KIRKWOOD

EARN COLLEGE CREDIT IN HIGH SCHOOL

2020 – 21 Programs of Study

JONES COUNTY REGIONAL CENTER

www.kirkwood.edu/jonesregional

Kirkwood
COMMUNITY COLLEGE

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December 2019

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 have recently redesigned a portion of our website to include detailed information, which can be accessed at www.kirkwood.edu/jrec. Some courses/academies will be continually updated as needs and demand fluctuate.

Kirkwood has established a historic partnership with eight area high schools in an effort to provide every high school student the 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, Lisbon, and potentially more high schools. We believe this partnership not only rounds out their high school experience, but also 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,

Lisa Folken
Director, Jones County Regional
319-465-2305
Lisa.Folken@kirkwood.edu

Craig Stadtmueller
Student Academic & Support Coordinator
319-465-2375
Craig.Stadtmueller@kirkwood.edu

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. All students enrolling in concurrent credit courses must have a Kirkwood application on file. Students can complete this free application online at www.kirkwood.edu/hscreditapply. After applying students will receive instructions for setting up your Kirkwood student email and password.

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 (Statistics, College Algebra, etc.). More information can be found in this packet on the Kirkwood Career Academy Student Requirements page. ACCUPLACER/ALEKS exams are offered at all Kirkwood locations. They are untimed and are offered 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 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 http://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.

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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. Though 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 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.

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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.

Arts and Sciences:
Liberal Arts Transfer Pathways:
    Business
    Criminal Justice
    Education
    Human Services

– Senior Year Plus (SYP) Arts and Sciences Proficiency
– **Placement testing required for Composition courses.**

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, 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.

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.

Health Careers: 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

IT Networking and Virtualization/Cloud

– Student must have a minimum of 249 or higher on Accuplacer (ACT Reading Score of 18 or higher) and a minimum of 244 or higher on the Accuplacer Writing placement (ACT Writing score of 14 or higher).

Transportation: Auto Technology and Auto Collision & Repair

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

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

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CAREER ACADEMY OFFERINGS

The tentative Career Academy schedule for 2020-21 is below. Unless noted otherwise, in addition to their Career Academy selection students should select one fall and one spring companion course. Academy schedule is be subject to change. Note: your district may not offer all of these academies and courses.

- Morning Academies meet each day from 8:30 – 9:55 a.m.
- Morning Companion Courses meet 10 – 10:55 a.m.

- Afternoon Academies meet each day from 1:30 – 2:55 p.m.
- Afternoon Companion Courses meet 12:20 – 1:25 p.m.

ACADEMY	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Advanced Manufacturing with Robotics & Welding PM (17 Credits) Academy meets for 2.5 hours. Students in this academy will not need to select companion courses.	Introduction to Safety & Health of Welders	WEL-228	1
	Virtual Reality Welding	WEL-153	1
	PLTW Computer Integrated Manufacturing* CIM	EGT-450	3
	Gas Metal Arc Welding Spray Transfer	WEL-245	2
	Gas Tungsten Arc Welding (GTAW) for Carbon Steel	WEL-251	2
	CNC Mill Operator (NIMS)	MFG-291	3
	CNC Lathe Operator (NIMS)	MFG-292	3
	Gas Metal Arc Welding Short Circuit Transfer	WEL-244	2

ACADEMY	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Architecture, Construction & Engineering (Pre-Apprenticeship) AM & PM (18 Credits) Academy meets for 2.5 hours. Students in this academy will not need to select companion courses.	ACE Professions	ARC-153	3
	Architectural Plans & Specs	CON-101	3
	Structures of Mechanical, Electrical and Plumbing	CON-313	3
	Construction Lab	CON-190	3
	Intro to BIM	CAD-201	3
	Architectural Modeling	CON-410	3

ACADEMY	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Automotive Technology AM & PM (15 Credits) Academy meets for 2.5 hours. Students in this academy will not need to select companion courses. Fundamentals of Automotive Technology certificate earned with the completion of this academy.	Intro to Automotive Technology	AUT-104	3
	Automotive Electricity	AUT-611	5
	Industrial Math	MAT-715	3
	Maintenance and Light Repair	AUT-100	4

ACADEMY	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Computer Programming & Software Development (Coding) PM (12 Credits)	Intro to Programming Logic	CIS-121	3
	Network Plus	NET-165	3
	Java I	CIS-171	3
	Fundamentals of Web Programming	CIS-207	3

ACADEMY	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Emergency Medical Services (EMT-B Certification) PM (15.5 Credits)	Explorations of Health Care	HSC-205	3
	Medical Terminology	HSC-115	4
	EMT I	EMS-255	4
	EMT II	EMS-350	3.5
	EMT II Clinical	EMS-365	1

ACADEMY	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Project Lead the Way (PLTW) Pre-Engineering AM & PM (6 Credits)	Introduction to Engineering Design	EGT-400	3
	Principles of Engineering	EGT-410	3

ACADEMY	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Graphics Communication Technology PM (12 Credits)	Principles of Advertising	MKT-150	3
	Illustrator I	GRA-127	3
	Digital Layout	GRA-131	3
	Digital Imaging	GRA-140	3

ACADEMY	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Hospitality Management *1:30 – 2:55 p.m., Web Live (9.5 Credits)	Customer Service Strategies	MKT-180	1
	Intro to Lodging Operations	HCM-600	2
	Hospitality Marketing and Social Media	HCM-615	3
	Sanitation and Safety	HCM-100	2
	Menu Planning	HCM-207	1.5

ACADEMY	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Arts & Sciences: Pre-Liberal Arts Transfer Track A AM (12 Credits)	Composition I	ENG-105	3
	Composition II	ENG-106	3
	Fundamentals of Oral Communication	SPC-101	3
	Online or Web Live course of their own choice	TBD	3

ACADEMY	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Arts & Sciences Pre-Liberal Arts Transfer Track B AM (12 Credits)	Environmental Science	ENV-115	3
	U.S. History or similar History/Cultures	HIS-151	3
	Intro to Sociology	SOC-110	3
	Intro to Psychology	PSY-111	3

ACADEMY	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Arts & Sciences: Pre-Liberal Arts Transfer Track C PM (12 Credits)	Composition I	ENG-105	4
	Composition II	ENG-106	3
	Fundamentals of Oral Communication	SPC-101	3
	Working In America or Film Topics - Animation	TBD	3

ACADEMY	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Arts & Sciences: Pre-Liberal Arts Transfer Track D PM (12 Credits)	Environmental Science	ENV-115	3
	U.S. History or similar History/Cultures	HIS-151	3
	Introduction to Sociology	SOC-110	3
	Fundamentals of Oral Communication	SPC-101	3

ACADEMY	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Arts & Sciences: Pre-Liberal Arts Transfer Track E PM (12 Credits)	Intro to Psychology	PSY-111	3
	Developmental Psychology	PSY-121	3
	Art Appreciation or similar Humanities	ART-101	3
	Ancient Mediterranean World	HIS-121	3

ACADEMY	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Patient Care AM & PM (12.5 Credits)	Medical Terminology	HSC-115	4
	Explorations of Healthcare Careers	HSC-205	3
	Nurse Aide	HSC-168	3.5
	Professionals in Health	HSC-107	2

COMPANION OPTIONS	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Fall Term Morning	Intro to Criminal Justice	CRJ-100	3
	Intro to Psychology	PSY-111	3

COMPANION OPTIONS	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Fall Term Afternoon	Music Appreciation	MUS-100	3
	Exploring Teaching	EDU-110	3
	Fundamentals of Oral Communication	SPC-101	3
	How College Works	SDV-105	3
	Introduction to Business	BUS-102	3
	Intro to Psychology	PSY-111	3
	Survey of Animal Industry	AGS-113	3
	American National Government (check with school district to determine if this meets your HS graduation requirement)	POL-111	3
	Composition I	ENG-105	3
	Statistics	MAT-157	4

COMPANION OPTIONS	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Spring Term Morning	Survey of World Religions	REL-101	3
	TBD		

COMPANION OPTIONS	COURSE NAME	COURSE NUMBER	CREDIT HOURS
Spring Term Afternoon	Business Innovation	MGT-112	3
	Fundamentals of Oral Communication	SPC-101	3
	Intro to Criminal Justice	CRJ-100	3
	Intro to Human Services	HSV-109	3
	Social Problems	SOC-115	3
	Personal Finance (check with school district to determine if this meets your HS graduation requirement)	FIN-121	3
	Principles of Macroeconomics	ECN-120	3
	Survey of World Religions	REL-101	3
	Developmental Psychology	PSY-121	3
	Composition II	ENG-105	3