

KIRKWOOD CAREER ACADEMY STUDENT REQUIREMENTS

Advanced Manufacturing with Robotics and Welding

- Strict attendance policy in place to meet industry standards for certification. Personal protective equipment requirements outlined at orientation.

Architecture, Construction, Engineering (ACE) (Pre-Apprenticeship)

- Algebra I or Geometry strongly encouraged.

2-tracks

- 1. Architecture and Engineering Design**
- 2. ACE Construction Trades**

Arts and Sciences: Liberal Arts Transfer Pathways

- Senior Year Plus (SYP) Arts and Sciences Proficiency
- **Placement testing required:** Accuplacer Writing 82 or ACT English 18.

Arts and Sciences: Pre-Professional Health Careers Transfer

- SYP Arts and Sciences Proficiency determined by high school assessment data and recent high school biology with a grade of B or higher strongly recommended.

Electrical, Energy and Automation

- **Placement testing required:** ALEKS 8, Accuplacer Writing 32, Reading 71 or ACT Writing 15, Reading 16, Math 17 or department approval.

EMT

- Student must be 17 on the first day of spring semester of the year enrolled. Completion of high school biology with C or higher.
- Students must have own transportation to clinical experience and be prepared for time commitment outside of class time to complete the clinic requirements.
- Health immunization requirements are shared with students at orientation and must be completed prior to the beginning of November of the year enrolled in the course.

Engineering: Project Lead The Way™ (PLTW)

- Students should have completed Algebra I (or currently enrolled in while in Introduction to Engineering Design). Students enrolled in Principles of Engineering should also be enrolled in a college-prep math course.

Patient Care

- Student must be 16 prior to March 1 of the year enrolled.
 - Completion of high school biology with C or higher within previous two years recommended.
 - Must obtain 79 or higher in Nurse Aide course during spring semester to move on to clinical experience.
 - There are no excused absences for Nurse Aide, per state regulations.
 - Students must have own transportation to clinical experience and be prepared for time commitment outside of academy class time to complete the clinic requirements.
 - Health immunization requirements (* if applicable) are shared with students at orientation and must be completed prior to the beginning of November of the year enrolled in the course.
- * Only required for CNA

Pharmacy Technician

- High School seniors age 17 on first day of class. The student must turn 18 within one calendar year from the course start date for the certification requirements.
- Students must have successfully completed high school Algebra II 70 percent or better, in addition to Explorations of Health Careers and Medical Terminology, to enroll in the Pharmacy Technician course in the spring term.
- Students must have own transportation to 48-hour clinical experience in area retail and hospital pharmacy established by Kirkwood clinical agreements, and be prepared for time commitment outside of academy class time to complete the clinic requirements.
- Strict attendance policy.
- Health immunization requirements are shared with students at orientation and must be completed prior to the beginning of November of the year enrolled in the course.
- **Placement testing required:** Compass Pre-Algebra 71/ACT Math 19/ALEKS 30 percent; Accuplacer Reading Score of 71/ACT Reading = 16/Compass Reading = 71 unless by permission of program director.

Please Note: Requirements are subject to change and are covered in more detail at the required student orientation.

For the most up-to-date information including program offering and availability, contact your Kirkwood Career Development Coordinator or the Kirkwood location closest to you.