Summer camp options

May 11, 2018

Register now for summer camps at MSU Engineering

Now that the weather has warmed up, it’s the perfect time to plan summer activities for teenagers and children to expand their experiences in a fun environment at the Michigan State University College of Engineering.

A variety of summer programs for kids interested in science, technology, engineering and math (STEM) feature robotics, radar, and a comprehensive introduction to engineering. Programs taught by MSU engineering faculty include both residential and commuter camps for a variety of age ranges.

Summer 2018 programs are currently open for enrollment and include:

Spartan Engineering For Teens – Commuter

Plunge into engineering in this commuter program working together with science teachers and engineering faculty to design and build experiments. You’ll work with microsensors and robots, and be involved in short courses, demonstrations, field trips and hands-on experiments that introduce you to opportunities in the various fields of engineering. This summer co-ed commuter course is for students entering the 8th and 9th grades in Fall 2018 - 1 to 5 p.m., June 18 - 22.

Details: www.egr.msu.edu/future-engineer/programs/spartan-engineering-teens-commuter

Spartaneering LEGO Robotics Plus - Commuter

This hands-on camp teaches students to work in teams to build and program robots using the LEGO NXT Robotics Invention System – then face off against other teams in robot vs. robot competitions. This is a summer, co-ed commuter program for students who will be in the 4th to 8th grades in Fall 2018. Students will be dropped off at 8 a.m. and picked up at noon, Monday-Friday.

Session 1: Monday, June 18 – 8 a.m. to noon, to Friday, June 22. Details:

www.egr.msu.edu/future-engineer/programs/spartan-engineering-teens-commuter
Session 2: Monday June 25, 8 a.m. to noon, through Friday, June 29. Details:  

Session 3: Monday, July 16, 8 a.m. to noon, through Friday, July 20.  

Introduction to Radar For Student Engineers – Residential

Learn about radars, and signal processing and work as part of a team building a working radar system. Instructors will focus on topics such as radar development, radio waves and ranging, radar range equations, and radar signal modeling. Get a behind-the-scenes look at research labs and meet with faculty and staff from across the MSU College of Engineering. This co-ed summer residential program is open to students entering grades 11 and 12 in Fall 2018, as well as incoming freshmen from Sunday, July 8, (all day) to Friday, July 13, (all day).

Details: www.egr.msu.edu/future-engineer/programs/introduction-radar-student-engineers-residential-0

Making a Game of IT

Learn problem solving, logic, and coding and build your own video game in this week-long residential camp. This summer residential program runs from Sunday, June 17, (all day) to Friday, June 22, 2018 (all day) for students entering grades 11 and 12 in Fall 2018, as well as incoming freshmen.

Details: www.egr.msu.edu/future-engineer/programs/making-game-it

Interested families can apply online for these fun, career-focused summer camps. Deadlines for each program are quickly approaching. More information is available at http://www.egr.msu.edu/future-engineer/programs

Related Website: Communications contact: Patricia Mroczek