KIRKWOOD

EARN COLLEGE CREDIT IN HIGH SCHOOL

2023-2024 Programs of Study

JONES COUNTY REGIONAL CENTER

www.kirkwood.edu/jonesregional

Kirkwood
COMMUNITY COLLEGE

Dear Students, Parents, and Counselors,

High school students have the incredible opportunity to take dual credit courses through Kirkwood's Academy program that awards both college and high school credit at no direct cost to the student. In fact, more than 3500 high school students from Anamosa, Cascade, Central City, Lisbon, Maquoketa Valley, Midland, Monticello, North Cedar, and Springville school districts have benefitted from the Academy program since opening in 2009. Students that participate in the Kirkwood Academy program enjoy enormous advantages that promote greater success in professional and educational achievement. In addition to saving time and money, these academies help students explore and confirm career interests, develop technical skills, earn credentials, earn transferable credits, and give them confidence to succeed in their next chapter–college, career, military and beyond. Earning an Associate's degree before graduating high school is even within reach if carefully mapped out with one of us.

This program of study details the academies and courses that students may choose to take at the Kirkwood Jones County Regional Center in Monticello. Students may also have the opportunity to take Kirkwood dual credit courses online or at their high school, which varies by high school.

Your school district's support of this program and partnership with Kirkwood is of paramount importance to student's access and participation in the Academy program. We are proud of the service we have been able to provide to students over these years, and we look forward to continuing to partner with each of you to give students the best experience possible!

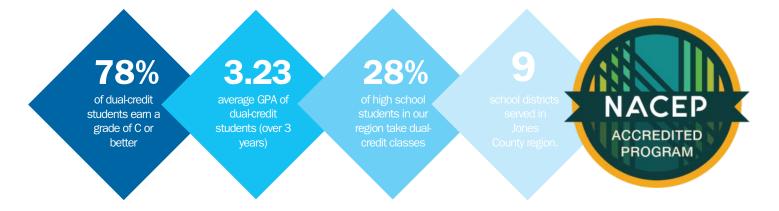Please feel free to contact us directly with any questions you may have.

Sincerely,

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78%
of dual-credit students earn a grade of C or better

3.23
average GPA of dual-credit students (over 3 years)

28%
of high school students in our region take dual-credit classes

9
school districts served in Jones County region.

NACEP
ACCREDITED PROGRAM

College Credit in High School (CCHS)

Kirkwood partners with area high school districts to prepare students to learn essential skills and earn college credit through a variety of concurrent enrollment options. Credits earned through these partnerships count toward a student's high school diploma AND their future college degree – **all at NO COST to you or your family!**

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.

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

To participate in CCHS, 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.

Options to Earn College Credit in High School at Kirkwood:

Liberal Arts Academy

Enrolling in the Liberal Arts Academy is a great way to start earning your associate's degree or future bachelor's degree. In addition to taking general education courses, choose courses that prepare you for transfer and meet requirements within your intended major.

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

Career Academies focus on career exploration while also aligning with industry workforce needs. Students can even earn industry-recognized certifications for immediate employment opportunities.

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

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WHY EARN CCHS? THE PROOF IS IN THE NUMBERS:

▶ **75.5% of CCHS students enroll in postsecondary education** the fall semester after their high school graduation – compared to 50.4% of non-CCHS students.

▶ On average, those CCHS students who do enroll in postsecondary education directly after high school are **15.4% less likely to drop out**.

▶ Within 8 years of their high school graduation, **87.5% of CCHS students have enrolled in postsecondary education** – compared to 67% of non-CCHS students.

*Statistics via research from the Iowa Department of Education

STUDENTS WHO ENTER COLLEGE HAVING ALREADY EARNED COLLEGE CREDIT IN HIGH SCHOOL:

▶ Earn higher grade point averages.

▶ Have higher retention rates.

▶ Experience higher graduation rates.

▶ Graduate in less time.

▶ Change majors less often.

▶ Add minors and second majors more often.

*Compared to students who have not earned college credit in high school
Statistics via research from Iowa State University

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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 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.

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

Through the Family Educational Rights and Privacy Act (FERPA), colleges are bound by law to keep student records confidential. Therefore, 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.

Advanced Manufacturing and Welding

www.kirkwood.edu/manufacturingacademy

MANUFACTURING, TRADES, AND TRANSPORTATION

The future of advanced manufacturing is exploding. Machines are getting smarter, the demand for products is increasing and the time we need to develop them is decreasing. Our region needs young professionals like you to design, program, operate, and maintain this technology. Taught by industry experts, this Career Academy experience can position you to be a leader in the growing world of manufacturing, robotics, and welding.

Note: this academy experience requires a strict attendance policy in order to meet industry standards for certification. Personal protective equipment requirements outlined at orientation.

P.M. Academy (12:30 – 2:55 p.m.)

COURSE NAME	COURSE NUMBER	TERM/DAY	CREDITS
Introduction to Safety & Health of Welders	WEL-228	FALL/M-F	1
Gas Metal Arc Welding Spray Transfer	WEL-245	FALL/M-F	2
Gas Metal Arc Welding Short Circuit Transfer	WEL-244	FALL/M-F	2
Print Reading and Welding Symbol Interpretation: SENSE1	WEL-233	FALL/TTh	3
CNC Mill Operator – NIMS	MFG-173	SPRING/M-F	2
CNC Lathe Operator – NIMS	MFG-174	SPRING/M-F	2
Introduction to Fabrication	WEL-208	FALL/M-F	2

Total Tuition Cost Savings: $2,800

CAREER ACADEMY
Architecture, Construction, and Engineering (ACE)

www.kirkwood.edu/aceacademy

MANUFACTURING, TRADES, AND TRANSPORTATION

Learn how to build the future you've dreamed of in Kirkwood's ACE academy experience. With knowledgeable and experienced instructors, you'll receive an education that's second to none. In addition to academic coursework, this program offers hands-on training in state-of-the-art facilities with the latest industry tools and equipment. Complete unique, real-world projects with classmates and set yourself up for an exciting career as an engineer, architect, construction manager, or building inspector.

Note: Apprenticeship, courses apply toward a Construction Fundamentals Certificate. Previous completion of Algebra I or Geometry is strongly encouraged.

P.M. Academy (1:30 – 2:55 p.m.)

COURSE NAME	COURSE NUMBER	TERM/DAY	CREDITS
Construction Safety	CON-108	FALL/M-F	1
Workbase Learning: Industrial Tech	WBL-148	FALL/M-F	2
Architectural Plans & Specs	CON-101	FALL/M-Th	3
Structures and MEP	CON-313	SPRING/M-F	3
Construction Lab	CON-190	SPRING/M-Th	3

Total Tuition Cost Savings: $2,400

CAREER ACADEMY
Automotive Technology

www.kirkwood.edu/automotiveacademy

MANUFACTURING, TRADES, AND TRANSPORTATION

Turn your passion for cars into a fulfilling career with one of two unique, hands-on automotive academy experiences at Kirkwood. The Automotive Technology academy makes you an expert about cars and transportation, but it's not just a knowledge-heavy experience – you'll also get to work directly with state-of-the-art technology and get under the hood of actual cars.

Note: this academy experience requires a strict attendance policy in order to meet industry standards for certification. Personal protective equipment requirements outlined at orientation. Academy includes ASE, Mopar CAP Local, Ford ACE, Snap-on NC3, S/P2 Safety and Pollution certifications.

A.M. Academy (8 – 10:30 a.m.) or P.M. Academy (12:30 – 2:55 p.m.)

COURSE NAME	COURSE NUMBER	TERM/DAY	CREDITS
Introduction to Automotive Technology	AUT-104	FALL/M-F	3
Industrial Math	MAT-715	FALL/MW	3
Automotive Suspension and Steering	AUT-402	FALL/TTh	2
Automotive Brake Systems	AUT-502	SPRING/M-F	2
Automotive Heat & Air Conditioning	AUT-702	SPRING/M-F	2
Maintenance and Light Repair	AUT-100	SPRING/M-F	4

Total Tuition Cost Savings: $3,200

CAREER ACADEMY
Digital Arts, Social Media, and Marketing

www.kirkwood.edu/digitalartsacademy

ARTS AND DESIGN

Calling all creators and influencers! Kirkwood's Digital Arts academy experience covers all the bases, from graphic design and social media to Search Engine Optimization (SEO) and marketing. Expert instructors will challenge and inspire you to reach new heights in your creativity, giving you the skills you need to succeed in this ever-changing industry.

P.M. Academy (1:30 – 2:55 p.m.)

COURSE NAME	COURSE NUMBER	TERM/DAY	CREDITS
Emerging Technology Trends	BCA-179	FALL/MWF	3
Principles of Marketing	MKT-110	FALL/TTh	3
Illustrator	GRA-127	SPRING/MWF	3
Social Media in Business	MKT-130	SPRING/TTh	3

Total Tuition Cost Savings: $2,400

CAREER ACADEMY

Emergency Medical Technician (EMT) and Fire Science

www.kirkwood.edu/emtacademy

SOCIAL SERVICES, SAFETY, AND EDUCATION

If helping people in emergency situations gets your heart pumping, it might be time to rush into this academy experience. Learn about the skills and knowledge necessary to become an EMT or a firefighter, including first aid, rescue techniques, and much more. Our experienced instructors will prepare you for the rigors of both fields and provide you with everything you need to know to succeed in two vital roles in every community.

P.M. Academy (1:30 – 2:55 p.m.)

COURSE NAME	COURSE NUMBER	TERM/DAY	CREDITS
Principles of Emergency Services	FIR-213	FALL/MW	3
Emergency Safety and Survival	FIR-400	FALL/TTh	3
EMT I	EMS-255	SPRING/M-F	4
EMT II	EMS-350	SPRING/M-F	3.5
EMT II Clinical	EMS-365	SPRING/TBD	1

Total Tuition Cost Savings: $2,900

Note: Students 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 their own transportation arranged to clinical experience and be prepared for time commitment outside of class to complete 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.

www.kirkwood.edu/cchs

CAREER ACADEMY
Patient Care Exploration

HEALTH AND WELLNESS

The Patient Care Academy is a great fit for students who are passionate about caring for others and want to make a difference in people's lives. You'll explore everything from anatomy and physiology to psychology and communication, learning how to work effectively with patients of all ages and backgrounds. By the end of the program, you'll have a strong foundation in patient care that will prepare you for whatever path you choose to pursue. Whether you're interested in becoming a doctor, nurse, or any other type of medical professional, this experience is an excellent first step on your journey.

Note: Includes CPR, First Aid and Nurse Aide (CNA) Certifications

A.M. Academy (8 – 9:30 a.m.) or P.M. Academy (1:30 – 2:55 p.m.)

COURSE NAME	COURSE NUMBER	TERM	CREDITS
Nurse Aide	HSC-168	FALL or SPRING	3.5
Explorations of Healthcare Careers	HSC-205	FALL or SPRING	3

Total Tuition Cost Savings: $1,300

Students have the option to enroll in Exploration of Healthcare Careers and Nurse Aide during either Fall OR Spring semester. Additional coursework of the student's choice is completed the additional semester.

Students must be 16 prior to March 1 of the year enrolled. Completion of high school biology within the last two years, with a grade of C or higher is recommended. Students 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 arrange their own transportation to clinical experience and be prepared for time commitment outside of academy class 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

www.kirkwood.edu/premedacademy

HEALTH AND WELLNESS

There is a significant need for nurses and other medical professionals in most communities across the country right now. Take advantage of that opportunity and harness your passion for helping others in need. The Pre-Med academy experience is heavy on human science – anatomy, biology, physiology, and more – and even heavier on hands-on medical experiences and simulations. Jump start your career at a college known for producing standout nurses and medical assistants.

Note: 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 is also strongly recommended.

P.M. Academy (1:30 – 2:55 p.m.)

COURSE NAME	COURSE NUMBER	TERM/DAY	CREDITS
Nutrition	BIO-151	SPRING/MW	3
Human Anatomy & Physiology I	BIO-168	FALL/TThF	4
Human Anatomy & Physiology II	BIO-173	SPRING/TThF	4
Introduction to Sociology	SOC-110	FALL/MW	3

Total Tuition Cost Savings: $2,800

Technology

www.kirkwood.edu/technologyacademy

STEM AND IT

There's not much we can say (that hasn't already been said) about the impact technology has on our daily lives. It's also safe to say that technology will have an even bigger impact on our future. Put yourself at the center of that impact with an innovative curriculum that is constantly evolving to keep up with the latest industry trends. In our Technology academy, you'll learn about all things IT, coding, web and computer programming, and a modern tech industry that's headed for the moon. Strap in!

P.M. Academy (1:30 – 2:55 p.m.)

COURSE NAME	COURSE NUMBER	TERM/DAY	CREDITS
Introduction to Programming Logic	CIS-121	FALL/MWF	3
Computer Concepts	NET-130	SPRING/TThF	3
Workplace Project Based Learning: Information Solutions	WBL-146	FALL/TThF	3
Fundamentals of Web Programming	CIS-207	SPRING/MWF	3

Total Tuition Cost Savings: $2,400

PICK AND CHOOSE:
LIBERAL ARTS CLASSES

Students should work through their high school counselor, Jones 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: 8 – 9:30 a.m.

COURSE NAME	COURSE NUMBER	DAY	CREDITS
Introduction to Psychology	PSY-111	TTh	3
Survey of World Religions	REL-101	MW	3

FALL PM COURSES: 1:30 – 2:55 p.m.

COURSE NAME	COURSE NUMBER	DAY	CREDITS
US History to 1877	HIS-151	MW	3
Intro to Psychology	PSY-111	MW or TTh	3
Statistics	MAT-157	MW	4
Composition I	ENG-105	MW or TTh	3
Introduction to Sociology	SOC-110	MW	3
Fundamentals of Oral Communication	SPC-101	TTh	3
Principles of Marketing	MKT-110	TTh	3
Survey of World Religions	REL-101	TTh	3

SPRING AM COURSES: 8 – 9:30 a.m.

COURSE NAME	COURSE NUMBER	DAY	CREDITS
Fundamentals of Oral Communication	SPC-101	MW	3
West and the World I: Prehistory to 500	HIS-126	TTh	3

SPRING PM COURSES: 1:30 – 2:55 p.m.

COURSE NAME	COURSE NUMBER	DAY	CREDITS
West and the World I: Prehistory to 500	HIS-126	MW	3
Nutrition	BIO-151	MW	3
Developmental Psychology (Prereq: PSY-111)	PSY-121	MW	4
Composition II	ENG-106	MW or TTh	3
Introduction to Business	BUS-102	MW	3
Macroeconomics	ECN-120	TTh	3
Forms of Literature: Fiction (Prereq: Comp I)	LIT-206	TTh	3
Music Appreciation	MUS-100	TTh	3
Fundamentals of Oral Communication	SPC-101	TTh	3

COMPANION OPTIONS

COMPANION OPTIONS	COURSE NAME	COURSE NUMBER	DAY	CREDIT HOURS
Fall PM Courses 12:30 – 1:25 p.m.	Exploring Teaching	EDU-110	TBD	3
	Introduction to Criminal Justice	CRJ-100	TBD	3
	Introduction to PSM	CAD-110	TBD	3
	Information Computing	CSC-116	TBD	3
	Fundamentals of Oral Communication	SPC-101	TBD	3
	Basic Medical Terminology	HSC-117	TBD	2.5
	US History to 1877	HIS-151	TBD	3
	Introduction to Psychology	PSY-111	TBD	3

COMPANION OPTIONS	COURSE NAME	COURSE NUMBER	DAY	CREDIT HOURS
Spring PM Courses 12:30 – 1:25 p.m.	Behavior Management	EDU-119	TBD	3
	Criminal Investigation (Prereq: CRJ-100)	CRJ-141	TBD	3
	Introduction to 3D-Printing (Prereq: CAD-110)	CAD-168	TBD	3
	Marriage and Family	SOC-120	TBD	3
	Survey of World Religions	REL-101	TBD	3
	West and the World I: Prehistory to 500	HIS-126	TBD	3
	Workbased Learning*	WBL-145	TBD	3
	Art Appreciation	ART-101	TBD	3

*formerly Business Innovation

Getting Started

Ready to enroll in dual credit programming? Follow these steps to ensure a smooth start.

1. **Meet with your school counselor and/or your designated Kirkwood Student and Academic Support Coordinator** 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** (if you haven't already done so) at www.kirkwood.edu/cchsapply. Once you receive your welcome letter, activate your password and student email account at www.kirkwood.edu/setup.

3. **Career Academy registration opens February 2023.** Once registration is open, **login to Dual Enroll** at www.kirkwood.dualenroll.com and setup your student profile – login with your k-number and password. Make sure to complete your parent info, parent email, select your school, and school counselor.

4. Carefully read the information on your screen. Select the term **2023/2024 Regional Center Academies** and click **Select**. Read the pop up screen carefully and click **Dismiss**.

5. **Choose your Career Academy** from the options available on your screen. For pre-packaged academies, the follow-up screen will show you days and times when the academy meets. When you find the academy you want, click **Register**. (Note: for the Liberal Arts Academy option, after clicking to register, you'll need to read through a pop-up box carefully and select **Complete Steps**. From there, click the hyperlink to **Student Liberal Arts Academy Selection** and choose courses from the available options).

6. **Complete any required additional steps.** Once you've registered for your Career Academy, read through the dialog box on your screen and select **Complete Steps.**

   • You'll see the courses you are registered for as well as steps you need to complete in the highlighted yellow box. Click on the hyperlink to **Student Acknowledge Orientation Requirement**. From there, read through the info, indicate you understand, and select **Complete Step.**

   • Once you return to the same dialog box, select **Complete Steps** again. Now click the hyperlink to **Student Academy Companion Courses**. Select your companion courses for both the fall and spring semesters and click **Complete Step** (Note: the Linn County Regional Center and the Regional Center at the University of Iowa do not offer companion courses. Students at these locations should select "no" to companion course selection).

   • You'll return to the same dialog box from before, but it will now give you the option to view your status. Select **View Status** and make sure there are no more highlighted yellow boxes.

7. **Logout. You're all done for now!** Kirkwood and your school counselor will need to approve and verify eligibility and availability. Once courses are approved, **you'll receive an email** with course registration confirmation and directions on additional next steps – so make sure to check your Kirkwood email.

8. **Orientation.** All regional center students are <u>**required**</u> to attend an in-person orientation event. Parents are strongly encouraged to attend as well. Orientation dates/times will be sent to your Kirkwood email.

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