



**STLCC**  
**at Forest Park**  
5600 Oakland Ave.  
St. Louis, MO 63110

**Important Dates:**

**March 6:**  
Registration  
opens online  
at 8:30 a.m.

**May 31:**  
Last day  
to register  
or withdraw  
with a refund

**June 24-27:**  
Xploration  
Healthcare  
9 a.m. - 3:30 p.m.

**June 27:**  
Graduation  
Ceremony  
3:30 p.m.



[stlcc.edu/go/XPLR](https://stlcc.edu/go/XPLR)

**Questions?**  
314-984-7777  
cedropbox@stlcc.edu

## PROGRAM HIGHLIGHTS

College for Kids presents **Xploration Healthcare**, a unique opportunity for youth, ages 12 to 16, to explore medical careers in a college classroom training environment. Taught by medical professionals, students will experience key job components in hands-on, small group cohorts and rotate each day through modules including: EMT/paramedic, nurse, dental hygienist, clinical lab technician, ultrasound technician, occupational therapy assistant, surgical technician, respiratory therapist and more.

Participants will go inside an ambulance simulator, learn first aid, look at laboratory cell slides, determine organs from ultrasounds, visit the dental clinic, learn intubation techniques and more!



### CLINICAL LAB TECHNICIAN

A clinical lab technician conducts testing on various body fluid and tissue samples to determine a patient's health. Students will look through microscopes and do their own testing to solve medical mysteries, while learning terminology and cellular study.



### DENTAL HYGIENIST

A dental hygienist is licensed and typically works in a dentist's office as part of a team, providing patients with preventative care treatments. Students will practice on dental models, explore fluoride protection and see demonstrations of equipment in the dental hygiene clinic.



### EMT/PARAMEDIC

An emergency medical technician/paramedic provides medical care outside of the hospital and safe transportation for urgent healthcare situations. Students will learn life-saving techniques that include assessing medical emergencies, administering CPR, controlling bleeding and splinting techniques. Students will also explore an ambulance simulator.



### NURSE

Nurses support, facilitate and coordinate care and often have the most contact with patients. Students will learn about a nurse's various job responsibilities and perform hands-on skills including vital signs, newborn care and patient medical simulations.



### OCCUPATIONAL THERAPY ASSISTANT

Occupational therapy (OT) helps people of all ages with physical, sensory, or cognitive problems and can help them regain independence in all areas of their lives. Through hands-on activities, students will see and experience how occupational therapy assistants look at a person's abilities and offer changes and strategies to help them perform everyday tasks more easily.



### RESPIRATORY THERAPIST

Respiratory therapists give oxygen to patients, manage ventilators and administer drugs to the lungs. Focus will be on an introduction to manual ventilation and intubation techniques on mannequins.



### SURGICAL TECHNICIAN

Surgical technicians work alongside and assist members of the healthcare team to ensure a sterile and organized environment. Surgical scrub, gowning and gloving along with instrumentation and surgical medication will be explored.



### ULTRASOUND TECHNICIAN

A diagnostic medical sonographer uses sound waves to create internal images of the body, providing valuable information to the doctor for the diagnosis of medical issues. In this module, a sonographer will demonstrate how to operate their machine by showing and explaining the organ system and blood flow.