

What future career opportunities can be explored?

AAM students will develop skills and knowledge which can lead to a range of career opportunities in Advanced Automation and Manufacturing:

- Process Control & Monitoring
- Industrial Automation & Robotics
- Industrial Internet of Things (IIoT)
 - Lean Manufacturing
- Digital Literacy/Data Analytics
- Manufacturing Processes
- Autonomous Maintenance
- Programmable Logic Controller (PLC)
- Human Machine Interface (HMI)
- Green Production and Environmental Sustainability

HOW CAN I REGISTER FOR AAM?

Register for

TIJ 10M **Exploring Technologies**

when you are making your
Grade 9 course selections.

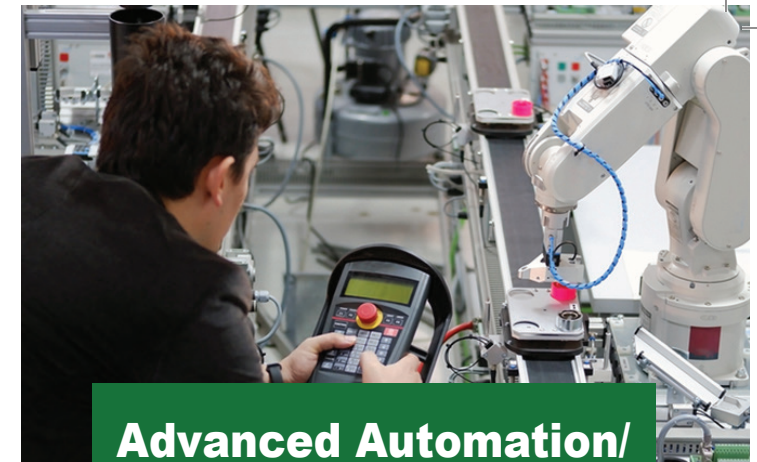
NEED MORE INFORMATION?

For more information about AAM at Bishop
Ryan CSS, please contact:

Program / Course Details

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Advanced Automation/ Manufacturing (AAM)



Bishop Ryan CSS

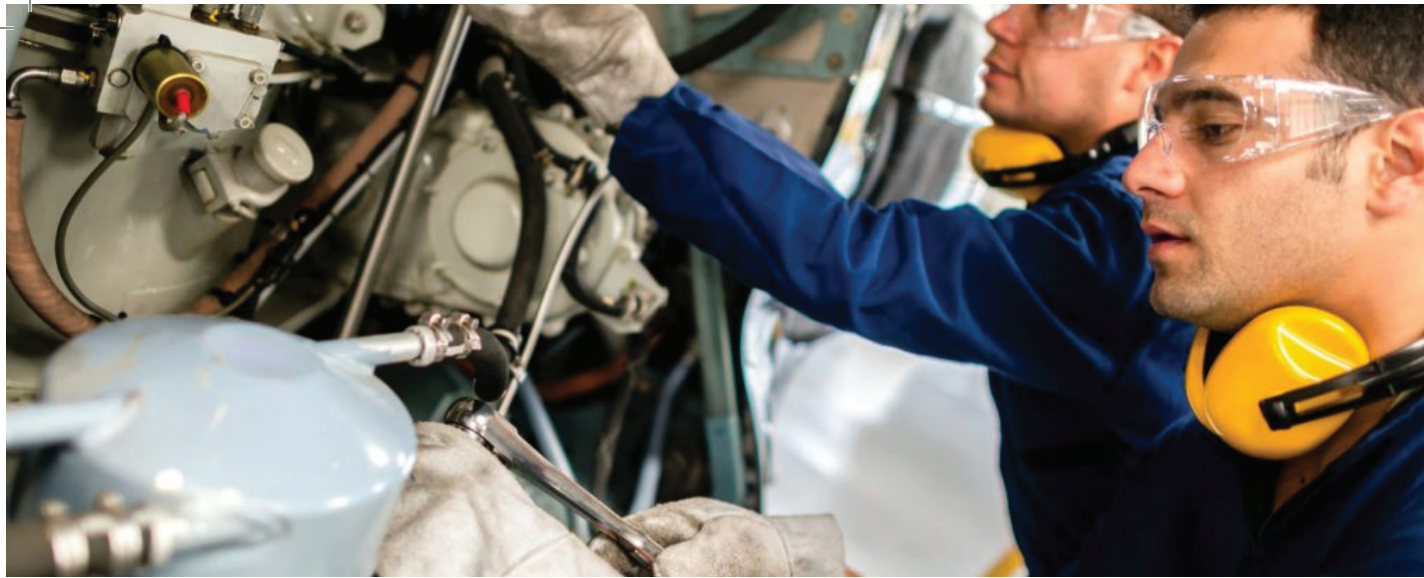
EARLY COLLEGE GRADUATION PROGRAM

*Earn an Ontario Secondary School
Diploma, an Ontario College Certificate and
a professional certification in four years!*



Hamilton-Wentworth Catholic District School Board
Believing. Achieving. Serving.

MOHAWK
COLLEGE



What is AAM?

Advanced Automation/Manufacturing (AAM) is an Early College Graduation Program offered exclusively at Bishop Ryan Catholic Secondary School in Hamilton, in collaboration with Mohawk College.

In 4 years, students can earn their Ontario Secondary School Diploma (OSSD), a one-year Ontario College Certificate in Advanced Manufacturing Operations, and the Manufacturing Skills Standards Council (MSSC) Certified Production Technician certification. Students will be ready for entry level work in manufacturing or continued post-secondary education by the time they graduate.

Students in the AAM program will:

- Enroll in regular high school courses required to earn their OSSD;
- Enroll in dual credit courses taught by a Mohawk College instructor and a high school teacher; and,
- Engage in experiential learning opportunities with industry partners, i.e., exploring various careers through internship, coaching and mentoring.

...all at no cost to the student!

Who is eligible for AAM?

Bishop Ryan CSS's AAM program is intended primarily for interested and motivated incoming Grade 9 students.

AAM students must demonstrate:

- An interest in technology;
- Good work habits, curiosity, and an eagerness to further develop skills;
- Regular school attendance; and,
- A willingness and motivation to participate in extended day and/or summer programs.

