

**KIRKWOOD COMMUNITY COLLEGE**

**Arts & Sciences Associate of Science (AS) Degree Requirements --- ONLY For students enrolling in or after Fall, 2010**

<u>CORE REQUIREMENTS</u>	<u>CREDIT HOURS REQUIRED</u>
<b>A. COMMUNICATION – WRITING</b>	<b>5</b>
<b>B. COMMUNICATION – SPEECH</b>	<b>3</b>
<b>C. HISTORY/CULTURES AND/OR D. HUMANITIES</b>	<b>9</b>
<b>E. SOCIAL SCIENCE</b>	<b>6</b>
<b>F. MATHEMATICS ♦ AND G. SCIENCE</b>	<b>20♦</b>
<b>H. ELECTIVES</b>	<b>19</b>
<b>DEGREE TOTAL</b>	<b>62</b>

**A. COMMUNICATION - WRITING 5 c.h.**

Any student planning to enroll in an Arts and Sciences writing course is REQUIRED to provide one of the following:

1. ACT scores, not older than three years
2. COMPASS scores (writing and reading components), not older than three years
3. College transcript to show successful completion of appropriate prerequisite

___ ENG120	College Writing (Comp I-II equivalent) <u>OR</u>	5
___ ENG105	Composition I <b>AND</b>	3
___ ENG106	Composition II <u>OR</u>	3
___ ENG108	Composition II: Technical Writing	3

**B. COMMUNICATION - SPEECH 3 c.h.**

Select one course

___ SPC101	Fundamentals of Oral Communication <u>OR</u>	3
___ SPC112	Public Speaking	3

**C. HISTORY/CULTURES**

Select any three courses among History/Cultures or Humanities

1. Introductory Courses

___ FLF142	Elementary French II	4
___ FLF241	Intermediate French I	4
___ FLF242	Intermediate French II	4
___ FLS142	Elementary Spanish II	4
___ FLS241	Intermediate Spanish I	4
___ FLS242	Intermediate Spanish II	4
___ FLG142	Elementary German II	4
___ FLG241	Intermediate German I	4
___ FLG242	Intermediate German II	4
___ ASL171	American Sign Language II	4
___ ASL241	American Sign Language III	3
___ ASL271	American Sign Language IV	3
___ HIS121	Ancient Mediterranean World	3
___ HIS122	Europe-Age of Monarchy	3
___ HIS123	Europe-Age of Revolution	3
___ HIS124	Europe-Age of Nationalism	3
___ HIS135	Modern World Military History	3
___ HIS151	U.S. History to 1877	3
___ HIS152	U.S. History since 1877	3
___ HIS221	Holocaust/Genocide: Memory & Lit.	3
___ HIS254	American Indian History	3
___ HIS291	History of Science	3
___ ANT105	Cultural Anthropology	3
___ CLS140	Understanding Cultures-Mideast * <u>OR</u>	3
___ CLS151	Understanding Cultures-Latin America * <u>OR</u>	3
___ CLS159	Und. Cultures-Indigenous Central America* <u>OR</u>	3
___ CLS162	Understanding Cultures-Pacific Societies * <u>OR</u>	3
___ CLS165	Understanding Cultures-Modern Japan * <u>OR</u>	3
___ CLS167	Understanding Cultures – Modern China* <u>OR</u>	3
___ CLS171	Understanding Cultures-Sub-Saharan Africa	3
___ REL101	Survey of World Religions	3
___ REL120	Judaism, Christianity & Islam	3
___ REL125	Introduction to Islam	3
___ REL130	Introduction to Religions of the East	3
___ REL140	Religion in the United States	3
___ REL160	Religions of China	3

\*Only one Understanding Cultures course can count as History/Cultures/Humanities credit.

**D. HUMANITIES**

**9 c.h.**

Select any three courses among History/Cultures or Humanities

___ ART101	Art Appreciation	3
___ ART173	Ceramics	3
___ ART184	Photography	3
___ ART203	Art History I	3
___ ART204	Art History II	3
___ CLS190	Culture and Technology	3
___ DRA101	Introduction to Theatre	3
___ DRA116	Film Analysis	3
___ DRA125	Introduction to Play Analysis	3
___ HUM105	Working In America	3
___ HUM116	Encounters in Humanities	3
___ HUM123	U.S. Film History	3
___ HUM124	World Film History	3
___ MUS100	Music Appreciation	3
___ PHI101	Introduction to Philosophy	3
___ PHI105	Introduction to Ethics	3
___ PHI111	Basic Reasoning	3
___ PHI130	Philosophy of Human Nature	3
___ LIT203	Forms of Literature: Story Cycle	3
___ LIT204	Forms of Literature: Nonfiction	3
___ LIT205	Forms of Literature: Drama	3
___ LIT206	Forms of Literature: Fiction	3
___ LIT207	Forms of Literature: Poetry	3
___ LIT208	Forms of Literature: New Media	3
___ LIT209	Forms of Literature: Film Adaptation	3
___ LIT222	Literature & Culture: American Dreams	3
___ LIT224	Literature & Culture: Women and Work	3
___ LIT225	Lit. Themes: Beyond Bartelby	3
___ LIT226	Literary Themes: Search for Identity	3
___ LIT227	Literature & Culture: World Poetry	3
___ CLS180	American Pluralism	3
___ DRA117	Film Topics	3
___ HUM142	Popular Culture	3
___ MUS209	Topics in Western Music History	3
___ PHI125	Native American Philosophy	3
___ PHI126	Chinese Philosophy	3
___ PHI132	Philosophy of Education	3
___ PHI150	Social and Political Philosophy	3
___ PHI160	Environmental Ethics	3

\*9 credits combined from History/Cultures and/or Humanities

**E. SOCIAL SCIENCE** **6 c.h.****Select two courses**

___CRJ100	Introduction to Criminal Justice	3
___CRJ200	Criminology	3
___CRJ201	Juvenile Delinquency	3
___DSV200	Exceptional Persons	3
___ECN120	Principles of Macroeconomics	3
___ECN130	Principles of Microeconomics	3
___ECN210	Asian Economic Systems	3
___EDU240	Educational Psychology	3
___GEO115	Human Geography	3
___GEO121	World Regional Geography	3
___GEO162	Geography of Iowa	3
___HSV110	Human Service Policy & Programs	3
___MMS101	Mass Media	3
___POL111	American National Government	3
___POL121	International Relations	3
___POL125	Comparative Government and Politics	3
___POL150	Introduction to U.S. Foreign Policy	3
___PRL101	Paralegal Studies Orientation	3
___PSY111	Intro to Psychology	3
___PSY121	Developmental Psychology	3
___PSY241	Abnormal Psychology	3
___PSY251	Social Psychology	3
___SOC110	Introduction to Sociology	3
___SOC115	Social Problems	3
___SOC120	Marriage and Family	3
___SOC132	Sociology of Loss, Grieving & Growth	3
___SOC284	Sociology of The Environment	3
___SOC200	Minority Group Relations	3
___SOC265	Intro to Lesbian, Gay, Bisexual & Transgender Studies	3
___SOC270	Social and Behavioral Research Methods	3

**F. MATHEMATICS****Select one course**

All Arts & Sciences students, both new and returning, who have not taken a mathematics course at Kirkwood will be **REQUIRED** to provide one of the following:

1. ACT scores, not older than two years
2. COMPASS mathematics scores, not older than two years
3. College transcript to show successful completion of appropriate prerequisite

___MAT115	Mathematics and Society	3
___MAT117	*Math For Elementary Teachers	3
___MAT120	College Algebra	3
___MAT140	Finite Math	3
___MAT149	*Linear Algebra	3
___MAT150	*Discrete Math	3
___MAT155	Statistical Ideas	3
___MAT157	Statistics	4
___MAT162	Business Statistics	4
___MAT165	Business Calculus	3
___MAT136	Trigonometry and Analytic Geometry	5
___MAT138	College Algebra with Limits	4
___MAT175	Calculus for Biological Sciences	4
___MAT210	Calculus I	4
___MAT216	Calculus II	4
___MAT219	Calculus III	4
___MAT227	Differential Equation / Laplace	4

\* Effective Fall of 2011

◆ **At least one mathematics course at the college level must be included in the 20 semester hours of mathematics/science course work for the Associate of Science (AS) degree.**

◆ **20 credits combined from Mathematics & Science**

**ADVISING & TRANSFER CENTER**  
 108 Iowa Hall, 398-5540  
[att@kirkwood.edu](mailto:att@kirkwood.edu)  
 February, 2011

**G. SCIENCE** **20 c.h.****Biological**

___BIO104	Introductory Biology w/ Lab	3
___BIO112	General Biology I	4
___BIO113	General Biology II	4
___BIO154	Human Biology	3
___BIO168	Human Anatomy & Physiology I w/ Lab	4
___BIO173	Human Anatomy & Physiology II w/ Lab	4
___BIO186	Microbiology	4
___BIO189	Microbes & Society	3
___BIO190	Introduction to Biotechnology	3

**Environmental Studies**

___ENV115	Environmental Science	3
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**Earth Science and Interdisciplinary Science**

___PHS170	Physical Geology * <b>OR</b>	3
___PHS175	Environmental Geology *	3
___PHS171	Physical Geology Lab	1
___PHS176	Environmental Geology Lab	1
___PHS180	Evolution of the Earth	3
___PHS181	Evolution of the Earth Lab	1
___BIO195	Human Evolution	3

**Physical**

___CHM110	Introduction to Chemistry	3
___CHM111	Introduction to Chemistry Lab	1
___CHM132	Intro to Organic and Biochemistry	4
___CHM165	General Chemistry I	4
___CHM175	General Chemistry II	4
___CHM280	Quantitative Analysis	4
___CHM262	Organic Chemistry I	4.5
___CHM272	Organic Chemistry II	4.5
___PHY120	Introductory Physics	3
___PHS151	Introduction to Astronomy	3
___PHY162	College Physics I	4
___PHY172	College Physics II	4
___PHY212	Classical Physics I	5
___PHY222	Classical Physics II	5
___SCI120	Forensic Science	3
___SCI122	Forensic Science Lab	1

**\*Only one Geology course can count as Science credit.**

**H. ELECTIVES** **19 c.h.**

Electives are courses that go beyond core requirements in providing an opportunity to pursue subjects of special interest. All students are encouraged to fulfill their electives by taking courses that are not listed as core requirements. It is recommended that you work closely with your advisor as you select electives that could fulfill prerequisite requirements toward the major you wish to pursue at the four year institution.

Electives may include:

- ~all "Code A" (transfer) credits
- ~up to 16 "Code B" (technical) credits
- ~two (2) "Code D" (developmental) credits

Elective Course

Credit Hours

**It is important that you work closely with your academic advisor**

**to appropriately choose electives and/or core courses so as to**

**meet additional requirements placed upon students by the**

**four year institutions. For information specific to an Iowa**

**college, please contact your advisor for more detailed**

**recommendations.**

- Minimum grade point average required for degree - -2.00
- KCC residency requirement - - - - - 16 credit hours
- Degree total - - - - - 62 credit hours
- Apply for graduation (by September 1 for fall graduates and by April 1 for spring and summer graduates)