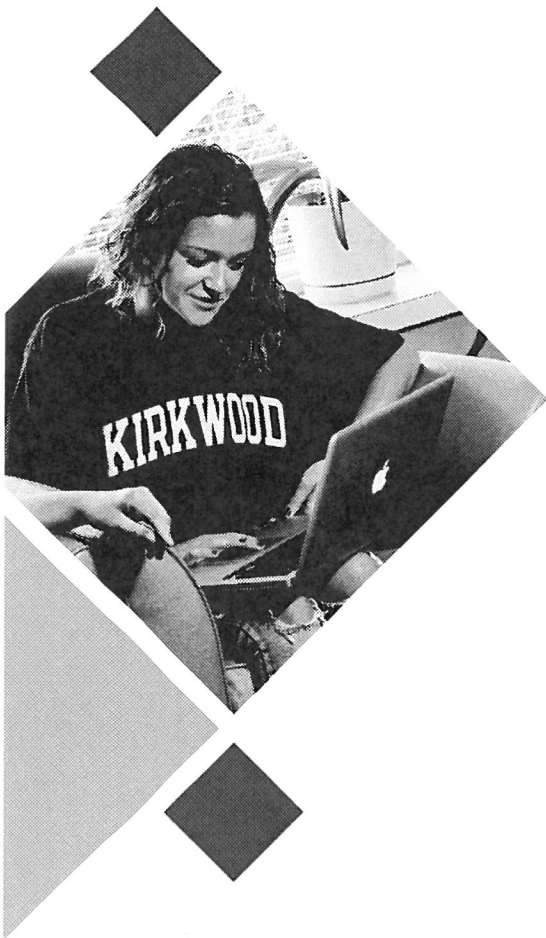




KIRKWOOD

EARN COLLEGE CREDIT IN HIGH SCHOOL



2019 – 20 Programs of Study

JONES COUNTY REGIONAL CENTER

www.kirkwood.edu/jonesregional

Kirkwood
COMMUNITY COLLEGE

Kirkwood

COMMUNITY COLLEGE

Dear Students, Parents and Counselors,

While in high school, students can earn dual credit by enrolling in courses that meet high school requirements and satisfy college credit through Kirkwood Community College. Opportunities include Career Academies (offered at your high school or at Kirkwood Jones County Regional Center), classes on site at your high school, Web Live, as well as classes offered online.

As students begin their scheduling process, please take time to discuss the Kirkwood Community College dual credit classes available to high school students. We've recently redesigned a portion of our website to include detailed information. You can access that information at www.kirkwood.edu/jrec.

Kirkwood has established a historic partnership with eight area high schools in an effort to provide every high school student an opportunity to further challenge themselves in cutting-edge, career-based curriculum, preparing them for college or career, all while in high school. Our partnership consists of Monticello, Anamosa, Midland, Central City, Springville, Maquoketa Valley, Cascade, North Cedar and potentially more high schools. We believe this partnership not only rounds out their high school experience, but better prepares them for college, and the best part is that there is no direct cost to the student or family. Thank your district for the opportunity to be better prepared for college and career!

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

Sincerely,

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Getting Started

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

1. Meet with your high 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. All students enrolling in concurrent credit courses must have a Kirkwood application on file. Students can complete this free application online at <http://www.kirkwood.edu/hscreditapply>. As part of the application process, students must provide a Social Security number to create an official student record.
3. Students will need to have either current ACT or ACCUPLACER/ALEKS exam scores on file to complete the registration process for specific academy programs or individual writing (Composition I) and college level math courses such as Statistics, College Algebra, etc. More information can be found below on the Kirkwood Career Academy Student Requirements page. ACCUPLACER/ALEKS exams are offered at all Kirkwood locations. They are untimed and at no cost to Kirkwood students and applicants.
4. Students will be responsible for completing course selection and registration by the designated deadline. Your school counselor will provide the registration process information, along with specific deadlines.
5. Students will be required to attend a mandatory orientation in April. Parents are **strongly encouraged** to attend this event as well.

Awarding of Credit/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 process to other colleges and universities. Students can request a copy of their transcript at <http://www.kirkwood.edu/transcript>. 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 21st century 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 Arts and Sciences: Liberal Arts Transfer Courses, students must demonstrate proficiency in each of the three academic areas - math, science, and reading. Students must also satisfy Kirkwood Community College prerequisites, which may include a satisfactory placement score for reading, writing, and math indicated by the ACCUPLACER/ALEKS placement exams and/or ACT scores prior to registration.

Participation in all other **Career Academies** is not based on proficiency on Iowa Assessment scores. The student will need to satisfy Kirkwood Community College prerequisites, which may include a satisfactory placement score for reading, writing, and math indicated by ACCUPLACER/ALEKS placement exams and/or ACT scores prior to registration.

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 has tracked for them.
- Midterm grades or pass/fail indicators are given each semester. Your student should be able to log into their EagleNet 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.

Academy Offerings

The tentative Career Academy schedule for 2019-20 is below. Unless noted otherwise, in addition to their Career Academy selection students may also select one fall and one spring companion course.

Academy schedule placement may be subject to change. *Your district may not offer all of these academies and courses.

AM Academies meet each day from 8:30-10:00 a.m. AM Companion Courses meet 10:00-10:55 a.m.

PM Academies meet each day from 1:30-3:00 p.m. PM Companion Courses meet 12:30-1:25 p.m.

*** Indicates academy is 2.5 hours.**

++These academy curriculum are still pending/subject to change

Academy	Course Name	Credit Hours	Course Number
Advanced Manufacturing with Robotics & Welding PM only (17 Credits) <i>Students in this academy will not need to select companion courses.</i>	CNC Mill Operator (NIMS)	3	MFG-291
	CNC Lathe Operator (NIMS)	3	MFG-292
	Introduction to Welding Safety and Health for Welders (SENSE 1)	1	WEL-228
	Virtual Reality Welding	1	WEL-153
	PLTW Computer Integrated Manufacturing (CIM)++	3	EGT-450
	Gas Metal Arc Welding Short Circuit Transfer (SENSE 1)	2	WEL-244
	Gas Metal Arc Welding Spray Transfer (SENSE 1)	2	WEL-245
	Gas Tungsten Arc Welding (GTAW) for Carbon Steel (SENSE 1)	2	WEL-251
ACE (Architecture, Construction & Engineering): Construction Trades Pre-Apprenticeship Program AM or PM (18 Credits) <i>Students in this academy will not need to select companion courses.</i>	Construction Lab	3	CON-190
	Architectural Plans & Specs	3	CON-101
	ACE Professions	3	ARC-153
	Architectural Modeling	3	CON-410
	Intro to BIM (Build Information Modeling)	3	CAD-201
	Structures in MEP (Mechanical, Electrical, and Plumbing)	3	CON-313
EMT PM only (15.5 Credits)	Exploration of Healthcare Careers	3	HSC-205
	Medical Terminology	4	HSC-115
	Emergency Medical Technician I	4	EMS-255
	Emergency Medical Technician II	3.5	EMS-350
	Emergency Medical Technician II Clinical:	1	EMS-365
Project Lead the Way (PLTW) Pre-Engineering (6 Credits)	Introduction to Engineering Design	3	EGT-400
	Principles of Engineering	3	EGT-410

Academy	Course Name	Credit Hours	Course Number
Graphic Communication Technology PM only (12 Credits)	Design Fundamentals	3	ART-301
	Illustrator	3	GRA-127
	Digital Layout	3	GRA-131
	Digital Imaging	3	GRA-140
Hospitality Management PM only (11.5 Credits)	Intro to Lodging Operations	2	HCM-600
	Hospitality Marketing & Social Media	3	HCM-615
	Sanitation and Safety	2	HCM-100
	Menu Planning	1.5	HCM-207
	Purchasing, Receiving, and Inventory	2.0	HCM-251
	Customer Service Strategies	1.0	MKT-180
Computer Programming and Software Development (Coding) PM only (12 Credits)	Intro to Programming Logic	3	CIS-121
	Fundamentals of Web Programming	3	CIS-207
	Java	3	CIS-171
	Client Side Scripting++	3	CIS-280
Patient Care AM or PM (12.5 Credits)	Exploration of Healthcare Careers	3	HSC-205
	Medical Terminology	4	HSC-115
	Professionals in Health	2	HSC-107
	Nurse Aide (CNA Certification) or Health Support Professional (HSP)	3.5 3.5	HSC-168 or HSC-162
Automotive Technology AM or PM (15 Credits) <i>Students in this academy will not need to select companion courses.</i> <i>New! Fundamentals of Automotive Technology certificate earned with these 4 classes.</i>	Introduction to Automotive Technology	3	AUT-104
	Maintenance and Light Repair	4	AUT-100
	Industrial Math I	3	MAT-715
	Automotive Electricity	5	AUT-611

Arts & Sciences: Liberal Arts Transfer Academy

Our role is to provide students with the most customized academy package. Students will answer a few key questions on the application so we can advise, determine and register students for the most applicable courses. Courses available:

Course Title	Course #	Credit Hours
Composition I	ENG-105	3.00
Composition II	ENG-106	3.00
Fundamentals of Oral Communication	SPC-101	3.00
Intro to Psychology	PSY-111	3.00
Environmental Science	ENV-115	3.00
Film Topics: Animation	DRA-117	3.00
U. S. History to 1877	HIS-151	3.00
Intro to Sociology	SOC-110	3.00

Companion Course Offerings

Preliminary listing. *Subject to change based on enrollment and faculty availability.*

Course Title	Course #	Credit Hours
Music Appreciation	MUS-100	3.00
Business Innovation	MGT-112	3.00
Exploring Teaching	EDU-110	3.00
Fundamentals of Oral Communication	SPC-101	3.00
How College Works	SDV-105	3.00
Introduction to Business	BUS-102	3.00
Intro to Computers	CSC-110	3.00
Intro to Criminal Justice	CRJ-100	3.00
Intro to Human Services	HSV-109	3.00
Intro to Psychology	PSY-111	3.00
Social Problems	SOC-115	3.00
Nutrition	BIO-151	3.00
Personal Finance (<i>check with school district to determine if this meets your HS graduation requirement</i>)	FIN-121	3.00
Principles of Macroeconomics	ECN-120	3.00
Statistics	MAT-157	4.00
Survey of Animal Industry	AGS-113	3.00
Survey of World Religions	REL-101	3.00
American National Government (<i>check with school district to determine if this meets your HS graduation requirement</i>)	POL-111	3.00

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.

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:

Arts and Science 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