

# Transfer Degree Requirements

## Associate in Arts Degree Requirements

### Curriculum No. 100

General education provides students the knowledge and abilities necessary for future growth as lifelong learners. The abilities of a generally educated person include, but are not limited to, reading, writing, listening, speaking, observing, calculating, and using technology.

General education attempts to develop the following: general knowledge, intellectual concepts, a system of personal values/responsibility, higher level skills in communication/quantification/thinking, and understanding and appreciation of diverse cultures/environments.

Institutional Student Learning Objectives are divided into four broad categories: Critical Competency, Creative Competency, Communicative Competency, and Cultural Competency. A complete list of the Student Learning Outcomes are available from the Dean of Arts/Communications/Social Sciences, the Dean of Math/Science/Business, or the Vice President of Instruction.

Kishwaukee College is a participant in the Illinois Articulation Initiative (IAI), a statewide agreement that allows transfer of the completed General Education Core Curriculum between participating institutions. Completion of the General Education Core Curriculum at any participating college or university in Illinois assures transferring students that general education requirements for an associate or bachelor's degree have been satisfied. A receiving institution may require admitted transfer students to complete an institution-wide and/or mission-related graduation requirement beyond the scope of the Illinois General Education Core Curriculum.

These requirements are effective for students entering Kishwaukee College or any participating Illinois college or university in summer 1998 or later. Students who entered Kishwaukee College prior to summer 1998 may choose to complete the requirements listed below or choose to follow the requirements listed in a prior catalog according to the choice of catalog policy.

A minimum of 64 credit hours are required for the Associate in Arts degree or the Associate in Science degree. In fulfilling the required hours for the degree, no more than four hours of physical education activity courses may be used to fulfill the minimum hours required. Within the 64 hours, the following must be completed:

### I. GENERAL EDUCATION

#### COMMUNICATIONS – 9 CREDIT HOURS

Students must receive grades of “C” or higher in ENG 103 and 104.

COM 100	Oral Communication	(3)
ENG 103	Composition I	(3)
■ ENG 104	Composition II	(3)

#### MATHEMATICS – 3 CREDIT HOURS

MAT 101	Topics in Mathematics	(3)
MAT 202	Mathematics for Elementary Teachers II	(3)

*(Both MAT 201 and 202 must be satisfactorily completed to fulfill the three-hour mathematics requirement. This two-course sequence fulfills the general education requirement only for students seeking state certification as elementary teachers.)*

MAT 208	Introductory Statistics	(4)
MAT 210	Finite Mathematics	(3)
MAT 211	Calculus for Business and Social Sciences	(4)
MAT 220	Business Statistics	(4)
MAT 229	Calculus and Analytic Geometry I	(5)
MAT 230	Calculus and Analytic Geometry II	(5)
MAT 231	Calculus and Analytic Geometry III	(5)

### Attention Transfer Students:

*The recommended courses listed should be reviewed with an Academic Advisor/Counselor to determine their applicability toward Kishwaukee College degree requirements as well as bachelor's degree requirements of the four-year institution to which the student will transfer. All graduation and degree requirements for the A.A. or A.S. degree must be satisfied.*

**Graduates earning the Associate in Arts meet the requirement for coursework on improving human relations as defined in Public Act 87-581, revised PA 90-0655. Courses meeting this requirement are designated with a ■**

## SCIENCE – 7 CREDIT HOURS

**Must include a course in life sciences and a course in physical science, and a lab corresponding to one of these courses.**

\*Denotes approved laboratory science course.

### LIFE SCIENCES – 3 TO 4 CREDIT HOURS

■ BIO 101	Environmental Biology	(3)
BIO 102*	Environmental Biology Laboratory	(1)
■ BIO 103	General Biology	(3)
BIO 105*	General Biology Laboratory	(1)
BIO 109	Human Biology	(3)
BIO 110*	Human Biology Laboratory	(1)
BIO 201*	Biology Principles I	(4)

### PHYSICAL SCIENCES – 3 TO 4 CREDIT HOURS

CHE 110	Basic Chemistry	(3)
CHE 111*	Basic Chemistry Laboratory	(1)
CHE 210*	General Chemistry I	(5)
PHS 118*	Physical Science Lab	(1)
PHS 119	Introduction to Physical Science	(3)
PHS 120	Introduction to Physical Geology	(3)
PHS 130	Introduction to Astronomy	(3)
PHY 150	Introductory Physics	(3)
PHY 151*	Introductory Physics Laboratory	(1)
PHY 250*	General Physics I	(4)
PHY 263	Fundamentals of Physics I	(4)

### SOCIAL/BEHAVIORAL SCIENCE – 9 CREDIT HOURS

**Must include courses in at least two disciplines**

■ ANT 120	Introduction to Anthropology	(3)
ANT 203	Introduction to Archaeology	(3)
ANT 220	Introduction to Cultural Anthropology	(3)
ANT 240	Physical Anthropology	(3)
ECO 160	Introduction to Economics	(3)
ECO 260	Principles of Macroeconomics	(3)
■ ECO 261	Principles of Microeconomics	(3)
GEO 202	World Regional Geography	(3)
HIS 200	African American History	(3)
PLS 140	Introduction to American Government and Politics	(3)
■ PLS 210	International Relations	(3)
PLS 240	State and Local Government	(3)
■ PSY 102	Introduction to Psychology	(3)
■ PSY 225	Psychology of Childhood and Adolescence	(3)
PSY 280	Life-Span Human Development	(3)
PSY 286	Social Psychology	(3)
■ SOC 170	Introduction to Sociology	(3)
■ SOC 200	Race and Ethnic Relations	(3)
SOC 219	Marriage and Family	(3)
■ SOC 283	Social Problems	(3)

## HUMANITIES AND FINE ARTS – 9 CREDIT HOURS

**Must include one course in humanities, one course in fine arts, and one course in either humanities or fine arts.**

### HUMANITIES – 3 TO 6 CREDIT HOURS

ENG 130	Introduction to Literature	(3)
ENG 205	Introduction to Shakespeare	(3)
■ ENG 206	Introduction to Fiction	(3)
ENG 212	American Literature: 1865 to Present	(3)
ENG 215	Children's Literature	(3)
ENG 216	Introduction to Poetry	(3)
ENG 217	Introduction to Drama	(3)
■ ENG 283	Images of Women	(3)
ENG 286**	Literature and Film	(3)
ENG 292	Non-Western Literature in English <b>OR</b>	(3)
FRN 202	Intermediate French II <b>OR</b>	(3)
GER 202	Intermediate German II <b>OR</b>	(3)
HIS 144	Western Civilization to 1715	(3)
HIS 145	Western Civilization since 1715	(3)
HIS 172	World History to 1500	(3)
HIS 220	United States History to 1877	(3)
HIS 222	United States History Since 1877	(3)
HIS 249	History of Africa	(3)
HUM 119**	Humanities: Historical Survey	(3)
HUM 129**	Humanities: Topical Survey	(3)
HUM 217	World Mythology	(3)
PHL 101	Introduction to Philosophy	(3)
PHL 103	Introduction to Logic	(3)
PHL 198	World Religions	(3)
PHL 200	Ethics	(3)
SPA 202	Intermediate Spanish II	(3)

### FINE ARTS – 3-6 CREDIT HOURS

■ ART 282	Introduction to Visual Arts	(3)
ART 291	History of Art I Foundations	(3)
ART 292	History of Art II Foundations	(3)
ART 294	History of Photography	(3)
ENG 286**	Literature and Film	(3)
HUM 119**	Humanities: Historical Survey	(3)
HUM 129**	Humanities: Topical Survey	(3)
HUM 150	Introduction to Film Appreciation	(3)
■ MUS 130	Survey of American Music	(3)
MUS 220	Music Appreciation	(3)
■ MUS 222	Exploring Non-Western World Culture Through Music	(3)
THE 203	Introduction to Theatre	(3)

**\*\*ENG 286, HUM 119 or HUM 129 can fulfill one humanities/fine arts area but not both.**

## II. Student Success

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Students transferring from other institutions with 30 or more credit hours will be exempt from the Student Success requirement. This requirement will be waived for students pursuing a second degree at Kishwaukee College.

One of the following:

AGT 100	Orientation to Agricultural Careers	(1)
CSD 100	The College Experience	(2)
CSD 101	Career Planning	(2)
ENG 111	College Study Skills	(2)

## III. Open Electives

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Courses used to meet the open elective requirement may be selected from 100/200 level courses in fine arts, humanities, mathematics, physical science, life science, social sciences, or other undergraduate-level credit courses. Courses should be chosen according to the student's intended major at the bachelor's degree level. Students should consult with a Kishwaukee College faculty advisor, academic advisor/counselor, or the transfer institution to verify that selected courses will meet the requirement of the transfer institution. Educational Guarantees will be voided if this is not done.

A maximum of 4 credit hours of physical education activity credit can be applied to meeting this requirement.

## IV. Additional Requirements

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- A. Meet the College's academic residency requirement: a minimum of 15 credit hours in 100/200 level course work must be completed at Kishwaukee College for each degree earned.
- B. Fulfill the cumulative grade point average requirement of 2.000 ("C") in all 100/200 level courses attempted at Kishwaukee College.
- C. Resolve any incomplete grades in Kishwaukee College course work.
- D. Apply for graduation through Kishwaukee College Self-Service located in myKC.

# Associate in Science Degree Requirements

## Curriculum No. 120

General education provides students the knowledge and abilities necessary for future growth as lifelong learners. The abilities of a generally educated person include, but are not limited to, reading, writing, listening, speaking, observing, calculating, and using technology.

The goals of general education aim toward development of general knowledge and intellectual concepts; a system of personal values; higher level skills in communication, quantification, and thinking; and understanding and appreciation of diverse cultures and environments; and personal responsibility.

Institutional Student Learning Objectives are divided into four broad categories: Critical Competency, Creative Competency, Communicative Competency, and Cultural Competency. A complete list of the Student Learning Outcomes are available from the Dean of Arts/Communications/Social Sciences, the Dean of Math/Science/Business, or the Vice President of Instruction.

Completion of this Associate in Science curriculum does not fulfill the requirements of the Illinois Articulation Initiative General Education Core Curriculum (GECC). Students will need to complete the general education requirements of the institution to which they transfer. Post transfer students can complete three (3) credits of Social Science and three (3) credits of Humanities and Fine Arts at the Illinois 4-year public institution to complete the GECC requirement. **It is strongly recommended you consult with your Kishwaukee College counselor regarding the GECC requirements to transfer.**

These requirements are effective for students entering Kishwaukee College or any participating Illinois college or university in summer 2016 or later.

A minimum of 64 credit hours are required for the Associate in Science degree. In fulfilling the required hours for the degree, no more than four hours of physical education activity courses may be used to fulfill the minimum hours required. Within the 64 hours, the following must be completed:

### I. GENERAL EDUCATION

#### COMMUNICATIONS – 9 CREDIT HOURS

Students must receive grades of “C” or higher in ENG 103 and 104.

COM 100	Oral Communication	(3)
ENG 103	Composition I	(3)
■ ENG 104	Composition II	(3)

#### MATHEMATICS – 6-9 CREDIT HOURS

Students pursuing a mathematics pathway should take more mathematic credits.

Must choose 3-6 credits from these courses:

MAT 101	Topics in Mathematics	(3)
MAT 202	Mathematics for Elementary Teachers II	(3)
MAT 208	Introductory Statistics	(4)
MAT 210	Finite Mathematics	(3)
MAT 211	Calculus for Business and Social Sciences	(4)
MAT 220	Business Statistics	(4)
MAT 229	Calculus and Analytic Geometry I	(5)
MAT 230	Calculus and Analytic Geometry II	(5)
MAT 231	Calculus and Analytic Geometry III	(5)

An additional 3-6 credits may be selected from 100/200 level courses in mathematics.

#### Attention Transfer Students:

*The recommended courses listed should be reviewed with an Academic Advisor/Counselor to determine their applicability toward Kishwaukee College degree requirements as well as bachelor’s degree requirements of the four-year institution to which the student will transfer. All graduation and degree requirements for the A.A. or A.S. degree must be satisfied.*

**Graduates earning the Associate in Science meet the requirement for coursework on improving human relations as defined in Public Act 87-581, revised PA 90-0655. Courses meeting this requirement are designated with a ■**

## SCIENCE – 10-11 CREDIT HOURS

Students pursuing a science pathway should take more science credits.

Must choose 7-8 credits from these courses.

**Must include a course in life sciences and a course in physical science, and a lab corresponding to one of these courses.**

### LIFE SCIENCES

■ BIO 101	Environmental Biology	(3)
BIO 102*	Environmental Biology Laboratory	(1)
■ BIO 103	General Biology	(3)
BIO 105*	General Biology Laboratory	(1)
BIO 109	Human Biology	(3)
BIO 110*	Human Biology Laboratory	(1)
BIO 201*	Biology Principles I	(4)

### PHYSICAL SCIENCES

CHE 110	Basic Chemistry	(3)
CHE 111*	Basic Chemistry Laboratory	(1)
CHE 210*	General Chemistry I	(5)
PHS 118*	Physical Science Lab	(1)
PHS 119	Introduction to Physical Science	(3)
PHS 130	Introduction to Astronomy	(3)
PHS 120	Introduction to Physical Geology	(3)
PHY 150	Introductory Physics	(3)
PHY 151*	Introductory Physics Laboratory	(1)
PHY 250*	General Physics I	(4)
PHY 263	Fundamentals of Physics I	(4)

An additional 2-4 credits may be selected from 100/200 level courses in life sciences or physical sciences.

\*Denotes laboratory course.

## SOCIAL/BEHAVIORAL SCIENCE – 6 CREDIT HOURS

**Must include courses in at least two disciplines**

■ ANT 120	Introduction to Anthropology	(3)
ANT 203	Introduction to Archaeology	(3)
ANT 220	Introduction to Cultural Anthropology	(3)
ANT 240	Physical Anthropology	(3)
ECO 160	Introduction to Economics	(3)
ECO 260	Principles of Macroeconomics	(3)
■ ECO 261	Principles of Microeconomics	(3)
GEO 202	World Regional Geography	(3)
HIS 200	African American History	(3)
PLS 140	Introduction to American Government and Politics	(3)
■ PLS 210	International Relations	(3)
PLS 240	State and Local Government	(3)
■ PSY 102	Introduction to Psychology	(3)
■ PSY 225	Psychology of Childhood and Adolescence	(3)
PSY 280	Life-Span Human Development	(3)
PSY 286	Social Psychology	(3)
■ SOC 170	Introduction to Sociology	(3)
■ SOC 200	Race and Ethnic Relations	(3)
SOC 219	Marriage and Family	(3)
■ SOC 283	Social Problems	(3)

## HUMANITIES AND FINE ARTS – 6 CREDIT HOURS

**Must include one course in humanities, one course in fine arts.**

### HUMANITIES

ENG 130	Introduction to Literature	(3)
ENG 205	Introduction to Shakespeare	(3)
■ ENG 206	Introduction to Fiction	(3)
ENG 212	American Literature: 1865 to Present	(3)
ENG 215	Children's Literature	(3)
ENG 216	Introduction to Poetry	(3)
ENG 217	Introduction to Drama	(3)
■ ENG 283	Images of Women	(3)
ENG 286**	Literature and Film	(3)
FRN 202	Intermediate French II <b>OR</b>	(3)
GER 202	Intermediate German II <b>OR</b>	(3)
HIS 144	Western Civilization to 1715	(3)
HIS 145	Western Civilization since 1715	(3)
HIS 172	World History to 1500	(3)
HIS 220	United States History to 1877	(3)
HIS 222	United States History Since 1877	(3)
HIS 249	History of Africa	(3)
HUM 119**	Humanities: Historical Survey	(3)
HUM 129**	Humanities: Topical Survey	(3)
HUM 217	World Mythology	(3)
PHL 101	Introduction to Philosophy	(3)
PHL 103	Introduction to Logic	(3)
PHL 198	World Religions	(3)
PHL 200	Ethics	(3)
SPA 202	Intermediate Spanish II	(3)

### FINE ARTS

■ ART 282	Introduction to Visual Arts	(3)
ART 291	History of Art I Foundations	(3)
ART 292	History of Art II Foundations	(3)
ART 294	History of Photography	(3)
ENG 286**	Literature and Film	(3)
HUM 119**	Humanities: Historical Survey	(3)
HUM 129**	Humanities: Topical Survey	(3)
HUM 150	Introduction to Film Appreciation	(3)
■ MUS 130	Survey of American Music	(3)
MUS 220	Music Appreciation	(3)
■ MUS 222	Exploring Non-Western World Culture Through Music	(3)
THE 203	Introduction to Theatre	(3)

**\*\*ENG 286, HUM 119 or HUM 129 can fulfill one humanities/fine arts area but not both.**

## II. Student Success

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Students transferring from other institutions with 30 or more credit hours will be exempt from the Student Success requirement. This requirement will be waived for students pursuing a second degree at Kishwaukee College.

One of the following:

AGT 100	Orientation to Agricultural Careers	(1)
CSD 100	The College Experience	(2)
CSD 101	Career Planning	(2)
ENG 111	College Study Skills	(2)

## III. Open Electives

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Courses used to meet the open elective requirement may be selected from 100/200 level courses in fine arts, humanities, mathematics, physical science, life science, social sciences, or other undergraduate-level credit courses. Courses should be chosen according to the student's intended major at the bachelor's degree level. Students should consult with a Kishwaukee College faculty advisor, academic advisor/counselor, or the transfer institution to verify that selected courses will meet the requirement of the transfer institution. Educational Guarantees will be voided if this is not done.

A maximum of 4 credit hours of physical education activity credit can be applied to meeting this requirement.

## IV. Additional Requirements

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- A. Meet the College's academic residency requirement: a minimum of 15 credit hours in 100/200 level course work must be completed at Kishwaukee College for each degree earned.
- B. Fulfill the cumulative grade point average requirement of a grade point average of 2.000 ("C") in all 100/200 level courses attempted at Kishwaukee College.
- C. Resolve any incomplete grades in Kishwaukee College course work.
- D. Apply for graduation through Kishwaukee College Self-Service located in myKC.

# Associate in Engineering Science Degree Requirements

## Curriculum No. 140

To transfer as a junior into a baccalaureate engineering program, students must complete a minimum of 64 credit hours from the list below, including prerequisite courses. Since admission is highly competitive, completion of the courses listed below does not guarantee admission to engineering programs at four-year institutions. Usually, a grade of "C" or better is required for a course to fulfill a degree requirement. Students should decide on their engineering specialty and their transfer school no later than the beginning of the sophomore year. Since engineering course selections vary by specialty and school, students should select their courses in consultation with an engineering advisor at Kishwaukee College.

Completion of this engineering curriculum does not fulfill the requirements of the Illinois Articulation Initiative General Education Core Curriculum. Students will need to complete the general education requirements of the institution to which they transfer.

A minimum of 64 credit hours are required for the Associate in Engineering Science degree. Within the 64 hours, the following must be completed:

### I. GENERAL EDUCATION

#### COMMUNICATIONS – 6 CREDIT HOURS

Students must receive grades of "C" or higher in ENG 103 and 104.

COM 100	Oral Communication	(3)
ENG 103	Composition I	(3)
■ ENG 104	Composition II	(3)

#### SOCIAL/BEHAVIORAL SCIENCES – 6 CREDIT HOURS

A two semester sequence in the same discipline is recommended.

■ ANT 120	Introduction to Anthropology	(3)
ANT 203	Introduction to Archaeology	(3)
ANT 220	Introduction to Cultural Anthropology	(3)
ANT 240	Physical Anthropology	(3)
ECO 160	Introduction to Economics	(3)
ECO 260	Principles of Macroeconomics	(3)
■ ECO 261*	Principles of Microeconomics	(3)
GEO 202	World Regional Geography	(3)
HIS 200	African American History	(3)
PLS 140	Introduction to American Government	(3)
■ PLS 210	International Relations	(3)
PLS 240	State and Local Government	(3)
■ PSY 102	Introduction to Psychology	(3)
■ PSY 225	Psychology of Childhood and Adolescence	(3)
PSY 280	Life-Span Development	(3)
PSY 286	Social Psychology	(3)
■ SOC 170	Introduction to Sociology	(3)
■ SOC 200	Race and Ethnic Relations	(3)
SOC 219	Marriage and Family	(3)
■ SOC 283	Social Problems	(3)

\*ECO 261 can fulfill specialty course elective or general education but not both.

#### HUMANITIES/FINE ARTS – 6 CREDIT HOURS

A two semester sequence in the same discipline is recommended.

#### HUMANITIES

ENG 130	Introduction to Literature	(3)
ENG 205	Introduction to Shakespeare	(3)
■ ENG 206	Introduction to Fiction	(3)
ENG 212	American Literature: 1865 to Present	(3)
ENG 216	Introduction to Poetry	(3)
ENG 217	Introduction to Drama	(3)
■ ENG 283	Images of Women	(3)
ENG 286	Literature and Film	(3)
FRN 202	Intermediate French II	(3)
GER 202	Intermediate German II	(3)
HIS 144	Western Civilization to 1715	(3)
HIS 145	Western Civilization since 1715	(3)
HIS 172	World History to 1500	(3)
HIS 220	United States History to 1877	(3)
HIS 222	United States History Since 1877	(3)
HIS 249	History of Africa	(3)
HUM 119	Humanities: Historical Survey	(3)
HUM 129	Humanities: Topical Survey	(3)
HUM 150	Introduction to Film Appreciation	(3)
PHL 101	Introduction to Philosophy	(3)
PHL 103	Introduction to Logic	(3)
PHL 198	World Religions	(3)
PHL 200	Ethics	(3)
SPA 202	Intermediate Spanish II	(3)

Graduates earning the Associate in Engineering Science meet the requirement for course work on improving human relations as defined in Public Act 87-581, revised PA 90-0655. Courses meeting this requirement are designated with a ■

## FINE ARTS

ART 282	Introduction to Visual Arts	(3)
ART 291	History of Art I Foundations	(3)
ART 292	History of Art II Foundations	(3)
ART 294	History of Photography	(3)
■ MUS 130	Survey of American Music	(3)
MUS 220	Music Appreciation	(3)
■ MUS 222	Exploring Non-Western Culture Through Music	(3)
THE 203	Introduction to Theatre	(3)

## MATHEMATICS – 5 CREDIT HOURS

MAT 229	Calculus and Analytic Geometry I	(5)
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## PHYSICAL SCIENCE – 5 CREDIT HOURS

CHE 210	General Chemistry I	(5)
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## II. MAJOR RECOMMENDATION

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### 23 CREDIT HOURS

CHE 211	General Chemistry II	(5)
CIS 150	C++ Programming I	(3)
MAT 230	Calculus and Analytic Geometry II	(5)
MAT 231	Calculus and Analytic Geometry III	(5)
MAT 240	Linear Algebra	(4)
MAT 260	Differential Equations	(3)
PHY 263	Fundamentals of Physics I	(4)
PHY 273	Fundamentals of Physics II	(4)

## III. ENGINEERING SPECIALTY COURSES

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### 13 CREDIT HOURS

**Kishwaukee College recommends 13 hours of the following engineering specialty courses if a student is interested in:**

#### CHEMICAL ENGINEERING

CHE 211	General Chemistry II	(5)
CHE 270	Organic Chemistry I	(3)
CHE 271	Organic Chemistry II	(3)
CHE 272	Organic Chemistry Lab I	(2)
CHE 273	Organic Chemistry Lab II	(2)

#### CIVIL ENGINEERING

EGR 101	Introduction to Engineering	(1)
EGR 177	Engineering Design Graphics	(3)
EGR 250	Thermodynamics	(3)
EGR 270	Statics	(3)
EGR 272	Dynamics	(3)
EGR 280	Mechanics of Materials	(3)

## COMPUTER ENGINEERING

CIS 250	C++ Programming II	(3)
EGR 101	Introduction to Engineering	(1)
EGR 177	Engineering Design Graphics	(3)
EGR 270	Statics	(3)
EGR 272	Dynamics	(3)
EGR 290	Circuit Analysis	(3)
EGR 291	Circuit Analysis Lab	(1)
PHY 283	Fundamentals of Physics III	(3)

## ELECTRICAL ENGINEERING

CIS 250	C++ Programming II	(3)
EGR 101	Introduction to Engineering	(1)
EGR 177	Engineering Design Graphics	(3)
EGR 270	Statics	(3)
EGR 272	Dynamics	(3)
EGR 290	Circuit Analysis	(3)
EGR 291	Circuit Analysis Lab	(1)
PHY 283	Fundamentals of Physics III	(3)

## INDUSTRIAL ENGINEERING

EGR 101	Introduction to Engineering	(1)
EGR 177	Engineering Design Graphics	(3)
EGR 250	Thermodynamics	(3)
EGR 270	Statics	(3)
EGR 272	Dynamics	(3)
EGR 280	Mechanics of Materials	(3)
EGR 290	Circuit Analysis	(3)
EGR 291	Circuit Analysis Lab	(1)

## MECHANICAL ENGINEERING

EGR 101	Introduction to Engineering	(1)
EGR 177	Engineering Design Graphics	(3)
EGR 250	Thermodynamics	(3)
EGR 270	Statics	(3)
EGR 272	Dynamics	(3)
EGR 280	Mechanics of Materials	(3)
EGR 290	Circuit Analysis	(3)
EGR 291	Circuit Analysis Lab	(1)

## IV. ADDITIONAL REQUIREMENTS

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- Meet the College's academic residency requirement: a minimum of 15 credit hours in 100/200 level course work must be completed at Kishwaukee College for each degree earned.
- Fulfill the cumulative grade point average requirement of a grade point average of 2.000 in all applicable courses attempted at Kishwaukee College.
- Resolve any incomplete grades in Kishwaukee College course work.
- Apply for graduation through Kishwaukee College Self-Service located in myKC.



# Associate in Fine Arts Degree Requirements (Fine Art Emphasis)

## Curriculum No. 130

To transfer as a junior into a B.F.A. program with a major in Art, students should follow the requirements described below in consultation with an art department advisor. Completion of the A.F.A. degree, however, does not fulfill the requirements of the IAI General Education Core Curriculum, nor does it fulfill the requirements for the A.A. or the A.S. degree.

Therefore, students will need to fulfill the general education requirements of the institution to which they transfer.

Transfer admission is competitive at many four-year schools. Completion of the A.F.A. alone does not guarantee admission to the baccalaureate program or to upper-division or specialty art courses. Students may be required to demonstrate skill level through a portfolio review at the institution to which they transfer for admission to a B.F.A. program, for registration in advanced studio courses, and/or for scholarship consideration. Some colleges and universities may require competency in a foreign language.

A minimum of 64 credit hours are required for the Associate in Fine Arts Degree (Fine Arts Emphasis). Within the 64 hours, the following must be completed.

## I. GENERAL EDUCATION

### 31 CREDIT HOURS

#### COMMUNICATIONS – 9 CREDIT HOURS

Students must receive grades of “C” or higher in ENG 103 and 104.

COM 100	Oral Communication	(3)
ENG 103	Composition I	(3)
■ ENG 104	Composition II	(3)

#### MATHEMATICS – 3 CREDIT HOURS

MAT 101	Topics in Mathematics	(3)
MAT 208	Introductory Statistics	(4)
MAT 210	Finite Mathematics	(3)
MAT 211	Calculus for Business and Social Sciences	(4)
MAT 220	Business Statistics	(4)
MAT 229	Calculus and Analytic Geometry I	(5)
MAT 230	Calculus and Analytic Geometry II	(5)
MAT 231	Calculus and Analytic Geometry III	(5)

#### SCIENCE – 7 CREDIT HOURS

Must include a course in life sciences and a course in physical science, and a lab corresponding to one of these courses.

\*Denotes approved laboratory science course.

#### LIFE SCIENCES – 3 TO 4 CREDIT HOURS

■ BIO 101	Environmental Biology	(3)
BIO 102*	Environmental Biology Laboratory	(1)
■ BIO 103	General Biology	(3)
BIO 105*	General Biology Laboratory	(1)
BIO 109	Human Biology	(3)
BIO 110*	Human Biology Laboratory	(1)

#### PHYSICAL SCIENCES – 3 TO 4 CREDIT HOURS

CHE 110	Basic Chemistry	(3)
CHE 111*	Basic Chemistry Laboratory	(1)
CHE 210*	General Chemistry I	(5)
PHS 118*	Physical Science Lab	(1)
PHS 119	Introduction to Physical Science	(3)

PHS 120	Introduction to Physical Geology	(3)
PHS 130	Introduction to Astronomy	(3)
PHY 150	Introductory Physics	(3)
PHY 151*	Introductory Physics Laboratory	(1)
PHY 250*	General Physics I	(4)
PHY 263	Fundamentals of Physics I*	(4)

#### SOCIAL/BEHAVIORAL SCIENCE – 6 CREDIT HOURS

Must include courses in at least two disciplines

■ ANT 120	Introduction to Anthropology	(3)
ANT 203	Introduction to Archaeology	(3)
ANT 220	Introduction to Cultural Anthropology	(3)
ECO 160	Introduction to Economics	(3)
ECO 260	Principles of Macroeconomics	(3)
ECO 261	Principles of Microeconomics	(3)
GEO 202	World Regional Geography	(3)
HIS 200	African American History	(3)
PLS 140	Introduction to American Government and Politics	(3)
■ PLS 210	International Relations	(3)
PLS 240	State and Local Government	(3)
■ PSY 102	Introduction to Psychology	(3)
■ PSY 225	Psychology of Childhood and Adolescence	(3)
PSY 280	Life-Span Human Development	(3)
PSY 286	Social Psychology	(3)
■ SOC 170	Introduction to Sociology	(3)
■ SOC 200	Race and Ethnic Relations	(3)
SOC 219	Marriage and Family	(3)
■ SOC 283	Social Problems	(3)

Graduates earning the Associate in Fine Arts (Fine Arts Emphasis) meet the requirement for course work on improving human relations as defined in Public Act 87-581, revised PA 90-0655. Courses meeting this requirement are designated with a ■

## HUMANITIES – 6 CREDIT HOURS

### Must include courses in at least two disciplines

ENG 130	Introduction to Literature	(3)
ENG 205	Introduction to Shakespeare	(3)
■ ENG 206	Introduction to Fiction	(3)
ENG 212	American Literature: 1865 to Present	(3)
ENG 216	Introduction to Poetry	(3)
ENG 217	Introduction to Drama	(3)
ENG 283	Images of Women	(3)
ENG 286	Literature and Film	(3)
FRN 202	Intermediate French II	(3)
GER 202	Intermediate German II	(3)
HIS 144	Western Civilization to 1715	(3)
HIS 145	Western Civilization since 1715	(3)
HIS 172	World History to 1500	(3)
HIS 220	United States History to 1877	(3)
HIS 222	United States History Since 1877	(3)
HIS 249	History of Africa	(3)
HUM 119	Humanities: Historical Survey	(3)
HUM 129	Humanities: Topical Survey	(3)
PHL 101	Introduction to Philosophy	(3)
PHL 198	World Religions	(3)
PHL 200	Ethics	(3)
SPA 202	Intermediate Spanish II	(3)

## II. REQUIRED ART COURSES

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### 21 CREDIT HOURS

ART 100	Drawing I Foundations	(3)
ART 101	Drawing II Foundations	(3)
ART 200	Figure Drawing I	(3)
ART 211	2-D Design Foundations	(3)
ART 212	3-D Design Foundations	(3)
ART 291	History of Art I Foundations	(3)
ART 292	History of Art II Foundations	(3)

## III. REQUIRED STUDIO ART

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### 12 CREDIT HOURS

Select 9 hours from at least two media in consultation with Art Department Advisor.

ART 103	Digital Art	(3)
ART 167	Graphic Design I	(3)
ART 201	Figure Drawing II	(3)
ART 203	Digital Imaging	(3)
ART 204	Digital Illustration	(3)
ART 207	Video Art	(3)
ART 214	Intaglio Printmaking	(3)
ART 223	Photography I	(3)
ART 224	Photography II	(3)
ART 231	Sculpture I	(3)
ART 232	Sculpture II	(3)
ART 235	Metals/Jewelry I	(3)
ART 236	Metals/Jewelry II	(3)
ART 241	Ceramics I	(3)
ART 242	Ceramics II	(3)
ART 250	Relief Printing	(3)
ART 260	Painting I	(3)
ART 261	Painting II	(3)
ART 267	Graphic Design II	(3)

## IV. ADDITIONAL REQUIREMENTS

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- A. Meet the College's academic residency requirement: a minimum of 15 credit hours in 100/200 level course work must be completed at Kishwaukee College for each degree earned.
- B. Fulfill the cumulative grade point average requirement: a grade point average of 2.000 in all applicable courses attempted at Kishwaukee College.
- C. Resolve any incomplete grades in Kishwaukee College course work.
- D. Apply for graduation through Kishwaukee College Self-Service located in myKC.

# Associate in Fine Arts Degree Requirements (Art Education Emphasis)

## Curriculum No. 131

To teach in Illinois public schools, teachers must be certified by the State of Illinois. To transfer as a junior into an approved baccalaureate program in art education (K-12 or 6-12), students must complete a minimum of 60 credit hours, including the general education courses specified to meet teacher certification requirements and the art courses specified below.

Students will need to fulfill the general education and teacher certification requirements of the institution to which they transfer. Admission to teacher certification programs is competitive, with most institutions requiring a minimum grade point average of 2.5 (on a 4.0 scale). Students must also pass examinations in basic skills (reading, writing, grammar, and math). Kishwaukee College students are strongly encouraged to complete a degree that is designed for transfer. Courses should be selected in consultation with an art education advisor.

A minimum of 67 credit hours are required for the Associate in Fine Arts Degree (Art Education Emphasis). With the 67 hours, the following must be completed:

### I. GENERAL EDUCATION

#### 37 CREDIT HOURS

#### COMMUNICATIONS – 9 CREDIT HOURS

Students must receive grades of “C” or higher in ENG 103 and 104.

COM 100	Oral Communication	(3)
ENG 103	Composition I	(3)
■ ENG 104	Composition II	(3)

#### MATHEMATICS – 3 CREDIT HOURS

MAT 101	Topics in Mathematics	(3)
MAT 208	Introductory Statistics	(4)
MAT 210	Finite Mathematics	(3)
MAT 211	Calculus for Business and Social Sciences	(4)
MAT 220	Business Statistics	(4)
MAT 229	Calculus and Analytic Geometry I	(5)
MAT 230	Calculus and Analytic Geometry II	(5)
MAT 231	Calculus and Analytic Geometry III	(5)

#### SCIENCE – 7 CREDIT HOURS

Must include a course in life sciences and a course in physical science, and a lab corresponding to one of these courses.

\*Denotes approved laboratory science course.

#### LIFE SCIENCES – 3 TO 4 CREDIT HOURS

■ BIO 101	Environmental Biology	(3)
BIO 102*	Environmental Biology Laboratory	(1)
■ BIO 103	General Biology	(3)
BIO 105*	General Biology Laboratory	(1)
BIO 109	Human Biology	(3)
BIO 110*	Human Biology Laboratory	(1)

#### PHYSICAL SCIENCES – 3 TO 4 CREDIT HOURS

CHE 110	Basic Chemistry	(3)
CHE 111*	Basic Chemistry Laboratory	(1)
CHE 210*	General Chemistry I	(5)
PHS 119	Introduction to Physical Science	(3)
PHS 120	Introduction to Physical Geology	(3)
PHS 130	Introduction to Astronomy	(3)
PHY 150	Introductory Physics	(3)
PHY 151*	Introductory Physics Laboratory	(1)
PHY 250*	General Physics I	(4)
PHY 263*	Fundamentals of Physics I	(4)

#### SOCIAL/BEHAVIORAL SCIENCE – 9 CREDIT HOURS

ANT 120	Introduction to Anthropology	(3)
PLS 140	Introduction to American Government and Politics	(3)
■ PSY 102	Introduction to Psychology	(3)

#### HUMANITIES AND FINE ARTS – 9 CREDIT HOURS

##### 3 hours from:

MUS 222	Exploring Non-Western World Culture Through Music	(3)
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##### 6 hours from:

ENG 130	Introduction to Literature	(3)
ENG 205	Introduction to Shakespeare	(3)
■ ENG 206	Introduction to Fiction	(3)
ENG 212	American Literature: 1865 to Present	(3)
ENG 216	Introduction to Poetry	(3)
ENG 217	Introduction to Drama	(3)
■ ENG 283	Images of Women	(3)
ENG 286	Literature and Film	(3)

Graduates earning the Associate in Fine Arts (Art Education Emphasis) meet the requirement for course work on improving human relations as defined in Public Act 87-581, revised PA 90-0655. Courses meeting this requirement are designated with a ■

## II. REQUIRED ART COURSES

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### 21 CREDIT HOURS FROM THE FOLLOWING:

ART 100	Drawing I Foundations	(3)
ART 101	Drawing II Foundations	(3)
ART 200	Figure Drawing I	(3)
ART 211	2-D Design Foundations	(3)
ART 212	3-D Design Foundations	(3)
ART 291	History of Art I Foundations	(3)
ART 292	History of Art II Foundations	(3)

### 9 CREDIT HOURS FROM THE FOLLOWING:

ART 103	Digital Art	(3)
ART 167	Graphic Design I	(3)
ART 203	Digital Imaging	(3)
ART 204	Digital Illustration	(3)
ART 207	Video Art	(3)
ART 214	Intaglio Printmaking	(3)
ART 223	Photography I	(3)
ART 231	Sculpture I	(3)
ART 235	Metals/Jewelry I	(3)
ART 241	Ceramics I	(3)
ART 250	Relief Printing	(3)
ART 260	Painting I	(3)
ART 267	Graphic Design II	(3)

## III. ADDITIONAL REQUIREMENTS

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- A. Meet the College's academic residency requirement: a minimum of 15 credit hours in 100/200 level course work must be completed at Kishwaukee College for each degree earned.
- B. Fulfill the cumulative grade point average requirement: a grade point average of 2.000 in all applicable courses attempted at Kishwaukee College.
- C. Resolve any incomplete grades in Kishwaukee College course work.
- D. Apply for graduation through Kishwaukee College Self-Service located in myKC.

## Associate in General Studies

### Curriculum No. 350

The Associate in General Studies (AGS) Degree is an individualized degree. In partnership with an academic advisor/counselor, AGS allows students to design their own associate degree plan that may include both transfer and occupational courses. This degree has a minimum of 21 general education requirements, thus allowing considerable flexibility in designing and pursuing a course of study that meets individualized learning goals. All students considering an AGS must meet with an academic advisor/counselor to determine suitability. The AGS is not a transfer degree and may not transfer to senior institutions. The AGS is not designed for transfer to a four-year college or university. The general education requirements for the AGS may not fulfill the IAI (Illinois Articulation Initiative) General Education Core Curriculum guidelines. Some credits earned toward the AGS degree may transfer. Students should check with the receiving institution for specific transfer approval. Transfer options for the degree as a whole are limited.

<b>COMMUNICATION</b> (English and/or Communications)	(6)
<b>SOCIAL SCIENCE</b>	(3)
<b>LIFE SCIENCE, PHYSICAL SCIENCE OR MATHEMATICS</b>	(3)
<b>FINE ARTS OR HUMANITIES</b>	(3)
<b>COURSE FROM ANY OF THE GENERAL EDUCATION AREAS</b>	(3)
<b>OCCUPATIONAL COURSE</b>	(2)
<b>ELECTIVES</b>	(37)
	<b>(60)</b>

## General Education Core Curriculum Credential

The General Education Core Curriculum (GECC) Credential is a set of core courses considered to be the foundation for a well-rounded education. It consists of a minimum of 37 credit hours from a set of courses from communications, mathematics, life and physical science, social sciences, and humanities and fine arts. Successful completion of the GECC Credential will provide students with a seamless transfer to any participating associate or bachelor's degree program. It is not a workforce certificate nor an industry-recognized credential.

The General Education Core Curriculum (GECC) is composed of all Illinois Articulation Initiative (IAI) approved general education courses. For specific course listings, see the listing of IAI General Education Core Curriculum courses. The IAI equivalent code is listed in the right-hand column. This list is periodically updated, but always check with an advisor for the most current information. Students are required to complete 37-41 credit hours in the areas of:

### I. COMMUNICATION

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#### 9 CREDIT HOURS

Including a two-course sequence in writing and one course in oral communications.

ENG 103	Composition I	(3)	C1 900
ENG 104	Composition II	(3)	C1 901R
COM 100	Oral Communication	(3)	C2 900

### II. HUMANITIES & FINE ARTS

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#### 9 CREDIT HOURS

Must include one course in humanities, one course in fine arts, and one in either humanities or fine arts.

#### Humanities

ENG 130	Introduction to Literature	(3)	H3 900
ENG 205	Introduction to Shakespeare	(3)	H3 905
ENG 206	Introduction to Fiction	(3)	H3 901
ENG 212	American Literature 1865 to Present	(3)	H3 915
ENG 215	Children's Literature	(2)	H3 918
ENG 216	Introduction to Poetry	(3)	H3 903
ENG 217	Introduction to Drama	(3)	H3 902
ENG 283	Images of Women	(3)	H3 911D
FRN 202	Intermediate French	(3)	H1 900
GER 202	Intermediate German	(3)	H1 900
HIS 144	Western Civilization to 1715	(3)	H2 901
HIS 145	Western Civilization since 1715	(3)	H2 902
HIS 172	World History to 1500	(3)	H2 906
HIS 220	United States History to 1877	(3)	H2 904
HIS 222	United States History Since 1877	(3)	H2 905
HIS 249	History of Africa	(3)	H2 903N

HUM 217 World Mythology	(3)	H9 901
PHL 101 Introduction to Philosophy	(3)	H4 900
PHL 103 Introduction to Logic	(3)	H4 906
PHL 198 World Religions	(3)	H5 904N
PHL 200 Ethics	(3)	H4 904
SPA 202 Intermediate Spanish II	(3)	H1 900

### Humanities/Fine Arts

(These three courses can be either a humanities or fine arts)

ENG 286 Literature and Film	(3)	HF 908
HUM 119 Humanities: Historical Survey	(3)	HF 900
HUM 129 Humanities: Topical Survey	(3)	HF 901

### Fine Arts

ART 282 Introduction to Visual Arts	(3)	F2 900
ART 291 History of Art I Foundations	(3)	F2 901
ART 292 History of Art II Foundations	(3)	F2 902
ART 294 History of Photography	(3)	F2 904
HUM 150 Introduction to Film Appreciation	(3)	F2 908
MUS 130 Survey American Music	(3)	F1 904
MUS 220 Music Appreciation	(3)	F1 900
MUS 222 Exploring Non-Western World Culture	(3)	F1 903N
THE 203 Introduction to the Theatre	(3)	F1 907

## III. MATHEMATICS

### 3-6 CREDIT HOURS

MAT 101 Topics in Mathematics	(3)	M1 901
MAT 202 Mathematics for Elementary Teachers II	(3)	M1 903
MAT 208 Introductory Statistics	(4)	M1 902
MAT 210 Finite Mathematics	(3)	M1 906
MAT 211 Calculus for Business and Social Sciences	(4)	M1 900-B
MAT 220 Business Statistics	(4)	M1 902 BUS 901
MAT 229 Calculus & Analytic Geometry I	(5)	M1 900-1 MTH 901
MAT 230 Calculus & Analytic Geometry II	(5)	M1 900-2 MTH 902
MAT 231 Calculus/Analytical Geometry III	(5)	M1 900-3 MTH 903

## IV. PHYSICAL AND LIFE SCIENCES

### 7-8 CREDIT HOURS

Must include a course in life science and a course in physical science, and a lab corresponding to one of these courses.

### Physical Science

CHE 110 Basic Chemistry	(3)	P1 902
CHE 111 Basic Chemistry Laboratory	(1)	P1 902L

CHE 150 Introductory Organic Chemistry	(3)	P1 904
CHE 151 Introductory Organic Chemistry Laboratory	(1)	P1 904L
CHE 210 General Chemistry I	(5)	P1 902L CHM 911
PHS 118 Physical Science Lab	(1)	P9 900L
PHS 119 Introduction Physical Science	(3)	P9 900
PHS 120 Introduction- Physical Geology	(3)	P1 907
PHS 130 Introduction to Astronomy	(3)	P1 906
PHY 150 Introductory Physics	(3)	P1 900
PHY 151 Introductory Physics Laboratory	(1)	P1 900L
PHY 250 General Physics I	(4)	P1 900L

### Life Science

BIO 101 Environmental Biology	(3)	L1 905
BIO 102 Environmental Biology Laboratory	(1)	L1 905L
BIO 103 General Biology	(3)	L1 900
BIO 105 General Biology Laboratory	(1)	L1 900L
BIO 107 Animal Ecology	(4)	L1 902L
BIO 109 Human Biology	(3)	L1 904
BIO 110 Human Biology Laboratory	(1)	L1 904L
BIO 201 Biology Principles I	(4)	L 1910L BIO 910

## V. SOCIAL AND BEHAVIORAL SCIENCES

### 9 CREDIT HOURS

Must include course in at least two disciplines.

ANT 120 Introduction to Anthropology	(3)	S1900N
ANT 203 Introduction to Archaeology	(3)	S1 903
ANT 220 Introduction to Cultural Anthropology	(3)	S1 901N
ANT 240 Physical Anthropology	(3)	S1 902
ECO 160 Introduction to Economics	(3)	S3 900
ECO 260 Principles of Macroeconomics	(3)	S3 901
ECO 261 Principles of Microeconomics	(3)	S3 902
GEO 202 World Regional Geography	(3)	S4 900N
HIS 200 African American History	(3)	
PLS 140 Introduction to American Government/Politics	(3)	S5 900
PLS 210 International Relations	(3)	S5 904
PLS 240 State and Local Government	(3)	S5 902
PSY 102 Introduction to Psychology	(3)	S6 900
PSY 216 Abnormal Psychology	(3)	S6 905
PSY 225 Psychology of Childhood and Adolescence	(3)	S6 9003
PSY 280 Life-Span Human Development	(3)	S6 90
PSY 286 Social Psychology	(3)	S8 900 PSY 908
SOC 170 Introduction to Sociology	(3)	S7 900
SOC 200 Race and Ethnic Relations	(3)	S7 903D
SOC 219 Marriage and Family	(3)	S7 902
SOC 283 Social Problems	(3)	S7 901