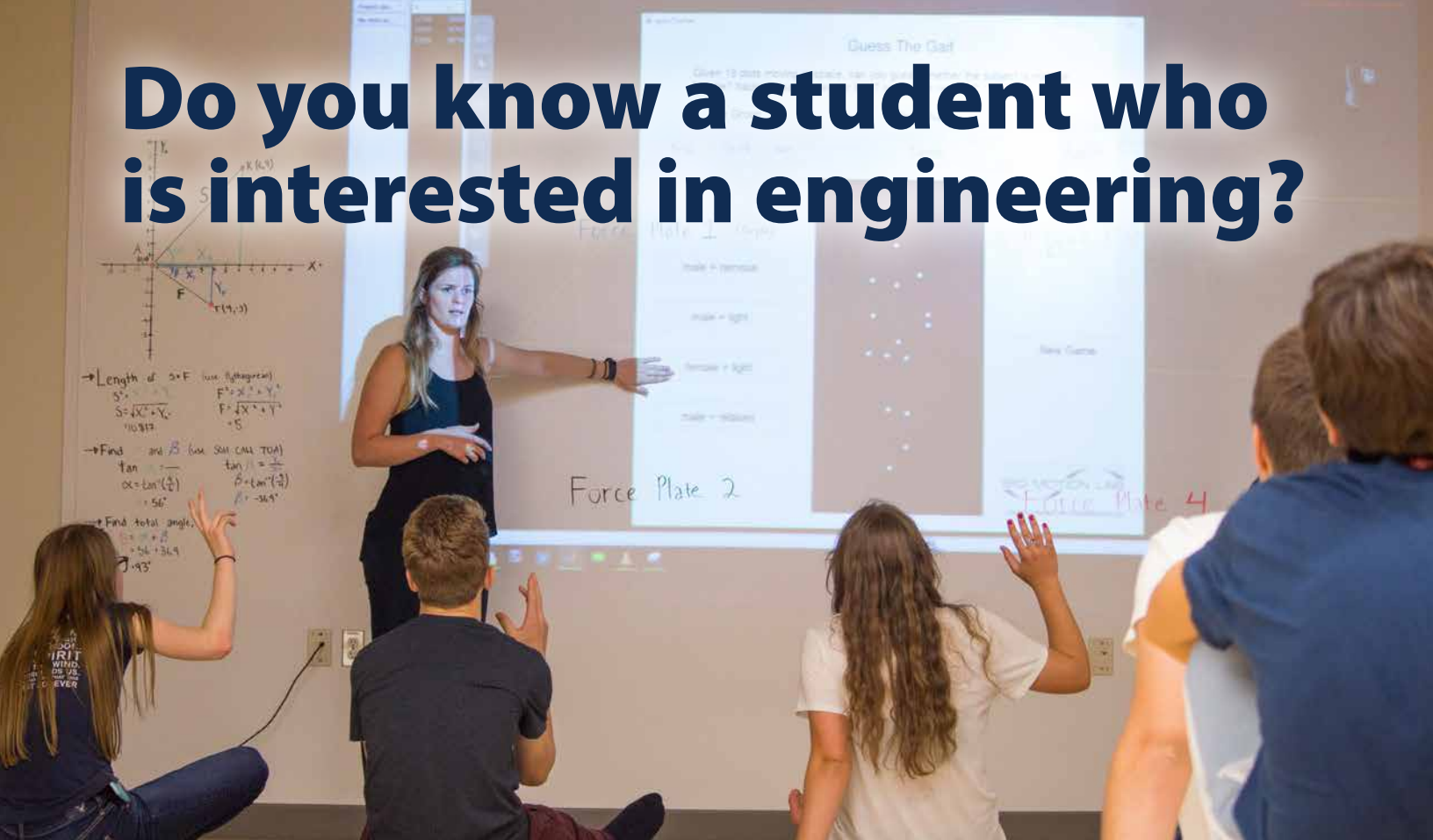


Do you know a student who is interested in engineering?



Students in grades 7 through 11 (2018 - 2019 academic year) can gain an introduction to the Queen's Engineering experience with **Connections: Queen's Summer Engineering Academy (QSEA) or QSEA Jr.**

With both residence and day options available, the QSEA program is an engineering-focused educational summer program that exposes students to engineering design and various engineering disciplines and concepts using research/lab facilities and thought provoking projects to inform and engage students.

The Academy runs in July and August, and offers three concurrent programs per week. Students can attend a one-week session, or to get a complete picture, they can sign up for multiple weeks.

"I developed a more accurate interpretation of each branch of engineering and have discovered a few that I did not previously know." - QSEA student

"I wanted to congratulate you on the depth and breadth of your QSEA program. My child had a blast and was very impressed by the diversity of activities, and is very excited to come back next year." - QSEA parent



For more information, check out our website: queensconnections.ca/qsea



2019 Program Delivery Dates for QSEA (Gr. 9 – 11) and QSEA Jr. (Gr. 7 & 8)

Date	Course Option	Grade	Price (Commuter, Residence)		Description
July 8— July 12	QSEA Course A	9-11	\$450	\$1250	Engineering 101: Design, Mechanical, Civil, Chemical, Electrical, & Mining
	QSEA Course B	9-11	\$450	\$1250	Designing a Prosthetic Limb: Innovating solutions through a multi-disciplinary approach
	QSEA Jr. Course A	7-8	\$325	\$1125	Designing a Mars Rover: Using Lego Mindstorm robotics to engineer a solution
July 15— July 19	QSEA Course C	9-11	\$450	\$1250	Applied Science 101: Design, Eng. Physics, Geological, Civil, Eng. Chem, Applied Math
	QSEA Course D	9-11	\$450	\$1250	Designing a Hyperloop Vehicle: Innovating solutions through a multi-disciplinary approach
	QSEA Jr. Course B	7-8	\$325	\$1125	Using engineering design to create sustainable solutions for today's challenges.
July 22— July 26	QSEA Course A	9-11	\$450	\$1250	Engineering 101: Design, Mechanical, Civil, Chemical, Electrical, & Mining
	QSEA Course B	9-11	\$450	\$1250	Designing a Prosthetic Limb: Innovating solutions through a multi-disciplinary approach
	QSEA Jr. Course A	7-8	\$325	\$1150	Designing a Mars Rover: Using Lego Mindstorm robotics to engineer a solution
July 29— Aug 2	QSEA Course C	9-11	\$450	\$1250	Applied Science 101: Design, Eng. Physics, Geological, Civil, Eng. Chem, Applied Math
	QSEA Course D	9-11	\$450	\$1250	Designing a Hyperloop Vehicle: Innovating solutions through a multi-disciplinary approach
	QSEA Jr. Course B	7-8	\$325	\$1125	Using engineering design to create sustainable solutions for today's challenges.
Aug 12— Aug 16	QSEA Course A	9-11	\$450	\$1250	Engineering 101: Design, Mechanical, Civil, Chemical, Electrical, & Mining
	QSEA Course B	9-11	\$450	\$1250	Designing a Prosthetic Limb: Innovating solutions through a multi-disciplinary approach
	QSEA Course C	9-11	\$450	\$1250	Applied Science 101: Design, Eng. Physics, Geological, Civil, Eng. Chem, Applied Math

Residence Option:

A complete university experience where students live in a premium residence, attend daytime engineering classes, eat meals in a campus dining hall, and participate in evening activities on Queen's campus and around the Kingston area.

Included with the Residence Option:

- Five nights of single occupancy residence accommodation
- Five breakfast, lunch, and dinners
- Full supervision during workshops and evening activities
- All course materials, including QSEA t-shirt
- No additional costs & taxes are included

Commuter Option:

A university experience that is perfect for students who live within commuting distance to campus. Students attend daytime classes and experience the university routine of living off campus.

Included with the Residence Option:

- Five lunches
- Full supervision during workshops
- All course materials, including QSEA t-shirt
- No additional costs & taxes are included

For more information about course content and funding options, check out our website:

queensconnections.ca/qsea