. Students can use any programming language which they prefer from the list of supported programming languages (C/C++, Java, PHP, Fortran, Python, etc.). The programming of the task, compilation and execution of programmes will be done online using the Virtual Machine which is provided on the IEEE server:  
<https://xtreme.vtools.ieee.org/>

Coventry University students successfully participated in previous competitions.

*IEEE Students: Show the world your computer coding skills in IEEE Xtreme 16.0! The competition takes place on 22 October at 00:00 UTC. The deadline to register your team is 20 October at 23:59 UTC. Teams of up to 3 IEEE Students can compete for bragging rights, certificates, and prizes. Get more information and register here (<https://ieeextreme.org/>) #ieeextreme*

In order to register for the competition students must have an IEEE membership. At this time, students can receive a 50% discount on their IEEE membership dues which will bring the cost down to USD \$13.50. In order to join they would need to go to

[https://www.ieee.org/membership/join/more-visibility.html?gclid=CjwKCAjwkaSaBhA4EiwALBgQaN3r1LFGkuhufAwQx1n0ub7ZpWXcg\\_DrgGup1uRfZ0wAmXTGpXlmixocRA8QAvD\\_BwE](https://www.ieee.org/membership/join/more-visibility.html?gclid=CjwKCAjwkaSaBhA4EiwALBgQaN3r1LFGkuhufAwQx1n0ub7ZpWXcg_DrgGup1uRfZ0wAmXTGpXlmixocRA8QAvD_BwE)

- click on the "Join IEEE as a student" button, follow the prompts, and enter the promotional code FUTURE50 at checkout. It is important to note that it will take 24-48 hours for the system to process the registration, so students would need to join very soon if they wish to compete this year. It should be noted that if they join now, their memberships will last through 31 December 2023, so they will be eligible to compete in IEEE Xtreme 17.0 next year as well.

There is no minimum level of computer programming expertise required to participate, but there is certainly an advantage in having some experience.

Examples of challenges from previous IEEE Xtreme competitions can be found here <https://csacademy.com/ieeextreme-practice/>.



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# TALK IS CHEAP SHOW ME THE CODE

IEEE Xtreme is a global challenge in which teams of IEEE Student members, advised and proctored by an IEEE member, and often supported by an IEEE Student Branch – compete in a 24-hour time span against each other to solve a set of programming problems.

## WHAT COULD I GET?

**Fame:** Unlimited bragging rights and an item for your resume

**First Place:** Expenses covered trip to the IEEE conference of your choice, anywhere in the world, (10,000 USD Max/Team). Alternatives can be provided should travel be restricted

**Second Place:** Each member of the team will receive a 400 USD cash award!

**Third Place:** Each member of the team will receive a 300 USD cash award!

**STARTING 00.00.00 UTC  
22<sup>ND</sup> OCT 2022**

**REGISTER  
NOW!**

<http://xtreme.vtools.ieee.org>

## WHO CAN COMPETE?

Teams up to 3 collegiate students who are current IEEE members. Any college or university can form multiple teams

## WHERE WILL IT BE HELD?

IEEE Xtreme is a virtual event. Teams often organize around their local student branches.

## HOW CAN I PRACTICE?

Get a taste of what IEEE Xtreme is like by visiting our practice community. Log on to:

[csacademy.com/ieeextreme-practice](https://csacademy.com/ieeextreme-practice)

## NOT AN IEEE MEMBER?

Join Today at:

[www.ieee.org/membership/join](http://www.ieee.org/membership/join)

 FOR MORE INFO, VISIT  
[IEEEXTREME.ORG](http://IEEEXTREME.ORG)

    | [ieeextremeofficial](https://ieeextremeofficial)