

Pre-College Programs

Summer Youth Experience



Summer at WPI

Summer at WPI is a perfect opportunity for students to explore their passions. Get hands-on, expert instruction by WPI faculty and coaches, and enjoy state-of-the-art labs, classrooms, and athletic facilities.



STEM Day

Make discoveries in science, technology, engineering, and math. Try your hand at biology, computer science, drone exploration, robotics, video game design, and more! For students entering grades 4–10.



Residential Programs

Experience college life firsthand—stay on campus and meet friends from around the world! Explore the outer limits of science, technology, engineering, and math with the Camp Reach, Launch, or Frontiers program.



Sports Camps

Take the game to the next level. Develop athletic, team-work, and leadership skills while training alongside peers, plus Worcester college coaches and athletes. Choose from a wide selection of sports camps for students entering grades 2–12.



Register

Registration opens **Saturday, February 1, 2020, at 9 am.** Some programs have application deadlines. Please refer to the program-specific information for more details.

wpi.edu/+summer

*Partial tuition assistance available on a limited basis.
See website for details.*

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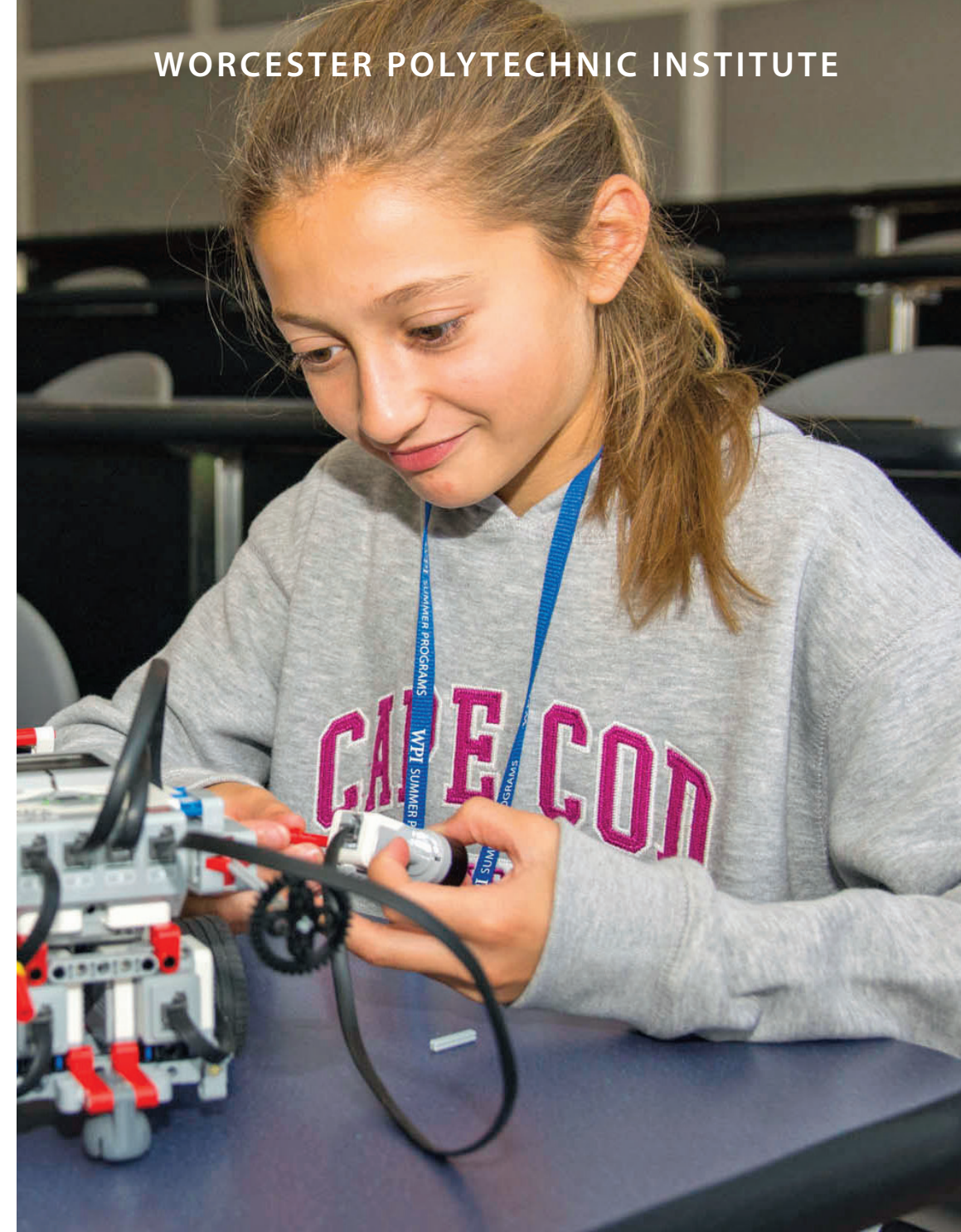


Worcester Polytechnic Institute
Pre-Collegiate Outreach Programs
100 Institute Road
Worcester, MA 01609



wpi.edu/+summer

WORCESTER POLYTECHNIC INSTITUTE



Pre-College Programs

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Liftoff Scheduled: June 13, 2020
Join us at TouchTomorrow, a family-friendly festival featuring hands-on experiments, research lab activities, and interactive exhibits for all ages! wpi.edu/+touchtomorrow

wpi.edu/+summer

508-831-4900 | pop@wpi.edu



@wpipop

Online registration powered by active.com.



SPARK

Spark creativity and innovation in students entering grades 4–6. Set a foundation in science, technology, engineering, and math (STEM) that will last a lifetime.

Tuition: \$595



IGNITE

Ignite passions in complex topics for students entering grades 7–8. Deepen their understanding of STEM to prepare them for high school.

Tuition: \$695



CAMP REACH

Awarded the *Presidential Award for Excellence in STEM Mentoring* A **two-week residential discovery experience** exposes girls entering 7th grade to science and engineering concepts, working with college students and faculty. Includes follow-up programs throughout the school year.

Tuition: \$1,495

Application Deadline: April 1*



All programs include lunch in the WPI dining hall.

SCHEDULE		Grade Level	Tuition	Schedule	June 22–26	June 29–July 3	July 6–10	July 13–17	July 20–24	July 27–31	August 3–7
	Junior Robotics Challenge	5–6	\$595	9 am–4 pm							
	Junior Robotics Challenge	5–6 (girls)	\$595	9 am–4 pm							
	Learn to Code	5–6	\$595	9 am–4 pm							
	Physicspalooza	5–6	\$595	9 am–4 pm							
	RoboCode Challenge	4	\$595	9 am–4 pm							
	RoboCode Challenge	5–6	\$595	9 am–4 pm							
	Video Game Design	5–6	\$595	9 am–4 pm							
	Women in Science	5–6 (girls)	\$595	9 am–4 pm							
	Music Technology	7–8	\$695	9 am–4 pm							
	Physics	7–8	\$695	9 am–4 pm							
	Programming with Python	7–8	\$695	9 am–4 pm							
	Robotics	7–8	\$695	9 am–4 pm							
	STEM Club	7–8	\$695	9 am–4 pm							
	Video Game Design	7–8	\$695	9 am–4 pm							
	Camp Reach *	7 (girls)	\$1,495	Residential (2 weeks) ^							
	Launch (Day)	9–10	\$895	9 am–4 pm							
SPORTS CAMPS	Launch (Residential)	9–10	\$1,295	Residential (1 week) ^							
	Frontiers I *	11–12	\$3,095	Residential (2 weeks) ^							
	Frontiers II *	11–12	\$3,095	Residential (2 weeks) ^							
	Frontiers for Credit	11–12	\$5,995	Residential (4 weeks) ^							
	Baseball	2–11	\$345	9 am–4 pm							
	Basketball	4–9 (boys)	\$280	9 am–4 pm (M-Th)							
	Basketball	2–11 (girls)	\$345	9 am–4 pm							
	Competitive Swim	3–11	\$345	9 am–4 pm							
	Field Hockey	2–12	\$345	9 am–4 pm							
	Football Skills	2–11 (boys)	\$280	9 am–4 pm (M-Th)							
	Rowing	8–12	\$495	9 am–4 pm, Sat 8–10 am							
	Soccer	2–9	\$345	9 am–4 pm							
	Soccer Middle & High School	7–12	\$280	9 am–4 pm (M-Th)							
	Softball	2–11	\$345	9 am–4 pm							
	Volleyball	6–12	\$345	9 am–4 pm							

Programs/camps are mixed gender, unless otherwise noted.



LAUNCH

Launch knowledge through a learning and research program for students entering grades 9–10. Leverage research and technology to find solutions to current problems. Available as a **residential or commuter program**.

Topics:

- Apps for Good
- Biology & Biotechnology
- Chemistry/Biochemistry
- Computer Science
- Cybersecurity
- Electrical and Computer Engineering
- Interactive Media and Game Design
- Physics
- Robotics (VEX)

Tuition: \$895 commuter/\$1,295 residential



FRONTIERS

Students entering grades 11–12 experience college life firsthand in a **two- or four-week residential program**. Explore the outer limits of knowledge in STEM and the humanities in hands-on classes and labs, make lifelong friends, and enjoy extracurricular activities with participants from across the world. Learn more and see a full list of course offerings at wpi.edu/+frontiers.

Tuition:

\$3,095 for session I or II
\$5,295 for both sessions
\$5,995 for Frontiers for Credit

Application Deadline: May 15*



SPORTS

Athletic, teamwork, and leadership skills are developed in youth entering grades 2–12. WPI coaches and athletic staff, along with area coaches and college athletes, offer expert knowledge in an environment emphasizing positive reinforcement. All day programs include lunch in the dining hall and may include an optional daily swim.

Tuition: Varies (see schedule)

* These programs require submission of an application and additional documents. Participants will be notified of their acceptance status.

^ Residential programs begin with move-in on Sunday.



View full course descriptions, program details, and register at wpi.edu/+summer.