

ignite excellence

ROBOTICS OPPORTUNITIES

Grace Lutheran College is a national leader in the field of robotics. As Queensland's home base for several FIRST® Robotics events, Robotics at Grace College touches hundreds of students every year from both the South East Queensland region and beyond. Grace College has a Memorandum of Understanding with innovative robotics schools in China, as well as close ties with Macquarie University in Sydney. There is no other high school in Australia that can boast the same level of involvement across so many international robotics competitions. Additionally, The Educator magazine has previously named Grace Lutheran College one of Australia's top 40 innovative schools for our focus on STEM and robotics.

IGNITE EXCELLENCE: ROBOTICS OPPORTUNITIES

From Year 8, students can elect to study Digital Solutions, and use latest generation Lego SPIKE Prime kits to complete a range of new challenges.

In Years 7, 8 & 9, students can participate in the FIRST® Lego League Annual Challenge. Students are also eligible to be selected to compete at Regional FLL Robotics Competitions.

In Years 9 - 12 students who continue to show commitment and interest in the College's robotics program can participate in FIRST®'s Intermediate Level Robotics Tech Challenge. Selected teams are invited to compete at the Queensland Regional Competition. This is the premier robotics event for the entire State.

Selected students can be chosen to participate, lead or mentor co-curricular robotics teams, or to participate in State, National or International competitions. This demonstrates the highest level of High School robotics in Queensland.



ROBOTICS EVENTS AND TRAINING AT GRACE:

- Queensland host FIRST Tech Challenge;
- Regional host Junior FIRST Lego League;
- Queensland host of Macquarie University backed RoboCamps;
- International Competitions with FIRST Lego League (e.g. China, Dubai, USA competitions).

IGNITE EXCELLENCE ROBOTICS APPLICATION PROCESS

Robotics opportunities are advertised in the Student Daily Notices.

No prior application process is required.

Students can simply sign up to participate in the Robotics opportunities when they are advertised during the academic year.



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