KIRKWOOD
EARN COLLEGE CREDIT IN HIGH SCHOOL

2018-2019 Programs of Study
JONES COUNTY
REGIONAL CENTER

www.kirkwood.edu/jonesregional

Kirkwood
COMMUNITY COLLEGE

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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...

So you think you are ready to enroll in concurrent credit courses? Follow the simple steps below to ensure a smooth start.

1. Meet with your high school guidance 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 Community College application on file. Students can complete this free application online at www.kirkwood.edu/hscreditapply. As part of the application process students must provide a Social Security number to create an official student record. Do this no later than February 1st. This is available any time after December 1st.

3. Students will need to take a placement exam to be eligible for the Automotive Technology Academy*, Composition I, or a college-level math course. Placement exams include **Accuplacer** (Composition I), or **ALEKS** (college-level math such as Statistics, College Algebra, etc). Official ACT scores may be substituted for Accuplacer and ALEKS results. The ALEKS and Accuplacer exams are available at all Kirkwood Community College locations and evaluate students in the areas of Reading, Writing and Math. This exam is untimed and is offered at no cost to Kirkwood Community College students and applicants.

   *Automotive Technology requires both Accuplacer (Reading and Writing) and ALEKS (Math) placement scores. If students don't meet the required placement scores, they can still be eligible for the academy with an approval from the school district and Kirkwood Jones County Regional.

4. Complete the Regional Center Application form and turn into your high school office no later than March 1st. Check with your local high school counselor for deadlines. Applications will be reviewed by your high school and Kirkwood Community College for eligibility and approval.

5. Students will be required to attend a mandatory orientation in the spring. Orientation is planned for late April. Parents are 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 Community College 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 www.kirkwood.edu/transcript. Kirkwood Community College strives to ensure that academic level courses transfer to other institutions and have 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 Community College partners with area school districts to prepare student to learn essential 21st century skills and earn college credit through postsecondary learning options, 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 the *Arts and Sciences: Liberal Arts Transfer Academy* student must demonstrate proficiency in each of the three academic areas – Math, Science and Reading – as indicated by Iowa Assessment Testing scores below.

Grade	Fall	Midyear	Spring
9th	Math – 243 Science – 243 Reading – 243	Math – 249 Science – 250 Reading – 247	Math – 249 Science – 250 Reading – 249
10th	Math – 252 Science – 253 Reading - 252	Math – 257 Science – 258 Reading - 257	Math – 257 Science – 258 Reading – 257
11th	Math – 259 Science – 260 Reading – 259	Math – 261 Science – 265 Reading – 262	Math – 263 Science – 265 Reading – 263

If a student is not proficient in one or more of the above content areas, the school board may establish alternative but equivalent qualifying performance measures. Please see pages 10-12 of Senior Year Plus guidelines for additional information or visit www.educateiowa.gov/adult-career-community-college/senior-year-plus-syp

Applying to Regent Colleges: 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 have completed. Some of these classes may factor into your RAI. For more information visit www.regents.iowa.gov/RAI.

Parents
- Because of 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 your student. Here are some things that may help you stay up to date on how your student is progressing in their Kirkwood class.
  - 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 and attendance that the instructor has tracked for them.
  - Midterm and final grades are given each semester. Your student should be able to log into their Eaglenet account and show you their midterm or final grade.

Academy Offerings

The tentative Career Academy schedule for 2018-19 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 12:30-1:30 p.m.
* Indicates academy is 2.5 hours.
++These industrial technology academy curriculum are still pending/subject to change

Academy	Course Name	Credit Hours	Section
Advanced Manufacturing/Welding*++ PM only (17 Credits) *Students in this academy will not need to select companion courses.*	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
	Manual Press Brake Operations (NIMS)	3	MFG-287
	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
Architecture, Construction & Engineering)*++ AM only (12 Credits)	Construction Lab	3	CON-190
	Architectural Plans & Specs	3	CON-101
	PLTW-Civil Engineering & Architecture	3	EGT-460
	Architectural Modeling	3	CON-410
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) Engineering Academy (6 Credits)	Introduction to Engineering Design	3	EGT-400
	Principles of Engineering	3	EGT-410
Graphics, Media and Communications Academy PM only (12 Credits)	Digital Photography	3	ART-186
	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
	Introduction to Computers	3	CSC-110

Academy	Course Name	Credit Hours	Section
Networking and Computer Support Academy AM only (12 Credits)	Network Plus	3	NET-165
	Computer Hardware Basics	3	NET-122
	Programming Concepts	3	CIS-128
	Advanced PC Concepts	3	NET-137
Computer Programming and Web Development Academy 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)	3.5	HSC-168
Automotive Technology AM or PM (15 Credits) ++ *Students in this academy will not need to select companion courses.*	Introduction to Automotive Technology	3	AUT-104
	Maintenance and Light Repair	4	AUT-100
	Industrial Math I	3	MAT-715
	Basic Automotive Electricity	5	AUT-611
Water Environmental Technology ONLINE ONLY (13 Credits) *School district is not eligible for Supplemental Weighted Funding*	Water Analysis	3	WAT-300
	Water Treatment I	4	WAT-304
	Water Distribution Systems	3	WAT-305
	Internship*	3	WAT-932

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 include:

Course Title	Course #	Credit Hours
Composition I	ENG-105	3.00
Fundamentals of Oral Communication	SPC-101	3.00
Composition II	ENG-106	3.00
Intro to Psychology	PSY-111	3.00
Environmental Science	ENV-115	3.00
U. S. History to 1877	HIS-151	3.00
Introduction to Ethics	PHI-105	3.00
Social Problems	SOC-115	3.00
Nutrition	BIO-151	3.00
Statistics	MAT-157	4.00
Principles of Macroeconomics	ECN-120	3.00
Business Innovation	MGT-112	3.00
Principles of Marketing	MKT-110	3.00

Companion Course Offerings

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

Course Title	Course #	Credit Hours
AP Calculus-Semester 1	SMAT-S12058	HS Credit
AP Calculus-Semester 2	SMAT-S22058	HS Credit
Computer Science Principles	CIS-450	3.00
Digital Photography	ART-186	3.00
Environmental Sustainability	EGT-415	3.00
Exploring Teaching	EDU-110	3.00
Fundamentals of Oral Communication	SPC-101	3.00
How College Works	SDV-105	3.00
Intro to Computers	CSC-110	3.00
Intro to Criminal Justice	CRJ-100	3.00
Intro to Psychology	PSY-111	3.00
Introduction to Business	BUS-102	3.00
Introduction to Sociology	SOC-110	3.00
Music Appreciation	MUS-100	3.00
Nutrition	BIO-151	3.00
Principles of Macroeconomics	ECN-120	3.00
Principles of Marketing	MKT-110	3.00
Statistics	MAT-157	4.00
Survey of World Religions	REL-101	3.00
Intro to Ethics	PHI-105	3.00
Business Innovation	MGT-112	3.00
U. S. Government	SSOC-S12730	3.00

Jones County Regional Center
KIRKWOOD CAREER ACADEMY STUDENT REQUIREMENTS

Advanced Manufacturing/Engineering Technology & Welding

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

Architecture, Construction, Engineering (ACE)

– Algebra I or Geometry strongly encouraged.

Arts and Sciences:
Liberal Arts Transfer

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

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 are shared with students at orientation and must be completed prior to the beginning of November of the year enrolled in the course.

Transportation: Auto Tech

– **Placement testing required:** ALEKS 8, Accuplacer Writing 32, Reading 71 or ACT Writing 15, Reading 16, Math 17 or department approval.
– Strict attendance policy in place to meet industry standards for certification.

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, 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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