

LEARN MORE

www.ranken.edu/adventureacademy

Middle School & High School Adventure Academies

Online registration begins March 2, 2020
Nonrefundable registration fee: \$95
Includes lunch, snacks, tools, equipment
and fun projects with experienced
instructors!



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4431 Finney Avenue, St. Louis, MO
755 Parr Road, Wentzville, MO
1205 Corporation Lane, Perryville, MO

RANKEN

TECHNICAL COLLEGE

powered by
techgirlz

Ranken's Mission

Ranken Technical College is a private, nonprofit, degree-granting institution of higher learning whose primary mission is to provide the comprehensive education and training necessary to prepare students for employment and advancement in a variety of technical fields.



THIS SUMMER

Work with your hands.
Expand your mind.



RANKEN

ADVENTURE ACADEMY®



Middle School Camps

Rising 6th, 7th & 8th Graders

St. Louis, MO

JULY 13 - 17, 2020, 9AM TO 3PM

All A-Bot Robots build a robot using LEGO Mindstorms® technology

Advanced Robotics develop engineering skills using TETRIX Prime

Android App Inventor develop applications for Android phones or tablets, including a Magic 8 Ball app and a Xylophone app

Aviation Technology explore the science of aviation and the joy of flight

Cartography & Web Design Powered by TechGirlz, girls will learn cartography (map drawing) using real world data, creating custom maps, crowd sourcing, & designing their own website to creatively tell their story

Design and Engineering learn about machining and the engineering design process

EV3 Robotics & Racing @ Victory Raceway race electric-powered racing karts and build & program LEGO EV3 robots - Transportation not provided

Heavy Metals design and fabricate your own metal masterpieces

Summer Racers build and race go-karts as part of a real race team

Wood Works woodworking and power tools – design it and build it

High School Camps

Rising 9th & 10th Graders

St. Louis, MO

JULY 20 - 24, 2020, 9AM TO 3PM

Airbrushing Paint FX learn popular, artistic airbrushing techniques

Boot-Up Computer Camp explore operating systems and networking

Design and Engineering learn about machining and the engineering design process

Heavy Metals design and fabricate your own metal masterpiece

Remote-Control Race Engineering learn to modify and race an RC car

TETRIX Robotics Technology build your own robot and apply engineering design principles while expanding your technical skills

Women in Engineering experience the fun and excitement of solving engineering challenges on a team of like-minded young women

Rising 11th & 12th Graders

JULY 20 - 24, 2020, 9AM TO 3PM

Adventures in Architecture experience architecture and the build environment through designing, sketching, drafting, and model building

Drone Aerial Systems learn to fly and video record with one of today's hottest hobbies

Middle School Camps

Rising 6th, 7th & 8th Graders

Wentzville, MO

JULY 20 - 24, 2020, 9AM TO 3PM

All A-Bot Robots build a robot using LEGO Mindstorms® technology

Android App Inventor develop applications for Android phones or tablets, including a Magic 8 Ball app and a Xylophone app

High School Camp

Rising 9th, 10th, 11th, 12th Graders

Perryville, MO

JULY 20 - 24, 2020, 9AM TO 3PM

Heavy Metals design and fabricate your own metal masterpieces

