



KIRKWOOD

COLLEGE CREDIT IN HIGH SCHOOL



2022 – 23 Programs of Study
**LINN COUNTY
REGIONAL CENTER**

www.kirkwood.edu/dualcredit

Kirkwood
COMMUNITY COLLEGE

Kirkwood

COMMUNITY COLLEGE

Greetings from Kirkwood!

Over the past few years, literally millions of dollars in future tuition costs have been saved for students that chose to earn college credit in high school. As a high school junior or senior, you can reduce your future college loan debt by enrolling in college level classes with tuition paid by your school district. Whether you're undecided about a college major and want to explore, or you've narrowed your focus on a future in a specific career or trade, we have options for you to get a jump start on your future!

Our Career Academy programs in Health, IT and the Skilled Trades blend hands-on learning and lead to employment, certification, or required courses in our Kirkwood degree programs and/or future pre-apprenticeship experiences. You'll learn from highly qualified professionals from the field, participate in job shadows and/or connect with guest speakers. Make connections, be inspired, do your best and build your professional network with employers looking to keep young talent local for employment!

We also have programs designed for students seeking a more traditional experience in areas such as business, criminal justice, education, social work, or other liberal arts based majors. Our advisor will help you plan a pathway towards required courses at Kirkwood that will transfer seamlessly into many of our local public and private institutions. We can help you explore job shadows, internships and scholarships, too! Starting now is a great step in building your future career and college goals!

Take a look at our program of study offerings and tips for getting started included in this packet. Please don't hesitate to reach out if you have questions or concerns. Contact our office at 319-398-1052 or email our team at linn.regional@kirkwood.edu. We're here to help!

We're looking forward to helping you get a jump start on college!

Kindly,



Mindy J. Thornton
Director
Linn County Regional Center

Getting Started

Ready to enroll in concurrent credit courses? Follow these simple steps to ensure a smooth start.

1. Meet with your school counselor to review your four-year plan and determine that you are on the right track for high school graduation and college credit requirements.
2. Apply to Kirkwood Community College at www.kirkwood.edu/cchsapply. Once you receive your welcome letter, follow the directions to activate your k-number at www.kirkwood.edu/setup.
3. Schedule an advising appointment with your Student and Academic Support Coordinator.
4. Registration opens February 2022. Register for your courses at www.kirkwood.dualenroll.com and select Academies at your Regional Center for the 2022-2023 term.
5. Attend required orientation. Additional information will be shared prior to the start of your experience.

Awarding of Credits/Grades

High School Credit: Students with a passing grade will receive credit from their high school. Individual school districts determine whether the high school credit will be awarded to meet high school core curriculum requirements or elective requirements.

College Credit: Students will receive college credit from Kirkwood Community College. An official college transcript will be created and the grade earned in the concurrent credit course will be reflected on the student's official college transcript.

Transferring Credit: Students not planning to attend Kirkwood after high school graduation should plan to include their official college transcript as part of their application to other colleges and universities. Students can request a copy of their transcript at <https://www.kirkwood.edu/transcript> or by logging into MyHub. Kirkwood strives to ensure that academic level courses transfer to other institutions and has transfer agreements with many state universities and colleges. If a student plans to attend a private college or an institution out-of-state, please contact the college directly to determine how credits earned will transfer.

Requirements for College Level Classes

Senior Year Plus Requirements

As defined by the Iowa Department of Education, Senior Year Plus is an important part of high school reform efforts in Iowa. Through these programs, high school students are provided rigorous opportunities for advanced learning. To this end, Kirkwood partners with area school districts to prepare students to learn essential skills and earn college credit through concurrent enrollment and Career Academies.

Iowa law requires students, instructors, and institutions to meet certain criteria to be eligible to participate in Senior Year Plus programming.

To participate in Liberal Arts classes, all students must demonstrate proficiency approved by your local school district.

Students must satisfy all Kirkwood Community College prerequisites, which may include satisfactory placement scores or GPA requirements prior to registration. For more information, contact your high school counselor.

RAI Scores

Iowa's three Regent universities assign a Regent Admission Index (RAI) score based on test scores, class rank, GPA, and the number of core courses you've completed. Some of these classes may factor into your RAI. For more information, visit <http://www.regents.iowa.gov/RAI>.

Note to Parents/Guardians of Academy Students

Because of The Family Educational Rights and Privacy Act (FERPA) colleges are bound by law to keep student records confidential. Therefore, most communication from Kirkwood will go directly to the student. You are encouraged to keep open lines of communication with your student. Some helpful tips:

- Most faculty use a class management tool called Talon. Your students should be able to log into their Talon account for the class and show you any assignment, grade, or attendance that the instructor had tracked for them.
- Midterm grades or pass/fail indicators are given each semester. Your student should be able to log into their MyHub account and show you their midterm grade.
- Work through the high school counselor when you have a concern. Our Kirkwood partnership allows us to stay in open contact with the school district since concurrent enrollment classes are offered for high school and college credit. In some instances, students may choose to release FERPA information. Contact our office for more information on this process.

SELECT FOR SUCCESS

THE RIGHT STUDENTS FOR THE RIGHT REASONS

Kirkwood partners with area school districts to prepare students to learn essential skills and earn college credit through a variety of concurrent enrollment options. Iowa law requires students, instructors, and institutions to meet certain criteria to be eligible to participate in this programming.

To participate, students must:

- Satisfy Kirkwood Community College prerequisites, which may include a satisfactory placement score for reading, writing and math, indicated by the college's recognized placement exams.

OPTIONS TO EARN COLLEGE CREDIT IN HIGH SCHOOL AT KIRKWOOD:

Liberal Arts Academy

- To participate in Liberal Arts courses, students must demonstrate proficiency in each of the three academic areas – math, science and reading – as indicated by Iowa Assessment Testing or an alternative measure of proficiency adopted by the school board. Students must also satisfy Kirkwood Community College prerequisites.

Career Academy

- Participation in career and technical courses is not based on proficiency of Iowa Assessment scores. Students will need to satisfy Kirkwood Community College prerequisites on individual courses as needed.

ADDITIONAL INDICATORS OF SUCCESS:

Academic skills or standing:

- Satisfactory attendance record
- Successfully completes related high school coursework (where applicable)
- Completes all assignments by due date, including assigned readings
- Demonstrates self-motivation as a learner
- Applies classroom learning to real-life cases, observations, and service learning
- Has a minimum cumulative GPA of 2.5

Personal traits/dispositions:

- Demonstrates respect for others
- Exhibits intellectual curiosity and openness to new ideas
- Works well as part of a team
- Demonstrates honesty and ethical decision-making
- Willingness to devote several hours each week outside of class to study, review, and prepare for coursework

Maturity:

- Demonstrates self-advocacy and communication of needs
- Completes successful transition into junior or senior year of high school
- Successfully manages academic, work, extracurricular, and other commitments
- Takes responsibility for their learning and success

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.

Automotive Technology and Automotive Collision Repair and Restoration

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

Emergency Medical Technician (EMT)

- Student must be 17 on the first day of spring semester of the year enrolled, and must pay \$30 fee to the Iowa Department of Public Health for certification.
- 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.

Liberal Arts

- Senior Year Plus (SYP) Arts and Sciences Proficiency required or alternative assessment measures as adopted by student's school district.
- **Placement testing required for Composition courses or qualified high school GPA.**

Patient Care Exploration

- 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

Pre-Med, Nursing, and Professional Health Careers

- Senior Year Plus (SYP) Arts and Sciences Proficiency required or alternative assessment measures as adopted by student's school district.
- Recent high school biology with a grade of B or higher strongly recommended.

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 Student Academic Support Coordinator or the Kirkwood Regional Center location closest to you.

CAREER ACADEMY OFFERINGS

The tentative Career Academy schedule for 2022 – 23 is below. Academy schedule is subject to change. Note: your district may not offer all of these academies and courses.

| ACADEMY | COURSE NAME | COURSE NUMBER | CREDIT HOURS |
|---|--|---------------|--------------|
| Administrative and Project Management AM (12 Credits) 7:30 – 9 a.m. Includes MOS (Microsoft Office Certifications) | Information Computing | CSC-116 | 3 |
| | Business Innovation (STEM Innovator) | MGT-112 | 3 |
| | Emerging Technology Trends | BCA-179 | 3 |
| | Project Management Basics | MGT-121 | 3 |
| ACADEMY | COURSE NAME | COURSE NUMBER | CREDIT HOURS |
| Advanced Manufacturing with Robotics and Welding AM or PM (16 Credits) M-F, 7:30 – 10 a.m. or Noon – 2:30 p.m. Includes OSHA-10, NIMS Credentials, and AWS SENSE Certifications | Introduction to Safety & Health of Welders | WEL-228 | 1 |
| | Gas Metal Arc Welding Spray Transfer | WEL-245 | 2 |
| | Gas Metal Arc Welding Short Circuit Transfer | WEL-244 | 2 |
| | Computer Integrated Manufacturing | ATR-450 | 3 |
| | Gas Tungsten Arc Welding (GTAW) for Carbon Steel | WEL-251 | 2 |
| | CNC Machine Tool Operations | MFG-394 | 4 |
| | Introduction to Fabrication | WEL-208 | 2 |
| ACADEMY | COURSE NAME | COURSE NUMBER | CREDIT HOURS |
| Agricultural Science AM Weblive Offering (12 credits) M-Th, 7:45 – 9:15 a.m. Weblive Academy shared between Regional Centers | Principles of Agronomy | AGA-114 | 3 |
| | Working in America | HUM-105 | 3 |
| | Intro to Ag Business | AGB-133 | 3 |
| | Survey of the Animal Industry | AGS-113 | 3 |

| ACADEMY | COURSE NAME | COURSE NUMBER | CREDIT HOURS |
|---|--|---------------|--------------|
| Architecture, Construction, and Engineering (ACE) AM (12 credits) 7:30 – 9 a.m. Pre-apprenticeship, courses apply toward a Construction Fundamentals Certificate | Construction Safety | CON-108 | 1 |
| | Workbase Learning: Industrial Tech | WBL-148 | 2 |
| | Structures and MEP | CON-313 | 3 |
| | Construction Lab | CON-190 | 3 |
| | Architectural Plans & Specs | CON-101 | 3 |
| ACADEMY | COURSE NAME | COURSE NUMBER | CREDIT HOURS |
| Automotive Collision Repair and Restoration AM (6 credits) MW, 7:30 – 9 a.m. Includes iCAR and 3M Respirator Certifications | Intro to Metalworking & Refinishing I | CRR-121 | 3 |
| | Intro to Metalworking & Refinishing II | CRR-122 | 3 |
| ACADEMY | COURSE NAME | COURSE NUMBER | CREDIT HOURS |
| Automotive Technology AM or PM (16 credits) M-F, 7:30 – 10 a.m. or Noon – 2:30 p.m. Includes ASE, Mopar CAP Local, Ford ACE, Snap-on NC3, S/P2 Safety and Pollution, and Kirkwood Automotive Fundamentals Certification | Intro to Automotive Technology | AUT-104 | 3 |
| | Industrial Math | MAT-715 | 3 |
| | Auto Suspension and Steering | AUT-402 | 2 |
| | Automotive Brake Systems | AUT-502 | 2 |
| | Auto Heat & Air Conditioning | AUT-702 | 2 |
| | Maintenance & Light Repair | AUT-100 | 4 |
| ACADEMY | COURSE NAME | COURSE NUMBER | CREDIT HOURS |
| CAD/Mechanical Engineering Technology PM (4 credits) M & W 12:30 – 2 p.m. | Intro to Parametric Solid Modeling | CAD-110 | 2 |
| | Intro to 3D Printing | CAD-168 | 2 |
| ACADEMY | COURSE NAME | COURSE NUMBER | CREDIT HOURS |
| Criminal Justice AM (12 Credits) M-Th, 7:30 – 9 a.m. | Intro to Criminal Justice | CRJ-100 | 3 |
| | Intro to Sociology | SOC-110 | 3 |
| | Criminal Investigations | CRJ-141 | 3 |
| | Police and Society | CRJ-111 | 3 |

| ACADEMY | COURSE NAME | COURSE NUMBER | CREDIT HOURS |
|---|---|---------------|--------------|
| Dental AM (12.5 Credits) M-Th, 7:30 – 9 a.m. Weblive Academy shared between Regional Centers | Dental Terminology | DEN-110 | 2 |
| | Explorations of Healthcare Careers | HSC-205 | 3 |
| | Health Skills I | HSC-210 | 1 |
| | Dental Anatomy | DEN-120 | 3 |
| | Head and Neck Anatomy | DEN-130 | 1.5 |
| | Professionals in Health | HSC-107 | 2 |
| ACADEMY | COURSE NAME | COURSE NUMBER | CREDIT HOURS |
| Digital Arts, Social Media, and Marketing AM (12 credits) M-F, 7:30 – 9 a.m. | Principles of Marketing | MKT-110 | 3 |
| | Digital Photography | ART-186 | 3 |
| | Design Fundamentals | ART-301 | 3 |
| | Social Media in Business | MKT-130 | 3 |
| ACADEMY | COURSE NAME | COURSE NUMBER | CREDIT HOURS |
| Education AM (14 Credits) M-F, 7:30 – 9 a.m. Includes courses towards the Generalist Paraeducator certification with an Early Childhood Area of Concentration. Students will earn The American Heart Association Heartsaver Pediatric First Aid CPR AED certification | Introduction to Early Childhood Education | ECE-103 | 3 |
| | Exploring Teaching | EDU-110 | 3 |
| | Technology for Early Childhood | ECE-105 | 1 |
| | Behavior Management | EDU-119 | 3 |
| | Child Health, Safety and Nutrition | ECE-133 | 3 |
| | Literacy Tutor | EDU-805 | 1 |
| ACADEMY | COURSE NAME | COURSE NUMBER | CREDIT HOURS |
| Emergency Medical Technician (EMT) and Fire Science AM (14.5 Credits) M-F, 7:30 – 9 a.m. Includes EMT-B Certification, CPR and First Aid | Principles of Emergency Services | FIR-213 | 3 |
| | Emergency Safety and Survival | FIR-400 | 3 |
| | EMT I | EMS-255 | 4 |
| | EMT II | EMS-350 | 3.5 |
| | EMT II Clinical | EMS-365 | 1 |

| ACADEMY | COURSE NAME | COURSE NUMBER | CREDIT HOURS |
|--|------------------------------------|---------------|--------------|
| Patient Care Exploration AM or PM (12.5 credits) M-F, 7:30 - 9 a.m. or 12:30 - 2 p.m. Includes CPR, First Aid and Nurse Aide (CNA) Certifications | Medical Terminology | HSC-115 | 4 |
| | Explorations of Healthcare Careers | HSC-205 | 3 |
| | Nurse Aide | HSC-168 | 3.5 |
| | Professionals in Health | HSC-107 | 2 |
| ACADEMY | COURSE NAME | COURSE NUMBER | CREDIT HOURS |
| Pre-Med, Nursing, and Professional Health Careers AM or PM (14 Credits). Labs on Fridays M-F, 7:30 - 9 a.m. or 12:30 - 2 p.m.* *Friday Labs run an extra 30 minutes long | Human Anatomy & Physiology I | BIO-168 | 4 |
| | Nutrition | BIO-151 | 3 |
| | Fundamentals of Oral Communication | SPC-101 | 3 |
| | Human Anatomy & Physiology II* | BIO-173 | 4 |
| ACADEMY | COURSE NAME | COURSE NUMBER | CREDIT HOURS |
| Technology Career Academy AM (12 credits) M-F, 7:30 - 9 a.m. Weblive Academy shared between Regional Centers. Includes Microsoft Office Certifications in CIS-116 | Intro to Programming Logic | CIS-121 | 3 |
| | Information Computing | CSC-116 | 3 |
| | Fundamentals of Web Programming | CIS-207 | 3 |
| | Computer Concepts | NET-130 | 3 |

PICK AND CHOOSE: LIBERAL ARTS CLASSES

Students should work through their high school counselor, Linn County Regional Center staff, and/or their transfer institution for guidance.

*Please note, course offerings and dates may be subject to change based on enrollment management needs.

FALL AM COURSES: Liberal Arts Pick and Choose

| AVAILABILITY | COURSE NAME | COURSE NUMBER | DAY |
|---------------|---|---------------|------|
| 7:30 – 9 a.m. | Fundamentals or Oral Communication | SPC-101 | MW |
| 7:30 – 9 a.m. | Introduction to Business | BUS-102 | MW |
| 7:30 – 9 a.m. | Introduction to Early Childhood Education | ECE-103 | MW |
| 7:30 – 9 a.m. | Introduction to Sociology | SOC-110 | MW |
| 7:30 – 9 a.m. | Popular Culture (shared WelLive between Regional Centers) | HUM-142 | TTH |
| 7:30 – 9 a.m. | Principles of Marketing | MKT-110 | MW |
| 7:30 – 9 a.m. | Project Management Basics | MGT-121 | MW |
| 7:30 – 9 a.m. | Working in America | HUM-105 | MW |
| 7:30 – 9 a.m. | Medical Terminology | HSC-115 | MWF |
| 7:30 – 9 a.m. | Statistics (shared WebLive between Regional Centers) | MAT-157 | MWF |
| 7:30 – 9 a.m. | Composition I | ENG-105 | TTH |
| 7:30 – 9 a.m. | Explorations of Healthcare Careers | HSC-205 | TTH |
| 7:30 – 9 a.m. | Exploring Teaching | EDU-110 | TTH |
| 7:30 – 9 a.m. | How College Works | SDV-105 | TTH |
| 7:30 – 9 a.m. | Introduction to Criminal Justice | CRJ-100 | TTH |
| 7:30 – 9 a.m. | Introduction to Human Services | HSV-109 | TTH |
| 7:30 – 9 a.m. | Introduction to Psychology | PSY-111 | TTH |
| 7:30 – 9 a.m. | Survey of World Religions (shared Weblive between Regional Centers) | REL-101 | TTH |
| 7:30 – 9 a.m. | Digital Photography | ART-186 | TTHF |

FALL PM COURSES: Liberal Arts Pick and Choose

| AVAILABILITY | COURSE NAME | COURSE NUMBER | DAY |
|----------------|---|---------------|-----|
| 12:30 – 2 p.m. | Fundamentals or Oral Communication | SPC-101 | MW |
| 12:30 – 2 p.m. | Personal Finance | FIN-121 | MW |
| 12:30 – 2 p.m. | Explorations of Healthcare Careers | HSC-205 | TTH |
| 12:30 – 2 p.m. | How College Works | SDV-105 | TTH |
| 12:30 – 2 p.m. | Intro to Parametric Solid Modeling | CAD-110 | MW |
| 12:30 – 2 p.m. | Exploring Teaching | EDU-110 | MW |
| 1:30 – 3 p.m. | Illustrator I | GRA-127 | MWF |
| 1:30 – 3 p.m. | Survey of World Religions (shared Weblive between Regional Centers) | REL-101 | TTH |
| 1:30 – 3 p.m. | Statistics (shared WebLive between Regional Centers) | MAT-157 | MWF |

SPRING AM COURSES: Liberal Arts Pick and Choose

| AVAILABILITY | COURSE NAME | COURSE NUMBER | DAY |
|---------------|---|---------------|------|
| 7:30 – 9 a.m. | Composition II | ENG-106 | TTH |
| 7:30 – 9 a.m. | Cultural Anthropology | ANT-105 | TTH |
| 7:30 – 9 a.m. | Developmental Psychology | PSY-121 | TTH |
| 7:30 – 9 a.m. | Forms of Lit: Fiction (shaerd WebLive between Regional Centers) | LIT-206 | TTH |
| 7:30 – 9 a.m. | Fundamentals of Oral Communication | SPC-101 | MW |
| 7:30 – 9 a.m. | Human Biology | BIO-110 | MW |
| 7:30 – 9 a.m. | Mass Media (shared Weblive between Regional Centers) | MMS-101 | MW |
| 7:30 – 9 a.m. | Principles of Macroeconomics | ECN-120 | MW |
| 7:30 – 9 a.m. | Social Media in Business (Pre-req MKT-110) | MKT-130 | MW |
| 7:30 – 9 a.m. | Criminal Investigations (Pre-req CRJ-100) | CRJ-141 | MW |
| 7:30 – 9 a.m. | Criminal Investigations (Pre-req CRJ-100) | EDU-119 | MW |
| 7:30 – 9 a.m. | Police and Society (Pre-req CRJ-100) | CRJ-111 | TTH |
| 7:30 – 9 a.m. | Design Fundamentals | ART-301 | TTHF |

SPRING PM COURSES: Liberal Arts Pick and Choose

| AVAILABILITY | COURSE NAME | COURSE NUMBER | DAY |
|----------------|---|---------------|-----|
| 12:30 – 2 p.m. | Business Innovation | MGT-112 | MW |
| 12:30 – 2 p.m. | Intro to 3D Printing (<i>Pre-req CAD-110</i>) | CAD-168 | MW |
| 12:30 – 2 p.m. | Personal Wellness | PEH-111 | TTH |
| 12:30 – 2 p.m. | Nutrition | BIO-151 | TTH |
| 1:30 – 3 p.m. | Digital Imaging | GRA-140 | MWF |
| 1:30 – 3 p.m. | Principles of Macroeconomics | ECN-120 | MW |

Kirkwood Community College shall not engage in nor allow unlawful discrimination against individuals involved in its educational programs and activities on the basis of race, creed, color, sex, sexual orientation, gender identity, national origin, religion, age, disability, or actual or potential parental, family, or marital status. If you have questions or complaints related to compliance with the policy, please contact the Vice President of Human Resources at Kirkwood Community College, 313 Kirkwood Hall, 6301 Kirkwood Blvd. SW, Cedar Rapids, IA 52404, Telephone: 319-398-5572, Email: equity@kirkwood.edu, or the Director of the Office for Civil Rights U.S. Department of Education, Citigroup Center, 500 W. Madison St., Suite 1475, Chicago, IL 60661-7204, Telephone: 312-730-1560, Fax: 312-730-1576, Email: OCR.Chicago@ed.gov.