

SPRINGFIELD

STCC offers summer programs

Springfield Technical Community College offers a variety of career exploration opportunities over the summer for middle and high school students as well as for students beginning their education at STCC in the fall.

"As the only technical community college in Massachusetts, STCC is a leader in science, technology, engineering and math (STEM) education. We hope you'll join us this summer to explore the many career opportunities available in the STEM field. STCC is committed to our community and we are pleased to invite you to spend part of your summer on our historic campus," said college president John B. Cook.

The following opportunities are available at STCC:

■ **Engineering Technologies Math Boot Camp:** A free, two-week program (Aug. 13 through 24) for students who have been accepted into engineering technologies programs (electrical engineering technology, electronic systems engineering technology, optics and photonics, mechanical engineering technology, computer systems engineering technology, and related certificate programs). The Math Boot Camp prepares students for success before they enter their math class in the fall semester. Criteria for participation in the boot camp are: 1) Accuplacer placement into Algebra I or Algebra II; 2) acceptance into one of the listed associate degree or certificate programs. For more information, contact Marta Burgos at myburgos@stcc.edu or 413-755-5424.

■ **STEM Conference for Girls:** STCC will hold a free, one-day STEM conference for girls on July 18. Students will participate in workshops, do hands-on activities and spend time with college students, faculty, and other community professionals to learn about STEM opportunities. Criteria for participation are: 1) current middle school and high school girls; 2) past participation in STEM programming offered



Students in STEM Starter Academy at STCC last summer tested out a suspension bridge they built as one of their activities on campus. This year's six-week STEM Starter Academy begins on July 2.

through HSI STEM, Urban League, and Latino Educational Institute. Contact Marta Burgos at myburgos@stcc.edu or 413-755-5424.

■ **STEM Starter Academy:** A six week (July 2 through Aug. 10), all-expenses paid summer program for recent high school graduates. The STEM Starter Academy provides students with an introduction to STCC, two college-level courses, academic support and fun and interesting field trips so they are prepared for their fall semester. Students also receive a \$400 stipend for their own use upon completion. Open to new students who have been accepted to STCC and have graduated from high school in the last two years with a focus on those interested in a STEM program. Contact the STEM Starter Academy Director Reena Randhir at rrandhir@stcc.edu or 413-755-4576.

■ **The Big Three STEM Pipeline Initiative through Urban League:** This summer program begins July 3 and educates 20 high school students on STEM jobs, careers, and entrepreneurial paths in three fast-developing fields: health, game science, and cybersecurity. Program benefits include discussions with content experts, visits to local businesses and higher education institutions, student project development opportunities,

and familial engagement. The program will be held at STCC on Tuesdays and Thursdays from 9 a.m. to 1 p.m. Interested students must apply. Completed applications can be dropped off or mailed to Dinah Moore at the Urban League, One Federal St., Bldg. 111-3, Springfield MA, 01105, or scanned and emailed to: dmoore@ulspringfield.org. Applications are due by Friday. For details, call 413-739-7211, Ext. 102.

■ **Topics in Biological Research (BIO-117):** Topics in Biological Research (July 9 through Aug. 9, 8 a.m. - noon) is an opportunity for students to be involved in hands-on open-ended research into the urban ecology of the STCC campus. Students will learn concepts of urban ecology and will then develop their own questions, gather data and present their conclusions at a poster session. An opportunity to present at a national undergraduate conference may also be possible. This is a college-level transferable lab-science course. BIO-117 is sponsored by the STEM Starter Academy with the goal of getting interested students involved in science. To that end, STEM Starter Academy is subsidizing tuition and this course is free to qualified students. Contact the STEM Starter Academy Director Reena Randhir at rrandhir@stcc.edu or 413-755-4576.