

ACADEMY ELIGIBILITY REQUIREMENTS

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 Science Academy** student must demonstrate proficiency in each of the three academic areas – Math, Science and Reading – as indicated by Iowa Assessment Testing scores below. 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, and/or ACT placement exam scores prior to registration. **(These Academies would include Business, Criminal Justice, Education, Arts and Sciences I and II, Computer Software Development and PreProfessional)**

Grade	Fall	Midyear	Spring
9 th	Math – 243 Science – 243 Reading – 243	Math – 249 Science – 250 Reading – 247	Math – 249 Science – 250 Reading – 249
10	Math – 252 Science – 253 Reading - 252	Math – 257 Science – 258 Reading - 257	Math – 257 Science – 258 Reading – 257
11	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-communitycollege/senior-year-plus-syp

Participation in all other Career Academies is not based on proficiency on Iowa Assessment scores. Students will need to satisfy Kirkwood Community College prerequisites, which may include a satisfactory placement score for Reading, Writing, or Math indicated by Accuplacer, ALEKS, and/or ACT placement exam scores prior to registration.

ADDITIONAL SPECIFIC ACADEMY ELIGIBILITY REQUIREMENTS

Academy	Academy Prerequisites	Assessment Requirements
ACE (Arch, Const. Engineering)	Class limited to 15 students (Algebra II & Geometry strongly encouraged)	
Arts & Sciences	SYP Arts & Sciences Proficiency	ACT or Accuplacer (ACT English-18) (Accuplacer Reading-70) for Comp I
Business Exploration	SYP Arts & Sciences Proficiency	
Criminal Justice	SYP Arts & Sciences Proficiency	ACT or Accuplacer (ACT English-18) (Accuplacer Reading -70) for Comp I
Education	SYP Arts & Sciences Proficiency	In order for a student to be placed in the second semester field experience they need to have a Kirkwood 2.5 GPA and a high school 3.0 GPA
EMT	Must be 17 on first day of class (Students are required to have the following vaccinations to be eligible for clinical experience: Hepatitis B Vaccination Series, MMR, TDAP, Varicella, Seasonal Influenza, and a Two-Step or annual TB Test)	Completion of high school Biology with C or higher: Recommended ACT English (18) Reading (16) Math (18) or Accuplacer Writing (92), Reading (71), ALEKS Math (30%)
Engineering	SYP Arts & Sciences Proficiency Student should have successfully completed high school Pre-Calculus or higher to be enrolled in Engineering II	Successful completion of PreCalculus or qualifying ACT (25) Math or ALEKS Math (61%) score to be enrolled in Engineering II and Engineering Orientation
Human Services (Pre-Social Work)	SYP Arts & Sciences Proficiency	
Electrical and Mechanical Technology	Strongly encouraged to have had, or be concurrently enrolled, in Algebra I	

Laboratory Science	Should have completed high school biology and high school chemistry or be enrolled in chemistry before beginning this academy	
Patient Care	Must be 16 years old for clinical experience in spring. Required to have a current physical accepted and immunizations: TBx2, Flu, TDAP (Hep B series is highly recommended). Per state requirements, all health care facilities require criminal background checks, including students in a clinical setting.	Recommendation: Most KCC health programs require ACT English (18) Reading (16) Math (18) or Accuplacer Writing (92), Reading (90); Math score varies by program

Academy	Academy Prerequisites	Assessment Requirements
Pharmacy Technician	Must be HS Senior and 17 on first day of class,	ALEKS (30%), Accuplacer Reading (71); ACT scores are also accepted (Math – 18, Reading – 16). The student is required to maintain a 77 percent (C+) average throughout the course.
Pre-Professional/Exercise Science	SYP Arts & Sciences Proficiency; recent high school Biology/Chemistry with a grade of “B” or higher strongly recommended	
Transportation	Class limited to 14 students. Completed, or concurrently enrolled in Algebra I.	

ACADEMIES

The tentative Career Academy schedule for 2017-2018 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 7:30-9:00 a.m. AM Companion Courses meet 9:00-10:00 a.m. PM Academies meet each day from 1:30-3:00 p.m. PM Companion Courses meet 12:30-1:30 p.m. Some Stand Alone courses will begin at 7:30 am and other will begin at 1:30 pm. * Indicates academy is 2.5 hours.

Academy	Course Name	Credit Hours	Section
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Advanced Manufacturing/Engineering Technology* AM & PM (17 Credits)	CNC Mill Operator (NIMS)	3	MFG-291
	CNC Lathe Operator (NIMS)	3	MFG-292
	Introduction to Welding Safety and Health for Welders (SENSE I)	1	WEL-228
	Virtual Reality Information	1	WEL-102
	Manual Press Brake Operations (NIMS)	3	MFG-287
	Gas Metal Arc Welding Short Circuit Transfer (SENSE I)	2	WEL-244
	Gas Metal Arc Welding Spray Transfer (SENSE I)	2	WEL-245
	Gas Tungsten Arc Welding (GTAW) for Carbon Steel (SENSE I)	2	WEL-251
Architecture, Construction & Engineering) AM only (12 Credits)	Residential Construction	3	CON-190
	Architectural Plans & Specs	3	CON-116
	PLTW-Civil Engineering & Architecture	3	EGT-460
	Construction Modeling	3	CON-410
Arts & Sciences TRACK A AM & PM (12 Credits) TRACK B AM (12 Credits)	Composition I	3	ENG-105
	Composition II	3	ENG-106
	Introduction to Sociology	3	SOC-110
	Fundamentals of Oral Communication	3	SPC-101
	Human Biology	3	BIO-154
	Art Appreciation	3	ART-101
	Introduction to Philosophy	3	PHI-101
	Cultural Anthropology	3	ANT-105
Business Exploration AM only (12 Credits)	Project Management Basics	3	MGT-121
	Introduction to Business	3	BUS-102
	Business Innovation	3	MGT-112
	Principles of Selling	3	MKT-140
Criminal Justice PM only (12 Credits)	Intro to Criminal Justice	3	CRJ-100
	Criminal Investigations	3	CRJ-141

	Criminology	3	CRJ-200
	Introduction to Sociology	3	SOC-110
Academy	Course Name	Credit Hours	Section
Education AM only (10 – 13 Credits)	Exploring Teaching	3	EDU-110
	Intro to Psychology	3	PSY-111
	Topics in Education	1	EDU-200
	Developmental Psychology	3	PSY-121
	Field Experience	3	EDU-810
	OR Literacy Tutor Experience		EDU-805
EMT AM only (15.5 Credits)	Exploration of Healthcare Careers	<u>1-3</u> 3	HSC-205
	Medical Terminology	4	HSC-115
	Emergency Medical Technician I	4	EMS-260
	Emergency Medical Technician II	3.5	EMS-350
	Emergency Medical Technician III Clinical	1	EMS-365
Engineering Academy AM only (14 – 15 Credits)	Introduction to Macroeconomics	3	ECN-120
	Business Innovation	3	MGT-112
	Engineering Orientation	1	EGR-100
	*Energy and Society (Iowa PSEO)	3	CBE:2030
	Engineering II	4	EGR-167
	Internship (optional-HS credit only)	1	----
Graphics, Media, Communication, and Design AM only (12 Credits)	Digital Photography	3	ART-186
	Illustrator	3	GRA-127
	Digital Layout	3	GRA-131
	Digital Imaging	3	GRA-140
Humans Services (Pre-Social Work) AM only (12 Credits)	Introduction to Human Services	3	HSV-109
	Introduction to Sociology	3	SOC-110
	Health and Psychosocial Rehabilitation	3	HSV-282
	Marriage and the Family	3	SOC-120

Computer Software Development AM only (12 Credits)	Introduction to Programming Logic	3	CIS-121
	Introduction to Computers	3	CSC-110
	Java	3	CIS-171
	Business Innovation	3	MGT-112
Kirkwood IT Career PM 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
Electrical and Mechanical Technology * AM only (13 Credits)	Electrical Safety & Shop Methods	1	ELE-233
	Torqueing and Tensioning	1	IND-167
	Mechanical Drive Systems I	2	ATR-300
	Maintenance Math I	2	MAT-230
	Maintenance Math II	2	MAT-233
	AC, Magnet, Transformer, Relays	1	ELE-238
	Electrical Theory, Measure, Circuits	3	ELE-235
	Mechanical Drive Systems II	1	ATR-302

Academy	Course Name	Credit Hours	Section
Hospitality Management PM only (12.5 Credits)	Intro to Lodging Operations	2	HCM-600
	Hospitality Marketing & Social Media	3	HCM-615
	Nutrition	3	BIO-151
	Menu Planning	1.5	HCM-227
	Purchasing, Receiving and Inventory	2	HCM-251
	Customer Service Strategies	1	MKT-180
Laboratory Science AM only (13 Credits)	Introductory Biotechnology	3	BIO-190
	Microbiology (w/ 2hr Friday lab)	4	BIO-186
	Lab Methodology	3	BIO-400
	Introduction to Ethics	3	PHI-105

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	HSC-168	
Pharmacy Technician AM only (14.5 Credits)	Exploration of Healthcare Careers	3	HSC-205	
	Medical Terminology	4	HSC-115	
	Pharmacology Technology	6.5	PHR-171	
	Pharmacology Technician Clinical	1	PHR-172	
Pre-Professional/Exercise Science AM only (14 Credits)	Nutrition	3	BIO-151	
	Human Anatomy & Physiology I	4	BIO-168	
	Human Anatomy & Physiology II	4	BIO-173	
	Fundamentals of Oral Communication	3	SPC-101	
Transportation* TRACK A AM only (12 Credits)	Metalworking and Refinishing I	3	CRR-121	
	Industrial Math I	3	MAT-715	
	Basic Auto Electricity	3	AUT-603	
	Intro to Metal Working & Refinishing II	3	CRR-122	
	TRACK B PM only (18 Credits)	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
		Human Relations in Management	3	MGT-145

ADDITIONAL COURSES

Companion Courses are offered as an option to students who often need to arrive early or stay late waiting for transportation. They can also be taken as Stand-Alone classes.

AM/PM Companion Courses	Companion Courses	Credit Hours	Course Numbers
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9:00a Fall (MWF)	Composition I	3	ENG-105
9:00a Spring (MWF)	Composition II	3	ENG-106
9:00a Fall (MWF – 1	Developmental Psychology	3	PSY-121
9:00a Fall (MWF – 2	Fundamentals of Oral Communication	3	SPC-101
9:00a Spring (MWF)	Economics (TBD)	3	ECN-

Stand-Alone classes are offered for those students not wanting a year-long academy experience yet desiring an option for taking a college credit class while having access to any transportation provided by a partner district.

AM/PM Stand Alone Classes	Stand-Alone Classes	Credit Hours	Course Numbers
7:30a Fall and Spring	Business Innovation	3	MGT-112
7:30a Spring	Human Biology	3	BIO-154
7:30a-8:30a Fall	Art Appreciation	3	ART-101
7:30a Spring	Introduction to Philosophy	3	PHI-101
7:30a Fall	Cultural Anthropology	3	ANT-105

***Will require an application be made to The University of Iowa and apply as a PSEO student. For The University of Iowa PSEO please review the following information:**

- Email is Iowa's official method for corresponding with students; please check your email account daily.
- Grades received in university courses will become a part of your official college record. Even if you attend a college that does not award grades for transfer courses, professional schools (i.e. law schools, medical schools) will request your transcript from The University of Iowa. Students must report all grades earned to prospective colleges.
- PSEO courses must be approved. Your school district must formally approve your selection.
- PSEO students are in 11th or 12th grade with a minimum 3.5 GPA. Students in 9th or 10th grade may qualify if eligible for talented and gifted coursework.
- Do not change your registration on ISIS. If your tuition is paid by the Post-Secondary Enrollment Act, your high school counselor and your Iowa advisor must formally approve any course changes and update your paperwork accordingly.
- **Cancelling:** If you change your mind and decide not to take courses at the UI, you must cancel your registration by contacting the Registrar's Office in 1 Jessup Hall prior to the start of classes. Students who cancel their registration after courses start will be charged tuition. • Summer courses are **NOT** funded under PSEO.

- Audits are NOT allowed under PSEO. If you experience difficulties with a course, please telephone your academic advisor. Students who withdraw from university courses or fail them will be held responsible for payment.
- UI Photo ID Cards are issued in 3 Jessup Hall between 10 am and 6 pm Monday – Friday. You must bring a government issued photo ID card with you (driver's license, passport, etc.)
- **Books:** The UI will lend high school students the text books required for their PSEO courses. Approximately 3 weeks before classes begin, you will receive a letter from the Registrar' Office with instructions and a book authorization card enclosed. Books are available at Iowa Book and Supply. Books must be returned in good condition after the course has ended.
- **Immunization Records:** Your immunization records must be on file at the Student Health Service. Contact Student Health (319) 335-8370 to arrange to deliver or fax the records to their office.
- **Admission to the UI and registration:** Please go to the following UI admissions page- <https://apply.admissions.uiowa.edu/admissions/login.page>
 - o Create an account and
 - o Complete the non-degree student application
 - o Upon admission to the UI, you will be assigned a student advisor that will communicate with you regarding class registration.
- **Questions about Billing:** Contact mary-grimm@uiowa.edu