

College Programs



Degree listing chart

This chart shows all KCC programs arranged by career area. It includes transfer programs for those pursuing four-year bachelor's degrees (curricula listings on Pages 38 to 62) and occupational programs for more immediate entry into the workforce (curricula listings on Pages 67 to 115). Additional occupational programs are offered to KCC students at other area community colleges through cooperative agreements (see Page 63). The most current list of programs is available at www.kcc.edu/.

	Associate Degree (Type)	Advanced Certificate	Certificate	Sem. hrs.*	Page for program requirements
Arts and Sciences					
Art	A.F.A.			65	41
Biological Sciences	A.S.			64	42
Chemistry	A.S.			64	44
Engineering Science	A.E.S.			68	49
English	A.A.			64	50
General Studies	A.G.S.			64	115
General Transfer - A.A.	A.A.			64	38
General Transfer - A.S.	A.S.			64	39
History	A.A.			64	51
Mass Communications	A.A.			64	52
Mathematics	A.S.			64	54
Physics	A.S.			63	55
Political Science	A.A.			64	56
Psychology	A.A.			64	57
Sociology	A.A.			64	60
Visual Arts	A.A.			64	62
Agricultural Science					
Agriculture	A.S.			64	40
Horticulture	A.A.S.	•		64/33	86
Business and Information Technology					
Business	A.S.			64	43
Business	A.A.S.	•		61/30	70-71
Accounting I			•	15	71
Accounting II			•	27	71
Business			•	15	71
Computer Graphic Design	A.A.S.	•		67/39	78
Office Professional	A.A.S.			61	100
Office Assistant		•		38	101
Microsoft Office Suite Applications			•	9	101
Supply Chain Management			•	14	112
Global Supply Chain			•	29	112
Education					
Child Development—Director/Administrator Option	A.A.S.			64	72
Child Development – Education Option	A.A.S.	•		64/33	73-74
Early Childhood Education	A.A.T.			65	47
Elementary Education	A.A.			64	48
Special Education	A.A.T.			61	61
Paraprofessional Educator/Teacher's Aide	A.A.S.	•		61/30	106-107
Secondary Education	A.A.			64	58
Secondary Mathematics	A.A.T.			64	59
Health Careers					
Emergency Medical Technician – Basic (EMT-B)			•	7	85
Emergency Medical Technician – Intermediate (EMT-I)			•	25	85
Emergency Medical Technician – Paramedic (EMT-P)			•	30	85
Medical Assistant	A.A.S.	•		61/42	90-91
Coding Specialist			•	23	91

	Associate Degree	Advanced Certificate	Certificate	Sem. hrs.*	Page for program requirements
Health Careers (cont.)					
Medical Laboratory Technology	A.A.S.			70	92 & 93
Medical Laboratory Assistant			•	11	94
Nursing—Registered	A.A.S.			69	95, 96 & 97
Nursing—Practical		•		37	98
Nursing Assistant			•	12	98
Paramedic	A.A.S.			69	104
Phlebotomy			•	6	94
Physical Therapist Assistant	A.A.S.			71	108
Radiography	A.A.S.			72	109
Respiratory Therapist	A.A.S.			69	110 & 111
Human and Public Service					
Criminal Justice	A.A.			64	46
Law Enforcement	A.A.S.	•		64/30	87
Basic Law Enforcement Principles			•	6	88
Laws & Evidentiary Procedures			•	6	88
Relationships & Juveniles			•	6	88
Crime, Criminals & Corrections			•	9	88
Investigation & Organization			•	12	88
Private Security			•	9	88
Paralegal/Legal Assistant Studies	A.A.S.	•		66/36	102-103
Industry and Technology					
Air Conditioning & Refrigeration	A.A.S.	•		69/34	67
Automotive Technology	A.A.S.		•	69/28	68-69
Advanced Drivetrains/Powertrains			•	17	69
Heating & Air Conditioning			•	3	69
Brakes & Alignment			•	6	69
Drivelines			•	6	69
Computer-Aided Drafting	A.A.S.		•	66/24	76-77
Technical Drafting			•	8	77
Mechanical Drafting			•	16	77
Architectural Drafting			•	16	77
Construction Craft Laborer		•		44	79
Concrete Specialist			•	10	79
Construction Management	A.A.S.	•		65/35	80-81
Materials and Methods			•	6	81
Building Systems			•	10	81
Electrical Technology	A.A.S.	•		66-71/37	82-83
Industrial Motor Controls			•	14	84
Pneumatic and Hydraulic Power			•	14	84
Programmable Logic Controllers			•	14	84
Residential & Industrial Wiring			•	14	84
Entry-Level, Solar-Thermal Technology			•	21	84
Entry-Level, Small-Wind Energy Technology			•	21	84
Entry-Level, Solar-PV Technology			•	21	84
Machine Tool Technology		•		34	89
Tower Construction & Maintenance			•	5.5	112
Welding Technology	A.A.S.	•		64/32	113-114
Shielded Metal-Arc Welding All Positions			•	8	114
Tungsten Inert Gas & Metallic Inert Gas			•	8	114
Pipe Welding			•	12	114
Maintenance Welding			•	12	114

*When two numbers are listed, the first is semester hours to complete the associate degree and the second number is semester hours to complete the certificate.

General Education

The requirements for an associate's degree (A.A., A.S., A.A.S., A.A.T., A.E.S., or A.F.A.) consist of a minimum of 61 credit hours taken from three components: (1) general education core, (2) courses taken in the major/minor field and (3) electives.

Course work in the general education core:

- Assumes there are some commonalities expected of an “educated person” in terms of what he or she knows and is able to do.
- Provides students with the ability to realize their potential as educated, responsible, and productive lifelong learners in a diverse and rapidly changing world.
- Consists of a core of intellectual, aesthetic and cultural experiences which will introduce students to essential knowledge, skills and values, and encourages them to make connections across disciplines.

For transfer students (A.A., A.S., A.A.T., or A.F.A.), the general education core ranges from 38 to 41 credit hours; for transfer students pursuing an Engineering degree, the A.E.S. requires 28 credit hours of general education; and for career students (A.A.S.), it requires at least 15 credit hours, depending on the program of study. Transfer students who complete their degree will fulfill all of the general education core requirements defined by the Illinois Articulation Initiative (IAI) for the first two years of a baccalaureate program.

The general education requirements are distributed among the five traditional divisions of knowledge.

- a. Communication
- b. Mathematics
- c. Life and Physical Sciences
- d. Humanities and Fine Arts
- e. Social and Behavioral Sciences

The specific courses in each division will vary with the student's degree or program. Students can contact an advisor in Student Services to determine the exact requirements.

While accurate information and advising assistance is always available regarding the general education core requirements, the major responsibility of getting a purposeful general education rests on each individual student. Thus, you should also familiarize yourself with the General Education Goals and Objectives in the next section that identify the traits of a generally educated person. By understanding these goals and objectives, you can begin to make informed selections of course work.

General Education Goals and Objectives

The general education program at KCC is designed to enable students to write, read and listen critically; to investigate, analyze and think independently; to communicate clearly and effectively; to make informed decisions; to respect the diversity in human values and cultural orientation; to understand and appreciate facts, concepts and perspectives within the fundamental areas of knowledge; and to foster intellectual curiosity and lifelong learning.

The specific objectives of the general education program are to develop in each student the following traits and abilities:

Communication: demonstrate the ability to read with comprehension; to listen, speak, and write critically, clearly, and effectively; to interact respectfully with others.

Computational skills: demonstrate the ability to interpret and communicate quantitative data, solve routine and non-routine problems, and recognize valid logic.

Critical thinking: demonstrate the ability to think critically by separating fact from opinion, drawing logical inferences, and arriving at informed judgments.

Access information: demonstrate the ability to locate, evaluate, and synthesize material in an appropriate and responsible manner.

Cultural awareness/diversity: demonstrate an awareness and appreciation of the varied perspectives that emerge locally, nationally, or internationally, with respect to cultures, ethics, genders, races, classes, and experiences.

Scientific literacy: demonstrate the ability to distinguish between empirical and non-empirical evidence, demonstrate an understanding of the scientific method, and make informed judgments regarding the credibility of scientific claims.

Technology: demonstrate competency in the basic use of computers by using computer technology in solving problems, communicating, and acquiring information.

Transfer admission requirements

Students enrolling in transfer degree programs at KCC must meet minimum admission requirements as directed by Illinois Public Act 86-0954.

Specific requirements are based on the student's high school record.

Students must complete at least 15 units of high school coursework from the following five categories:

- 1) Four years of English (emphasizing written and oral communications and literature);
- 2) Three years of social studies (emphasizing history and government);
- 3) Three years of mathematics (introductory through advanced algebra, geometry, trigonometry or fundamentals of computer programming);
- 4) Three years of science (laboratory sciences); and
- 5) Two years of electives in foreign language, music, vocational education or art; except that up to three of the 15 units of coursework required may be distributed by deducting no more than one unit each from the categories of social studies, mathematics, sciences, and electives and completing those three units in any of the five categories.

A deficiency may be satisfied through assessment testing and/or completion of specified remedial/developmental or college-level courses. Students meeting the prerequisite and assessment requirements for transfer-level courses will satisfy admissions requirements.

Students must meet assessment requirements regardless of whether or not they meet the high school course-specific requirements. Student will be assessed in English, mathematics, and reading to assist them with placement in courses appropriate to their academic abilities.

Students who have successfully completed 24 semester hours of transfer-level course work at an accredited college or university will be considered having the equivalent of the required high school course work shown above.

Transfer programs

At KCC, students can begin the first two years of study for virtually any bachelor's degree program.

The sample transfer majors described in this section include statewide recommended courses typically taken by freshmen and sophomores who wish to gain a solid academic foundation and transfer credits toward specific bachelor's degrees at Illinois four-year colleges and universities. These transfer major recommendations, identified through the Illinois Articulation Initiative (IAI), are meant for students who are undecided about their intended transfer institution. The recommended courses build upon the IAI general education core curriculum by identifying prerequisite courses and courses in the major that students may need to complete to transfer as a junior.

Students who already know where they will transfer and students interested in a major not included in this section should contact a KCC advisor for assistance in obtaining the information needed to develop an appropriate educational plan.

Students planning to transfer should refer to Page 37 of this catalog for Illinois Articulation Initiative (IAI) general education requirements.

TRANSFER PROGRAM INFORMATION

The following information applies to all transfer programs:

- To satisfy requirements for a transfer degree, the first digit in the KCC course number must be a 1 or a 2, and the second digit must be either a 5, 6, 7, 8, or 9.
- Non-specific electives can be any course with a transfer number, including those without an Illinois Articulation Initiative code (see details below).
- The maximum number of physical education activity credits which can be applied to an associate in arts or associate in science degree is four (4) for non-physical education majors and seven for physical education majors.
- Students are encouraged to take ORIN 1501 - College Success Skills during the first semester of enrollment.
- Exceptions to all degree requirements must be approved by petitioning the Graduate Review Committee.
- It is the responsibility of the student intending to transfer to a baccalaureate college/university to familiarize him/herself with admissions and lower division requirements of the particular institution. Resources for many senior institutions are available in the Office of Transfer Services in Student Services and at www.kcc.edu/transfer.

Illinois Articulation Initiative

Sponsored by the Illinois Board of Higher Education and the Illinois Community College Board, the Illinois Articulation Initiative (IAI) ensures that completion of the general education core curriculum at any participating institution in Illinois transfers to meet lower division (freshman and sophomore) general education core requirements at more than 100 participating Illinois colleges and universities.

The agreement is in effect for students entering an associate or baccalaureate degree-granting institution as a first-time freshman in summer 1998 and thereafter.

General Education Core

The IAI General Education Core requirements are outlined on Page 37. An IAI course number followed by:

- L designates a laboratory course;
- N designates a non-Western culture course; and
- D designates a diversity course.

The General Education Core courses also are identified by code at the end of the individual course descriptions (Pages 120-164). Those codes include:

- IAI: Communications
- IAI: Mathematics
- IAI: Fine arts
- IAI: Physical science
- IAI: Humanities
- IAI: Social and behavioral science
- IAI: Life science

Major-Specific courses

The Illinois Articulation Initiative panels have designated some courses as major-specific within curriculums. While the IAI General Education Core specifies elective choices, IAI Major-Specific courses clarify which courses are appropriate for transfer into the selected major at a four-year institution.

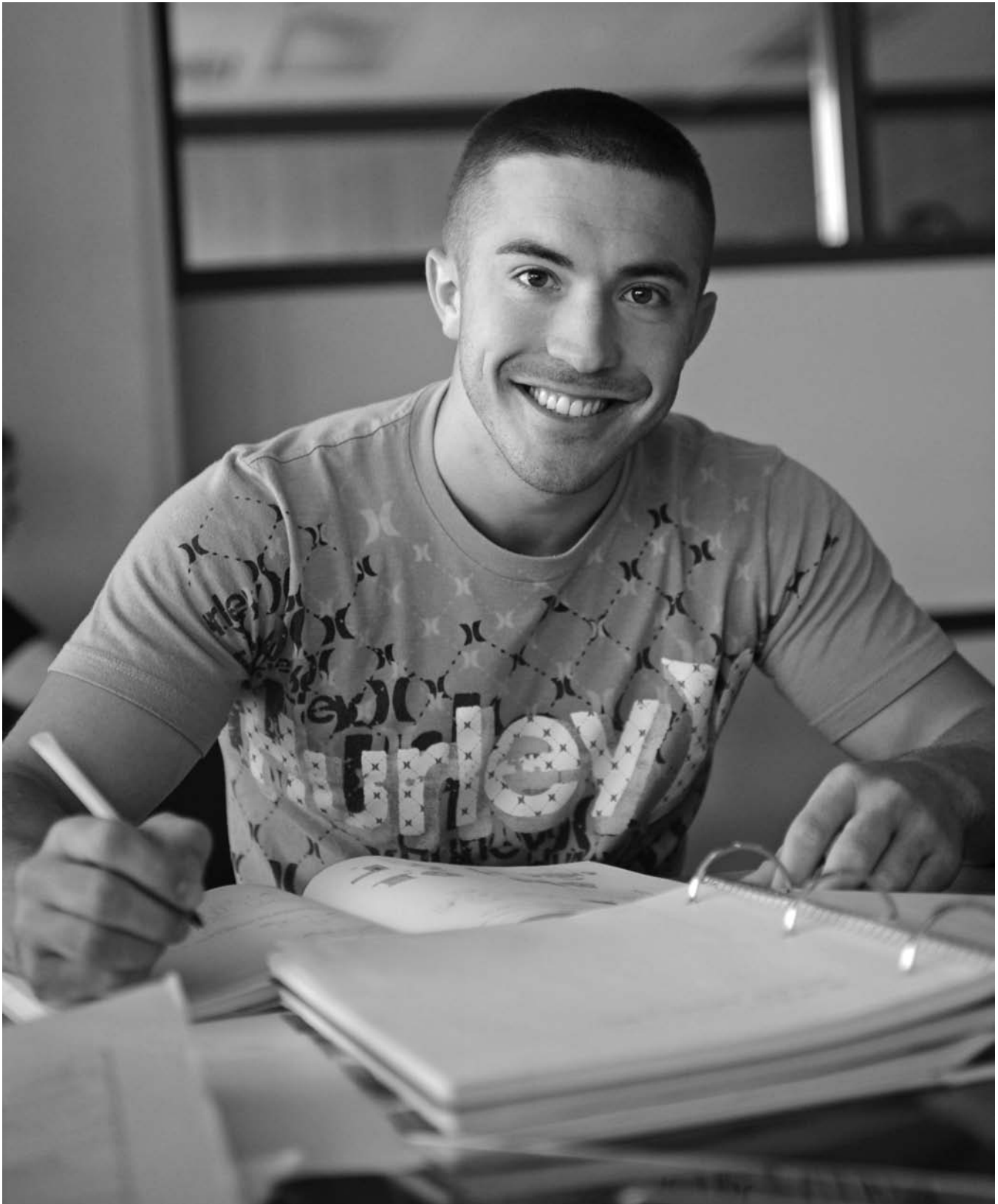
A notation is included at the end of course descriptions for IAI Major-Specific courses (Pages 120-163).

IAI information

For the latest information on IAI requirements, visit the IAI Internet site: <http://www.itransfer.org>.

Use www.transfer.org as a guide

To see how your courses transfer, log on to U.Select at www.transfer.org. U.Select is an online tool that will help you view program requirements, course equivalencies, and see how courses you have taken or plan to take transfer to another college or university.



IAI General Education Core

The following requirements are mandatory for all students who enter a KCC transfer program in summer 1998 and thereafter.

Communications – 9 credit hours

Three courses, including a two-course sequence in writing (six credit hours) and one course (three credit hours) in oral communications. Both writing courses must be completed with a grade of C or better.

- *ENGL 1613 - English I (IAI: C1 900)
- *ENGL 1623 - English II (IAI: C1 901R)
- *SPCH 1553 - Introductory Speech (IAI: C2 900)

Laboratory Science – 8 credit hours

Two courses, with one course selected from the life sciences and one course from the physical sciences. At KCC, all of the following are laboratory courses.

Life science

- *BIOL 1514 - General Biology I (IAI: L1 900L)
- *BIOL 1554 - Human Biology (IAI: L1 904L)
- *BIOL 1584 - Environmental Biology (IAI: L1 905L)

Physical science

- *CHEM 1514 - General Chemistry I (IAI: P1 902L)
- *PHYS 1514 - General Physics I (IAI: P1 900L)
- *PHYS 2614 - Physics I (IAI: P2 900L)
- *PSCI 1514 - Introduction to Physical Science (IAI: P1 900L)
- *PSCI 1524 - Earth Science & Astronomy (IAI: P1 905L)

Mathematics – 3 to 6 credit hours

One or two courses.

- *MATH 1623 - Mathematics for Elementary Teachers II¹ (IAI: M1 903)
- *MATH 1704 - Contemporary Mathematics (IAI: M1 904)
- *MATH 1713 - Finite Mathematics (IAI: M1 906)
- *MATH 1774 - Statistics/*BSNS 2514 - Business Statistics (IAI: M1 902)
- *MATH 1833 - Calculus for Business & Social Science (IAI: M1 900-B)
- *MATH 2515 - Calculus and Analytic Geometry I (IAI: M1 900-1)
- *MATH 2523 - Calculus and Analytic Geometry II (IAI: M1 900-2)
- *MATH 2535 - Calculus and Analytic Geometry III (IAI: M1 900-3)

¹MATH 1623 fulfills the IAI transferable general education core curriculum requirements only for students seeking state certification as elementary teachers and who are following the Elementary Education Associate in Arts curriculum guide. MATH 1623 does not meet the KCC general math requirements for other Associate in Arts or Associate in Science degrees. Consult your advisor.

Humanities – 9 credit hours

Three courses, with at least one course selected from general humanities and at least one course from the fine arts or interdisciplinary categories. Courses with an IAI code ending in a “D” or an “N” may meet the non-Western Culture or Diversity requirement of some majors.

General Humanities

- *ENGL 1713 - Introduction to Poetry (IAI: H3 903)
- *ENGL 1743 - Introduction to Literature (IAI: H3 900)
- *ENGL 1853 - Introduction to Shakespeare (IAI: H3 905)
- *ENGL 2613 - Ancient & Medieval World Literature (IAI: H3 906)
- *ENGL 2623 - Modern World Literature (IAI: H3 907)

- *ENGL 2723 - American Literature Up to 1864 (IAI: H3 914) (Pending approval)
- *ENGL 2733 - American Literature from 1865 to Present (IAI: H3 915)
- *HIST 1513 - History of Western Civilization to 1648 (IAI: H2 901)
- *HIST 1533 - History of Western Civilization 1648 to Present (IAI: H2 902)
- *HIST 1643 - Middle East History 600 to Present (IAI: H2 903N)
- *HUMS 2613 - World Religions (IAI: H5 904N)
- *PHIL 2513 - Introduction to Philosophy (IAI: H4 900)
- *PHIL 2523 - Ethics (IAI: H4 904)
- *PHIL 2533 - Logic (IAI: H4 906)
- *PHIL 2713 - Introduction to Religion (IAI: H4 905)
- *SPAN 2524 - Intermediate Spanish II (IAI: H1 900)

Fine arts

- *ARTS 1553 - Art Appreciation (IAI: F2 900)
- *ARTS 1613 - Survey of Art I (Caves to Cathedrals) (IAI: F2 901)
- *ARTS 1623 - Survey of Art II Renaissance to Rococco (IAI: F2 902)
- *ARTS 1633 - Survey of Art III (1800 to Present) (IAI: F2 902)
- *ENGL 1723 - Introduction to Film Art (IAI: F2 908)
- *MUSC 1513 - Music Appreciation (IAI: F1 900)

Interdisciplinary

- *HUMS 1513 - Introduction to Humanities (IAI: HF 900)
- *HUMS 1813 - African-American Cultural Expression (IAI: HF 906D)

Social and Behavioral Science – 9 credit hours

Three courses selected from at least two different prefixes. Courses with an IAI code ending in a “D” or an “N” may meet the non-western culture or diversity requirement of some majors.

- *ANTH 1713 - Introduction to Anthropology (IAI: S1 900N)
- *ANTH 1743 - Introduction to Archaeology (IAI: S1 903)
- *ECON 1553 - Principles of Macroeconomics (IAI: S3 901)
- *ECON 1563 - Principles of Microeconomics (IAI: S3 902)
- *GEOG 1513 - World Regional Geography (IAI: S4 900N)
- *HIST 2513 - History of the United States to 1877 (IAI: S2 900)
- *HIST 2523 - History of the United States from 1877 to Present (IAI: S2 901)
- *HIST 2533 - Latin American History (IAI: S2 911N)
- *PLSC 1513 - American Government (IAI: S5 900)
- *PLSC 1523 - State & Local Government (IAI: S5 902)
- *PLSC 2613 - Introduction to International Relations (IAI: S5 904N)
- *PSYC 1813 - Introduction to Psychology (IAI: S6 900)
- *PSYC 2553 - Lifespan Developmental Psychology (IAI: S6 902)
- *PSYC 2773 - Social Psychology (IAI: S8 900)
- *SOCY 2513 - Sociology (IAI: S7 900)
- *SOCY 2523 - Contemporary Social Problems (IAI: S7 901)
- *SOCY 2543 - Race and Ethnic Relations (IAI: S7 903D)
- *SOCY 2553 - Marriage and the Family (IAI: S7 902)

*Course has prerequisite.

Associate in Arts
Associate in Arts Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit Hours
*ENGL 1613	3
*Laboratory Science course	4
*Mathematics course	3
*Social and Behavioral Science course	3
*Humanities course	3
Spring semester	
*ENGL 1623	3
*SPCH 1553	3
*Laboratory Science course	4
*Social and Behavioral Science course	3
*Humanities course	3
Fall semester	
*Social and Behavioral Science course	3
*Humanities course	3
*Electives	10
Spring semester	
*Electives	16

ADDITIONAL PROGRAM INFORMATION

KCC offers the general education courses required for nearly every college major, including those not found in this catalog. Courses in this curriculum satisfy lower division requirements (first two years) toward a bachelor's degree in numerous fields. Consult your adviser to review course selections and transfer plans.

USE THE TRANSFER GUIDE

To see how your courses transfer, log on to U.Select (formerly CAS), at www.transfer.org. U.Select is an online tool that will help you view program requirements, course equivalencies, and see how courses you have taken or plan to take transfer to another college or university.

Associate in Arts Degree

GEN.AA.B50

The Associate in Arts degree provides the first two years of study toward a bachelor of arts degree. It is ideal for students who have not yet decided what their major will be or for students who have selected a major for which KCC does not offer a specific transfer curriculum. Associate in Arts emphases available at KCC include Criminal Justice, Elementary Education, English, History, Mass Communications, Political Science, Psychology, Secondary Education, Sociology, and Visual Arts; those curricula are listed on Pages 46, 48, 50, 51, 52, 56, 57, 58, 60 and 62. The guidelines below are suggested minimums in each category. Students enrolling in this curriculum are urged to meet with an academic adviser each semester to review course selections and transfer plans.

Communications General Education (3 courses) Credit hours: 9
 A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.
 * ENGL 1613 - English I
 * ENGL 1623 - English II
 * SPCH 1553 - Introductory Speech

Laboratory Science General Education (2 courses) Credit hours: 8
 CHOOSE TWO IAI courses, one from the life sciences and one from the physical sciences (see Page 37).

Mathematics General Education (1 course) Credit hours: 3
 CHOOSE ONE IAI mathematics courses from the following five choices:
 * MATH 1704 - Contemporary Mathematics
 * MATH 1713 - Finite Mathematics
 * MATH 1774 - Statistics
 * MATH 1833 - Calculus for Business and Social Sciences
 * MATH 2515 - Calculus and Analytic Geometry I

Humanities General Education (3 courses) Credit hours: 9
 CHOOSE THREE IAI humanities courses, with at least one course from general humanities and at least one course from the fine arts or interdisciplinary category (see Page 37).

Social and Behavioral Science General Education (3 courses) Credit hours: 9
 CHOOSE THREE IAI social and behavioral science courses from at least two different prefixes (see Page 37).

Electives (7-12 courses) Credit hours: 26
 CHOOSE 26 credit hours of courses from any elective area. A maximum of four credit hours can come from physical education activity courses. Note: Consult your transfer university to determine appropriate electives. Some bachelor of arts degree programs require the equivalent of two years of study of a foreign language at the college level. Students are advised to complete this requirement before transferring. In most cases, each year of high school foreign language may be substituted for one college semester.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

Associate in Science Degree

GEN.AS.B70

The Associate in Science degree, emphasizing the sciences and mathematics, provides the first two years of study toward a bachelor of science degree. It is ideal for students who have not yet decided what their major will be or for students who have selected a major for which KCC does not offer a specific transfer curriculum. Associate in Science emphases available at KCC include Agriculture, Biological Sciences, Business, Chemistry, and Mathematics. An Associate in Engineering Science transfer degree also is offered. Those curricula are included on Pages 40, 42, 43, 44, and 54. Students enrolling in this curriculum are urged to meet with an academic advisor each semester to review course selections and transfer plans.

Laboratory Science General Education (2 courses) **Credit hours: 8**
 CHOOSE TWO IAI courses, one from the life sciences and one from the physical sciences (see Page 37).

Mathematics General Education (2 courses) **Credit hours: 6**
 CHOOSE TWO IAI mathematics courses from the following six choices:

- * MATH 1704 - Contemporary Mathematics
- * MATH 1713 - Finite Mathematics
- * MATH 1774 - Statistics
- * MATH 1833 - Calculus for Business and Social Sciences
- * MATH 2515 - Calculus and Analytic Geometry I
- * MATH 2523 - Calculus and Analytic Geometry II

Communications General Education (3 courses) **Credit hours: 9**
 A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.
 * ENGL 1613 - English I
 * ENGL 1623 - English II
 * SPCH 1553 - Introductory Speech

Humanities General Education (3 courses) **Credit hours: 9**
 CHOOSE THREE IAI humanities courses with at least one course from general humanities and at least one course from the fine arts or interdisciplinary category (see Page 37).

IAI Social and Behavioral Science General Education (3 courses) **Credit hours: 9**
 CHOOSE THREE IAI social and behavioral science courses from at least two different prefixes (see Page 37).

Elective Credits (6-11 courses) **Credit hours: 23**
 CHOOSE 23 credit hours from any elective area. A maximum of four credit hours can come from physical education activity courses. Consult your transfer university to determine appropriate electives.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

Associate in Science Associate in Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit Hours
*ENGL 1613	3
*Laboratory Science course	4
*Mathematics course	3-5
*Humanities course	3
*Social and Behavioral Science course	3

Spring semester	
*ENGL 1623	3
*SPCH 1553	3
*Laboratory Science course	4
*Mathematics course	3-5
Humanities course	3

Fall semester	
*Humanities course	3
*Social and Behavioral Science course	3
*Electives	10

Spring semester	
*Social and Behavioral Science course	3
*Electives	13

ADDITIONAL PROGRAM INFORMATION

KCC offers the general education courses required for nearly every college major, including those not found in this catalog. Courses in this curriculum satisfy lower division requirements (first two years) toward a bachelor's degree in numerous fields. Consult your advisor to review course selections and transfer plans.

USE THE TRANSFER GUIDE

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Agriculture
Associate in Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit Hours
*ENGL 1613	3
*CHEM 1514	4
Agriculture course	4
*Humanities elective	3
Elective	3
Spring semester	
*ENGL 1623	3
*Mathematics elective	3-4
*Social and Behavioral Science elective	3
*Humanities elective	3
Elective	4
Fall semester	
*BIOL 1514	4
Agriculture courses	8
*Social and Behavioral Science elective	3
Spring semester	
*SPCH 1553	3
*Mathematics elective	3-4
*Humanities elective	3
*Social and Behavioral Science elective	3
Elective	4

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Associate in Science Degree

Agriculture

The Agriculture curriculum is designed to satisfy the basic lower division requirements for agriculture majors at most senior institutions. Students enrolling in this curriculum are urged to meet with an advisor at the senior institution to review course selections and transfer plans.

Agriculture Major (3 courses)

Credit hours: 12

CHOOSE THREE courses from the following five options.

- *AGRC 1624 - Soil Science
- AGRC 1704 - Animal Science
- AGRC 1724 - Plant Science
- AGRC 1734 - Agriculture Economics
- HORT 1514 - Introduction to Horticulture Science

Communications General Education (3 courses)

Credit hours: 9

A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.

- *ENGL 1613 - English I
- *ENGL 1623 - English II
- *SPCH 1553 - Introductory Speech

Social and Behavioral Science General Education (3 courses)

Credit hours: 9

CHOOSE THREE courses from the following four options.

- *ECON 1553 - Principles of Macroeconomics
- ECON 1563 - Principles of Microeconomics
- *PSYC 1813 - Introduction to Psychology
- *PLSC 1513 - American Government

Mathematics General Education (2 courses)

Credit hours: 6-7

CHOOSE TWO courses from the following three options:

- *MATH 1713 - Finite Mathematics
- *MATH 1774 - Statistics
- *MATH 1833 - Calculus for Business and Social Sciences

Laboratory Science General Education (2 courses)

Credit hours: 8

- *CHEM 1514 - General Chemistry I
- *BIOL 1514 - General Biology I

Humanities General Education (3 courses)

Credit hours: 9

CHOOSE THREE IAI humanities courses, with at least one course from general humanities and at least one course from the fine arts or interdisciplinary category (see Page 37).

Electives (3-4 courses)

Credit hours: 11

CHOOSE ELEVEN (11) credit hours of courses from any elective area. Credit hours may come from additional agriculture major courses. COSC 1513 - Introduction to Information Processing and CHEM 1524 - General Chemistry II are recommended.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

Associate in Fine Arts Degree

Art – ARTS.AFA.B24

The Associate in Fine Arts degree in Visual Arts provides first- and second-year art and general education courses leading to the bachelor of art or the bachelor of fine arts degree. It is intended for students planning a career in such fields as commercial design (architecture, graphic, industrial, interior, fashion, film, theater support), fine art (painting, sculpture, printmaking, textiles, crafts) and a wide range of photography-related disciplines. Students enrolling in this curriculum are urged to meet with an academic advisor each semester to review course selections and transfer plans.

Fine Arts (9 courses)

Credit hours: 27

Complete all three sub-requirements:

- Art - 15 credit hours
 - ARTS 1503 - Basic Drawing
 - ARTS 1513 - Two-Dimensional Design
 - ARTS 1603 - Drawing II
 - ARTS 1813 - Three-Dimensional Design
 - *ARTS 2613 - Figure Drawing
- Art Electives - 9 credit hours
 CHOOSE THREE courses from the following nine options. In addition, a portfolio review is generally required by transfer institutions for studio courses in individual media.
 - ARTS 2513 - Painting
 - *ARTS 2523 - Painting II
 - ARTS 2713 - Introduction to Sculpture
 - ARTS 2553 - Photography
 - *ARTS 2563 - Photography II
 - ARTS 2573 - Introduction to Printmaking
 - *ARTS 2583 - Color Photography
 - *ARTS 2623 - Figure Drawing II
 - *ARTS 2643 - Computer Art
- Humanities Elective - 3 credit hours
 CHOOSE ONE IAI humanities course (see Page 37).¹

Communications General Education (3 courses)

Credit hours: 9

A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.

- *ENGL 1613 - English I
- *ENGL 1623 - English II
- *SPCH 1553 - Introductory Speech

Laboratory Science General Education (2 courses)

Credit hours: 8

CHOOSE TWO IAI courses, one from the life sciences and one from the physical sciences (see Page 37).

Mathematics General Education (1 course)

Credit hours: 3

CHOOSE ONE IAI mathematics courses from the following five options:

- *MATH 1704 - Contemporary Mathematics
- *MATH 1713 - Finite Mathematics
- *MATH 1774 - Statistics
- *MATH 1833 - Calculus for Business and Social Sciences
- *MATH 2515 - Calculus and Analytic Geometry I

Humanities General Education (4 courses)

Credit hours: 12

- *ARTS 1613 - Survey of Art (Caves - Cathedrals)²
- *ARTS 1623 - Survey of Art (Renaissance - Rococo)²
- *ARTS 1633 - Survey of Art (1800 - Present)²

In addition, CHOOSE ONE of the following two courses:

- *HIST 1513 - History of Western Civilization to 1648
- *HIST 1533 - History of Western Civilization 1648 to Present

Social and Behavioral Science General Education (2 courses)

Credit hours: 6

CHOOSE TWO IAI social and behavioral science courses from at least two different prefix areas (see Page 37).

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 65

*Course has prerequisite.

¹ARTS 1553 is not a recommended course for art majors because it may not transfer as a fine arts humanities elective.

²May not also be used to meet general education requirements at some institutions.

Art

Associate in Fine Arts—Art Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
ARTS 1503	3
ARTS 1513	3
*ARTS 1613	3
*ENGL 1613	3
*Laboratory Science course	4
Spring semester	
ARTS 1603	3
ARTS 1813	3
*ARTS 1623	3
*ENGL 1623	3
*Social and Behavioral Science course	3
Fall semester	
*ARTS 1633	3
*ARTS 2613	3
*HIST 1513	3
*Social and Behavioral Science course	3
*Mathematics course	3
Art elective	3
Spring semester	
*SPCH 1553	3
*Laboratory Science course	4
*Humanities course	3
Art electives	6

ADDITIONAL PROGRAM INFORMATION

The Associate in Fine Arts – Art Degree is designed so that transfer students will fit in with the native students at the transfer school, taking the remainder of their studio courses (no more than two per semester) along with the remaining general education courses.

Completion of the Associate in Fine Arts degree does not fulfill the requirements of the IAI General Education Core. Students need to complete the general education requirements of the institution to which they transfer or take an additional social and behavioral science course to meet IAI general education requirements before transferring. However, the Associate in Fine Arts degree satisfies IAI studio requirements for a Bachelor of Fine Arts degree.

Students in this program should expect to take additional general education courses as required by the transfer institution and may be required to submit a portfolio for transfer placement.

KCC also offers an Associate in Arts in Visual Arts. See Page 62.

USE THE TRANSFER GUIDE

To see how your courses transfer, log on to U.Select (formerly CAS), at www.transfer.org. U.Select is an online tool that will help you view program requirements, course equivalencies, and see how courses you have taken or plan to take transfer to another college or university.

Biological Sciences
Associate in Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit Hours
*BIOL 1514	4
*CHEM 1514	4
*ENGL 1613	3
*Mathematics course	4-5
Spring semester	
*BIOL 1524	4
*CHEM 1524	4
*ENGL 1623	3
*Humanities course	3
*Social and Behavioral Science course	3
Fall semester	
*SPCH 1553	3
*Biological Science Major course	4
*Mathematics course	3-5
*Humanities course	3
*Social and Behavioral Science course	3
Spring semester	
*Biological Science Major course	4
*Humanities course	3
*Social and Behavioral Science course	3
*Electives	5

USE THE TRANSFER GUIDE

To see how your courses transfer, log on to U.Select (formerly CAS), at www.transfer.org. U.Select is an online tool that will help you view program requirements, course equivalencies, and see how courses you have taken or plan to take transfer to another college or university.

Associate in Science Degree

Biological Sciences

The following curriculum is designed to satisfy the basic lower division requirements for biological sciences majors at senior institutions. Potential majors at senior institutions for students who earn an Associate in Science degree and follow the recommendations below include botany, genetics and ecological, evolutionary, molecular, or general biology. Students enrolling in this curriculum are urged to meet with an academic advisor each semester to review course selections and transfer plans.

Laboratory Science General Education (2 courses) Credit hours: 8

- *BIOL 1514 - General Biology I
- *CHEM 1514 - General Chemistry I

Biological Science courses Credit hours: 16

- IAI Major (2 courses)
- *BIOL 1524 - General Biology II
 - *CHEM 1524 - General Chemistry II
- Additional Biological Science (2 courses)
- CHOOSE TWO courses from the following six options:
- *CHEM 2714 - Organic Chemistry I
 - *CHEM 2724 - Organic Chemistry II
 - *PHYS 1514 - General Physics I
 - *PHYS 1524 - General Physics II
 - *PHYS 2614 - Physics I
 - *PHYS 2624 - Physics II

Communications General Education (3 courses) Credit hours: 9

- A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.
- *ENGL 1613 - English I
 - *ENGL 1623 - English II
 - *SPCH 1553 - Introductory Speech

Mathematics (2-3 courses) Credit hours: 8-9

- CHOOSE BOTH IAI mathematics courses from one of the following sequences:
1. *MATH 1774 - Statistics and *MATH 2515 - Calculus and Analytic Geometry I
 2. *MATH 2515 - Calculus and Analytic Geometry I and *MATH 2523 - Calculus and Analytic Geometry II

Humanities General Education (3 courses) Credit hours: 9

CHOOSE THREE IAI humanities courses, with at least one course from general humanities and at least one course from the fine arts or interdisciplinary category (see Page 37).

Social and Behavioral Science General Education (3 courses) Credit hours: 9

CHOOSE THREE IAI social and behavioral science courses from at least two different prefixes (see Page 37).

Electives (2-5 courses) Credit hours: 5

CHOOSE five (5) credit hours from any elective area. A maximum of four (4) credit hours can come from physical education activity courses. Note: Select a biological science (BIOL prefix) or *MATH 2523 - Calculus and Analytic Geometry II. Note: Courses such as *BIOL 2714 - Microbiology and *BIOL 2644 - Anatomy and Physiology I sometimes can be transferred to a four-year school for credit for health career majors, but seldom transfer as credit for biology majors. Consult transfer university to determine appropriate electives.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

Associate in Science Degree

Business

The Business Transfer curriculum is designed for students who plan to transfer to four-year institutions to pursue bachelor's degrees in any of the following fields of business: accounting, advertising, business administration, business education, computer services, economics, finance, information systems, management, marketing, and sales. Students enrolling in this curriculum are urged to meet with an academic advisor each semester to review course selections and transfer plans.

Business courses

Credit hours: 20

IAI Major (4 courses)

- ACCT 1514 - Financial Accounting
- *ACCT 1523 - Managerial Accounting
- *BSNS 2514 - Business Statistics
- *COSC 1513 - Introduction to Information Processing

Additional Business (2 courses)

- BSNS 1553 - Introduction to Business
- BSNS 1663 - Legal and Social Environment of Business¹ or BSNS 1653 - Business Law¹

Communications General Education (3 courses)

Credit hours: 9

A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.

- *ENGL 1613 - English I
- *ENGL 1623 - English II
- *SPCH 1553 - Introductory Speech

Laboratory Science General Education (2 courses)

Credit hours: 8

CHOOSE TWO IAI courses, one from the life sciences and one from the physical sciences (see Page 37).

Mathematics General Education (1 course)

Credit hours: 3-5

CHOOSE ONE IAI mathematics course from the following two options:

- *MATH 1833 - Calculus for Business and Social Sciences
- *MATH 2515 - Calculus and Analytic Geometry I

Humanities General Education (3 courses)

Credit hours: 9

CHOOSE THREE IAI humanities courses, with at least one course from general humanities and at least one course from the fine arts or interdisciplinary category (see Page 37). PHIL 2523 - Ethics is strongly recommended.

Social and Behavioral Science General Education (3 courses)

Credit hours: 9

- *PSYC 1813 - Introduction to Psychology or *SOCY 2513 - Sociology
- *ECON 1553 - Principles of Macroeconomics
- ECON 1563 - Principles of Microeconomics

Electives (2-5 courses)

Credit hours: 6

CHOOSE SIX (6) credit hours of courses from any elective area. A maximum of four credit hours can come from physical education activity courses. Note: If business education major, PHED 1512 - Health Education should be taken. Undecided business majors might find courses such as MKTG 1553 - Principles of Marketing, and BSNS 2553 - Principles of Management helpful in determining their major. These courses will be accepted for credit by bachelor's degree colleges/universities, but may not meet the specific requirements of a bachelor's degree in business. Students should consult with the transfer institution for specific information about how business courses will transfer.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64
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*Course has prerequisite.

¹Consult transfer institution to determine appropriate course.

Business Associate in Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit Hours
ACCT 1514	4
BSNS 1553	3
*BSNS 2514	4
*ENGL 1613	3
*Laboratory Science course	4
Spring semester	
*ACCT 1523	3
*ENGL 1623	3
*PSYC 1813	3
*Humanities course	3
*Laboratory Science course	4
Fall semester	
*ECON 1553	3
*SPCH 1553	3
*Mathematics course	3-5
*Humanities course	3
*Elective	3
Spring semester	
BSNS 1663 or BSNS 1653	3
*COSC 1513	3
ECON 1563	3
*Humanities course	3
*Elective	3

USE THE TRANSFER GUIDE

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Chemistry
Associate in Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit Hours
*CHEM 1514	4
*ENGL 1613	3
*MATH 2515	5
*Humanities course	3

Spring semester	
*CHEM 1524	4
*ENGL 1623	3
*MATH 2523	3
*PHYS 2614	4
*Social and Behavioral Science course	3

Fall semester	
*SPCH 1553	3
*PHYS 2624	4
*Humanities course	3
*Social and Behavioral Science course	3
*Chemistry major course	4-5

Spring semester	
*Life Science course	4
*Humanities course	3
*Social and Behavioral Science course	3
*Chemistry major course	4-5

USE THE TRANSFER GUIDE

To see how your courses transfer, log on to U.Select (formerly CAS), at www.transfer.org. U.Select is an online tool that will help you view program requirements, course equivalencies, and see how courses you have taken or plan to take transfer to another college or university.

Associate in Science Degree

Chemistry

The following curriculum is designed to satisfy the basic lower division requirements for chemistry majors at senior institutions. Potential majors at senior institutions for students who earn an Associate in Science degree and follow the recommendations below include: biochemistry, chemistry, and chemistry education. Students enrolling in this curriculum are urged to meet with an academic advisor each semester to review course selections and transfer plans.

Laboratory Science General Education (2 courses) Credit hours: 8

- *CHEM 1514 - General Chemistry I
- In addition, CHOOSE ONE IAI Life Science course from the following three options:
 - *BIOL 1514 - General Biology I
 - *BIOL 1554 - Human Biology
 - *BIOL 1584 - Environmental Biology

Chemistry courses Credit hours: 20-21

- IAI Major (1 course)
 - *CHEM 1524 - General Chemistry II
- Additional chemistry (4 courses)
 - *PHYS 2614 - Physics I
 - *PHYS 2624 - Physics II
 - CHOOSE both courses from one of the following sequences¹:
 - *CHEM 2714 - Organic Chemistry I and *CHEM 2724 - Organic Chemistry II¹
 - *MATH 2535 - Calculus and Analytic Geometry III and *PHYS 2634 - Physics III

Communications General Education (3 courses) Credit hours: 9

- A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.
 - *ENGL 1613 - English I
 - *ENGL 1623 - English II
 - *SPCH 1553 - Introductory Speech

Mathematics General Education (2 courses) Credit hours: 8

- *MATH 2515 - Calculus and Analytic Geometry I
- *MATH 2523 - Calculus and Analytic Geometry II

Humanities General Education (3 courses) Credit hours: 9

CHOOSE THREE IAI humanities courses, with at least one course from general humanities and at least one course from the fine arts or interdisciplinary category (see Page 37).

Social and Behavioral Science General Education (3 courses) Credit hours: 9

CHOOSE THREE IAI social and behavioral science courses from at least two different prefixes (see Page 37).

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

¹Some transfer institutions are specific about the selection of these courses. Consult your academic adviser. Students who choose CHEM 2714 and CHEM 2724 must complete one more credit hour to obtain the 64 hours required for graduation.



**Criminal Justice
Associate in Arts Degree**

SUGGESTED COURSE SEQUENCE

Fall semester	Credit Hours
LAWF 1513	3
*PSYC 1813	3
*ENGL 1613	3
*Mathematics course	3-5
*Laboratory science course	4

Spring semester	
LAWF 1713	3
*ENGL 1623	3
*COSC 1513	3
Social and Behavioral Science course	3
*Laboratory Science course	4

Fall semester	
LAWF 2723	3
LAWF 2513	3
*SPCH 1553	3
*SOCY 2513	3
*Humanities course	3

Spring semester	
LAWF 1753	3
LAWF elective	3
*Humanities courses	6
*Electives	5

USE THE TRANSFER GUIDE

To see how your courses transfer, log on to U.Select (formerly CAS), at www.transfer.org. U.Select is an online tool that will help you view program requirements, course equivalencies, and see how courses you have taken or plan to take transfer to another college or university.

Associate in Arts Degree

Criminal Justice

The Criminal Justice curriculum is designed for students who plan to transfer to four-year institutions to pursue careers in law enforcement, the courts, corrections, juvenile justice, private security, criminal behavior, and other aspects of crime and criminal justice. KCC also offers a Law Enforcement program, see Page 87. Students should see the criminal justice/law enforcement coordinator to determine which program best suits their needs. Students enrolling in this curriculum are urged to meet with an academic advisor each semester to review course selections and transfer plans.

Criminal Justice courses **Credit hours: 21**

- IAI Major (4 courses)
 - LAWF 1513 - Introduction to Criminal Justice
 - LAWF 2723 - Introduction to Corrections
 - LAWF 2513 - Criminology
 - LAWF 1753 - Juvenile Delinquency

- Additional Criminal Justice (3 courses)
 - *COSC 1513 - Introduction to Information Processing
 - LAWF 1713 - Basic Criminal Law
 In addition, CHOOSE ONE course from the following seven options:
 - LAWF 1613 - Police Operations and Services
 - LAWF 1623 - Traffic Administration
 - LAWF 1723 - Criminal Evidence and Procedures
 - LAWF 1733 - Criminal Investigation
 - LAWF 2623 - Organization and Administration
 - LAWF 2713 - Community-Oriented Policing
 - LAWF 2733 - Private Security

Communications General Education (3 courses) **Credit hours: 9**

- A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.
- *ENGL 1613 - English I
 - *ENGL 1623 - English II
 - *SPCH 1553 - Introductory Speech

Laboratory Science General Education (2 courses) **Credit hours: 8**

CHOOSE TWO IAI courses, one from the life sciences and one from the physical sciences (see Page 37).

Mathematics General Education (1 course) **Credit hours: 3-5**

- CHOOSE ONE IAI mathematics course from the following five options¹:
- *MATH 1704 - Contemporary Mathematics
 - *MATH 1713 - Finite Mathematics
 - *MATH 1774 - Statistics
 - *MATH 1833 - Calculus for Business and Social Sciences
 - *MATH 2515 - Calculus and Analytic Geometry I

Humanities General Education (3 courses) **Credit hours: 9**

CHOOSE THREE IAI humanities courses, with at least one course from general humanities and at least one course from the fine arts or interdisciplinary category (see Page 37).

Social and Behavioral Science General Education (3 courses) **Credit hours: 9**

- *PSYC 1813 - Introduction to Psychology
 - *SOCY 2513 - Sociology
- In addition, CHOOSE ONE IAI Social and Behavioral Science course (see Page 37). *PLSC 1513 - American Government is the recommendation for this requirement.

Electives (2-5 courses) **Credit hours: 5**

CHOOSE five (5) credit hours of courses from any elective area. A maximum of four (4) credit hours can come from physical education activity courses (see Pages 151-152). Consult transfer institution to determine appropriate courses to support degree or minor. Some universities require PHED 1512.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

¹Course has prerequisite.

Associate in Art in Teaching Degree

Early Childhood Education - EDUC.AAT.B28

This program fulfills the first two years of most early childhood education bachelor's degrees. Students should check individual school requirements prior to transfer and before completing the curriculum as outlined. It includes general education, professional education, and early childhood education courses. These courses encompass the 11 Illinois Professional Teaching Standards, the Core Technology Standards, the Core Language Arts Standards, and all pertinent Early Childhood Education Standards. Students entering this program are advised to complete this degree prior to transfer.

Early Childhood Education Major (6 courses)	Credit hours: 18
CDEV 1513 - Child Growth & Development	
*CDEV 2523 - Introduction to Early Childhood Education	
*CDEV 2633 - Health, Nutrition and Safety	
*CDEV 2543 - Child Study and Observation	
*CDEV 2533 - Early Childhood Curriculum Development	
*CDEV 2513 - Child, Family & Community Relations	
Professional Education (2 courses)	Credit hours: 6
EDUC 1713 - Introduction to Public Education	
EDUC 1763 - Technology in Education	
Communications General Education (3 courses)	Credit hours: 9
A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.	
*ENGL 1613 - English I	
*ENGL 1623 - English II	
*SPCH 1553 - Introductory Speech	
Mathematics General Education (2 courses)	Credit hours: 6
*MATH 1613 - Mathematics for Elementary Teachers I	
*MATH 1623 - Mathematics for Elementary Teachers II	
Physical and Life Sciences General Education (2 courses)	Credit hours: 8
CHOOSE TWO IAI courses, one from the life sciences and one from the physical sciences (see Page 37).	
Humanities General Education (3 courses)	Credit hours: 9
*ARTS 1553 - Art Appreciation	
*MUSC 1513 - Music Appreciation	
*HUMS 1513 - Introduction to Humanities	
Social and Behavioral Science General Education (3 courses)	Credit hours: 9
CHOOSE THREE courses from the following four options.	
*PLSC 1513 - American Government	
*PSYC 1813 - Introduction to Psychology	
*HIST 2513 - History of the United States to 1877	
*HIST 2523 - History of the United States from 1877 to Present	

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION: 65

*Course has prerequisite.

Early Childhood Education Associate in Arts in Teaching Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
*ENGL 1613	3
CDEV 1513	3
*SPCH 1553	3
*MATH 1613	3
*Physical and Life Science course	4
Spring semester	Credit hours
*ENGL 1623	3
EDUC 1713	3
*CDEV 2523	3
*MATH 1623	3
*Social/Behavioral Science course	3
*Humanities/Fine Arts course	3
Fall semester	Credit hours
*CDEV 2633	3
*CDEV 2543	3
EDUC 1763	3
*Social and Behavioral Science course	3
*Humanities course	3
Spring semester	Credit hours
*CDEV 2513	3
*CDEV 2533	3
*Humanities course	3
*Physical and Life Science course	4
*Social and Behavioral Science course	3

ADDITIONAL PROGRAM INFORMATION

Students must be certified by the state of Illinois that they have passed the Illinois Basic Skills test and must have a portfolio reflecting the Illinois Professional Teaching Standards to earn the AAT in Early Childhood Education degree.

Admission into baccalaureate degree programs is competitive and most senior institutions require a GPA of 2.5 or higher; completion of these courses alone does not guarantee admission.

Elementary Education Associate in Arts Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
*ENGL 1613	3
EDUC 1713	3
*MATH 1613	3
*PLSC 1513	3
*Laboratory Science course	4
Spring semester	
*ENGL 1623	3
*MATH 1623	3
*PSYC 1813	3
*SPCH 1553	3
*Laboratory Science course	4
Fall semester	
*HIST 2513 or *HIST 2523	3
*EDUC 1833	3
*EDUC 2613 or *PSYC 2553	3
*Non-Western culture humanities course	3
*Humanities course	3
*Elective	2
Spring semester	
EDUC 1763	3
*Laboratory Science course	4
*Humanities course	3
*Electives	5

ADDITIONAL PROGRAM INFORMATION

Students planning to transfer to a university are encouraged to complete the Illinois Basic Skills test at the beginning of their sophomore year at KCC. Testing dates, registration and study guides can be found at: www.icts.nesinc.com

USE THE TRANSFER GUIDE

To see how your courses transfer, log on to U.Select (formerly CAS), at www.transfer.org. U.Select is an online tool that will help you view program requirements, course equivalencies, and see how courses you have taken or plan to take transfer to another college or university.

Associate in Arts Degree

Elementary Education

The following curriculum is designed to satisfy the basic lower division requirements for elementary education majors at senior institutions. Students are encouraged to complete their Associate in Arts degree with an emphasis in Elementary Education prior to transfer. Students enrolling in this curriculum are urged to meet with an academic advisor each semester to review course selections and transfer plans.

Elementary Education (5 courses)

- EDUC 1713 - Introduction to Public Education
- EDUC 1763 - Technology in Education¹
- * EDUC 1833 - Students with Disabilities
- * EDUC 2613 - Educational Psychology¹, CDEV 1513 - Child Growth & Development or *PSYC 2553 - Lifespan Developmental Psychology¹
- * MATH 1613 - Mathematics for Elementary Teachers I

Credit hours: 15

Communications General Education (3 courses)

A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.

- * ENGL 1613 - English I
- * ENGL 1623 - English II
- * SPCH 1553 - Introductory Speech

Credit hours: 9

Laboratory Science General Education (3 courses)

CHOOSE THREE IAI courses with at least one from physical science and at least one from life science (see Page 37). The third course must complete either a physical science or a life science laboratory sequence. BIOL 1514 - General Biology I is recommended by some universities.

Credit hours: 12

Mathematics General Education (1 course)

- * MATH 1623 - Mathematics for Elementary Teachers II

Credit hours: 3

Humanities General Education (3 courses)

CHOOSE THREE IAI humanities courses, with at least one course from general humanities and at least one course from the fine arts or interdisciplinary category (see Page 37). ENGL 2613 - Ancient and Medieval World Literature or ENGL 1743 - Introduction to Literature is recommended as one of these courses.

Credit hours: 9

Social and Behavioral Science General Education (3 courses)

- * PLSC 1513 - American Government
- * PSYC 1813 - Introduction to Psychology
- * HIST 2513 - History of the United States to 1877 or *HIST 2523 - History of the United States from 1877 to Present²

Credit hours: 9

Electives (2-3 courses)¹

CHOOSE seven (7) credit hours of courses from any elective area. A maximum of four credit hours can come from physical education activity courses. Depending on the transfer institution, PHED 1512 - Health Education or HLTH 1513 - Nutrition is recommended. A non-Western culture course is required. Courses in diversity such as EDUC 2513 - Diversity in Schools are recommended. CDEV 1513 - Child Growth and Development, EDUC 2533 - Foundations of Reading, PSYC 2553 - Lifespan Developmental Psychology or EDUC 2613 - Educational Psychology are recommended. See Page 37 of this catalog for a list of available courses. Note: It is recommended that students use these elective hours to complete professional education core courses required in an elementary education degree or pursue an area of concentration.

Credit hours: 7

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

¹Consult transfer institution to determine appropriate course(s).

²Some universities require HIST 2513 instead of HIST 2523.

Associate in Engineering Science Degree

Engineering Science – (Pending ICCB approval of change to credit hours) ENGR.AES.B09

The Engineering Science transfer curriculum is intended for students planning a career in an engineering field. In general, the first year of study is common to all fields. The second year involves some divergence of course work, particularly in the fields of electrical and chemical engineering, but a high degree of similarity remains among courses in other engineering fields. Students who earn the Engineering Science associate degree may choose one of the following specific fields of engineering at a senior institution: aeronautical, astronautical, ceramic, chemical, civil, computer, electrical, industrial, mechanical, and metallurgical engineering. Students enrolling in this curriculum are urged to meet with an academic advisor each semester to review course selections and transfer plans.

Engineering Science (8-9 courses)

Credit hours: 31

Complete all four sub-requirements:

1. Computer Science - 3 credit hours
 - * COSC 2613 - Computer Programming for Science and Engineering
2. Engineering Specialty courses - 8 credit hours
 - CHOOSE at least 8 credits from the following list:
 - * CHEM 2714 - Organic Chemistry I
 - * CHEM 2724 - Organic Chemistry II
 - * ENGR 1513 - Engineering Graphics
 - * ENGR 1613 - Statics
 - * ENGR 1623 - Dynamics
 - * ENGR 2613 - Electrical Circuits and Networks
3. Mathematics - 8 credit hours
 - * MATH 2535 - Calculus and Analytic Geometry III
 - * MATH 2613 - Differential Equations
4. Physics - 12 credit hours
 - * PHYS 2614 - Physics I
 - * PHYS 2624 - Physics II
 - * PHYS 2634 - Physics III

Communications General Education (2 courses)

Credit hours: 6

Both courses must be completed with a grade of C or higher.

- * ENGL 1613 - English I
- * ENGL 1623 - English II

Laboratory Science General Education (2 courses)

Credit hours: 8

- * CHEM 1514 - General Chemistry I
- * CHEM 1524 - General Chemistry II

Mathematics General Education (2 courses)

Credit hours: 8

- * MATH 2515 - Calculus and Analytic Geometry I
- * MATH 2523 - Calculus and Analytic Geometry II

Humanities General Education (2 courses)

Credit hours: 6

CHOOSE TWO IAI humanities courses (see Page 37). Some transfer institutions are specific about the selection of this course. The student should seek advisement from the four-year engineering college he/she plans to attend.

Social and Behavioral Science (2 courses)

Credit hours: 6

CHOOSE TWO IAI social and behavioral science courses (see Page 37). *ECON 1553 - Principles of Macroeconomics and ECON 1563 - Principles of Microeconomics are recommended. Some transfer institutions are specific about the selection of these courses. Students should seek advisement from the four-year engineering college he or she plans to attend.

Elective (1 course)

Credit hours: 3

CHOOSE ONE of the following options: an engineering specialty course listed above, or an IAI social and behavioral science course, or an IAI humanities course.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 68
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*Course has prerequisite.

Engineering Science Associate in Engineering Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
*CHEM 1514	4
*ENGL 1613	3
*MATH 2515	5
*Social and Behavioral Science course	3
Spring semester	
*CHEM 1524	4
*ENGL 1623	3
*MATH 2523	3
*PHYS 2614	4
*COSC 2613	3
Summer session	
*Humanities course	3
Fall semester	
*Engineering Specialty course	4
*MATH 2535	5
*PHYS 2624	4
*Humanities course	3
*Social and Behavioral Science course	3
Spring semester	
*MATH 2613	5
*PHYS 2634	4
Elective	3
*Engineering Specialty course	4-6

ADDITIONAL PROGRAM INFORMATION

Students are encouraged to select one course in either the Humanities and Fine Arts or the Social and Behavioral Sciences that emphasizes non-Western cultures or minority cultures within the United States.

USE THE TRANSFER GUIDE

To see how your courses transfer, log on to U.Select (formerly CAS), at www.transfer.org. U.Select is an online tool that will help you view program requirements, course equivalencies, and see how courses you have taken or plan to take transfer to another college or university.

English
Associate in Arts Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
*ENGL 1613	3
*Laboratory Science course	4
*Mathematics course	3-5
*Social and Behavioral Science course	3
*Foreign language course/elective	4
Spring semester	
*ENGL 1623	3
*SPCH 1553	3
*Laboratory Science course	4
*Social and Behavioral Science course	3
*Foreign language course/elective	4
Fall semester	
*Social and Behavioral Science course	3
*Humanities courses	6
*Foreign language course/elective	4
*Elective	3
Spring semester	
*ENGL 2733	3
*Humanities course	3
*Foreign language course/elective	4
*Electives	4

USE THE TRANSFER GUIDE

To see how your courses transfer, log on to U.Select (formerly CAS), at www.transfer.org. U.Select is an online tool that will help you view program requirements, course equivalencies, and see how courses you have taken or plan to take transfer to another college or university.

Associate in Arts Degree

English

The following curriculum is designed to satisfy the basic lower division requirements for English majors at senior institutions. Students enrolling in this curriculum are urged to meet with an academic advisor each semester to review course selections and transfer plans.

English Major (1 course) Credit hours: 3
 *ENGL 2733 - American Literature from 1865 to Present

Communications General Education (3 courses) Credit hours: 9
 A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.
 *ENGL 1613 - English I
 *ENGL 1623 - English II
 *SPCH 1553 - Introductory Speech

Laboratory Science General Education (2 courses) Credit hours: 8
 CHOOSE TWO IAI courses, one from the life sciences and one from the physical sciences (see Page 37).

Mathematics General Education (1 course) Credit hours: 3
 CHOOSE ONE IAI mathematics courses from the following five choices:
 *MATH 1704 - Contemporary Mathematics
 *MATH 1713 - Finite Mathematics
 *MATH 1774 - Statistics
 *MATH 1833 - Calculus for Business and Social Sciences
 *MATH 2515 - Calculus and Analytic Geometry I

Humanities General Education (3 courses) Credit hours: 9
 CHOOSE THREE IAI humanities courses, with at least one course from general humanities and at least one course from the fine arts or interdisciplinary category (see Page 37).

Social and Behavioral Science General Education (3 courses) Credit hours: 9
 CHOOSE THREE IAI social and behavioral science courses from at least two different prefixes (see Page 37).

Electives (6-11 courses) Credit hours: 23
 CHOOSE 23 credit hours of courses from any elective area. A maximum of four credit hours can come from physical education activity courses. Consult your transfer university and KCC adviser to determine appropriate electives. If appropriate to intended program, students may complete *ENGL 1713 or *ENGL 2813. Four semesters of college-level study in a single foreign language is required. In most cases, each year of high school foreign language maybe substituted for one college semester. Courses to fulfill this requirement include: *SPAN 1514, *SPAN 1524, *SPAN 2514, *SPAN 2524, *FREN 1514, *FREN 1524, *FREN 2535, *FREN 2625.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

Associate in Arts Degree

History

The following curriculum is designed to satisfy the basic lower division requirements for history majors at senior institutions. Students enrolling in this curriculum are urged to meet with an academic advisor each semester to review course selections and transfer plans.

History Major (4 courses)

- * HIST 1513 - History of Western Civilization to 1648
- * HIST 1533 - History of Western Civilization 1648 to Present
- * HIST 2513 - History of the United States to 1877
- * HIST 2523 - History of the United States from 1877 to Present

Credit hours: 12

Communications General Education (3 courses)

A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.

- * ENGL 1613 - English I
- * ENGL 1623 - English II
- * SPCH 1553 - Introductory Speech

Credit hours: 9

Laboratory Science General Education (2 courses)

CHOOSE TWO IAI courses, one from the life sciences and one from the physical sciences (see Page 37).

Credit hours: 8

Mathematics General Education (1 course)

CHOOSE ONE IAI mathematics courses from the following five options:

- * MATH 1704 - Contemporary Mathematics
- * MATH 1713 - Finite Mathematics
- * MATH 1774 - Statistics
- * MATH 1833 - Calculus for Business and Social Sciences
- * MATH 2515 - Calculus and Analytic Geometry I

Credit hours: 3-5

Humanities General Education (3 courses)

CHOOSE THREE IAI humanities courses, with at least one course from general humanities and at least one course from the fine arts or interdisciplinary category (see Page 37).

Credit hours: 9

Social and Behavioral Science General Education (3 courses)

CHOOSE THREE IAI social and behavioral science courses from at least two different prefixes (see Page 37).

Credit hours: 9

Electives (4-6 courses)

CHOOSE 14 credit hours of courses from any elective area. A maximum of four credit hours can come from physical education activity courses. Consult your transfer university to determine appropriate electives.

Credit hours: 14

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64
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*Course has prerequisite.

History Associate in Arts Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
*HIST 1513	3
*ENGL 1613	3
*Laboratory Science course	4
*Social and Behavioral Science course	3
*Humanities course	3
Spring semester	
*HIST 1533	3
*ENGL 1623	3
*SPCH 1553	3
*Laboratory Science course	4
*Social and Behavioral Science course	3
Fall semester	
*HIST 2513	3
*Social and Behavioral Science course	3
*Foreign language course/elective	4
*Mathematics course	3-5
*Humanities course	3
Spring semester	
*HIST 2523	3
*Foreign language course/elective	4
*Humanities course	3
*Electives	6

ADDITIONAL PROGRAM INFORMATION

Competency through the second, third, or fourth semester of a single foreign language is required for a B.A. in history at some schools and for all majors in the college of arts and sciences at other schools. Ask about the language requirement of the college you are considering and complete the required foreign language courses before transfer.

Since schools divide historical periods differently across courses, students should complete course sequences at the same school. Additional history courses – such as third-world or non-Western civilization – may transfer either for history major credit or as general education credit, depending on the school. Students should select courses in consultation with an adviser.

Students who have decided upon a minor field are encouraged to complete one or more courses in the minor. Students planning to seek high school (6-12) teacher certification are encouraged to complete one or more professional education courses. Courses should be selected in consultation with an advisor.

USE THE TRANSFER GUIDE

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**Mass Communications
Associate in Arts Degree**

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
*ENGL 1613	3
*Social and Behavioral Science course	3
*Laboratory Science course	4
*Mathematics course	3-5
*Elective	3

Spring semester	Credit hours
*ENGL 1623	3
JOUR 1653	3
*SPCH 1553	3
*Laboratory Science course	4
*Humanities course	3

Fall semester	
JOUR 1673	3
JOUR 1683	3
*Social and Behavioral Science course	3
*Humanities courses	6

Spring semester	
*Social and Behavioral Science course	3
*Electives	14

ADDITIONAL PROGRAM INFORMATION

Visit www.itransfer.org or a KCC academic advisor for more information.

USE THE TRANSFER GUIDE

To see how your courses transfer, log on to U.Select (formerly CAS), at www.transfer.org. U.Select is an online tool that will help you view program requirements, course equivalencies, and see how courses you have taken or plan to take transfer to another college or university.

Associate in Arts Degree

Mass Communications

This curriculum is designed to satisfy the basic lower division requirement for mass communications majors at senior institutions. For this specialty, the recommended coursework includes nine semester credits in journalism and 37-41 semester credits from the Illinois Articulation Initiative (IAI) General Core Curriculum. The remaining credits to complete an associate degree (a minimum of 64 semester credits) should be chosen with the assistance of an academic advisor.

Mass Communications Major

IAI Major (3 Courses) Credit hours: 9

- JOUR 1653 - Introduction to Journalism
- JOUR 1673 - Introduction to Mass Communication
- *JOUR 1683 - Introduction to Radio Production

Communication General Education: (3 courses) Credit hours: 9

A minimum grade of C is required in *ENGL 1613 and *ENGL 1623

- *ENGL 1613 - English I
- *ENGL 1623 - English II
- *SPCH 1553 - Introductory Speech

Social and Behavioral Sciences General Education (3 Courses) Credit hours: 9

CHOOSE THREE IAI social and behavioral science courses from at least two different prefixes (see Page 37).

Humanities General Education (3 Courses) Credit hours: 9

CHOOSE THREE IAI humanities courses, with at least one course from general humanities and at least one course from the fine arts or interdisciplinary category (see Page 37).

Laboratory Science General Education (2 Courses) Credit hours: 8

CHOOSE TWO IAI courses, one from the life sciences and one from the physical sciences (see Page 37).

Mathematics General Education (1 course) Credit hours: 3-5

CHOOSE ONE IAI mathematics course from the following five options:

- *MATH 1704 - Contemporary Mathematics
- *MATH 1713 - Finite Mathematics
- *MATH 1774 - Statistics
- *MATH 1833 - Calculus for Business and Social Science
- *MATH 2515 - Calculus and Analytic Geometry I

Electives (3-6 courses) Credit hours: 17

CHOOSE 17 credit hours of courses from any elective area. A maximum of four credit hours can come from physical education activity courses. Consult your transfer university to determine appropriate electives.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.



Mathematics
Associate in Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
*MATH 2515	5
*ENGL 1613	3
*Humanities course	3
*Laboratory Science course	4

Spring semester	
*MATH 2523	3
*ENGL 1623	3
*Laboratory Science course	4
*Humanities course	3
*Social and Behavioral Science course	3

Fall semester	
*MATH 2613	3
*SPCH 1553	3
*Humanities course	3
*Social and Behavioral Science course	3
*Elective	4

Spring semester	
*MATH 2535	5
*COSC 2613	3
*Social and Behavioral Science course	3
*Electives	6

USE THE TRANSFER GUIDE

To see how your courses transfer, log on to U.Select (formerly CAS), at www.transfer.org. U.Select is an online tool that will help you view program requirements, course equivalencies, and see how courses you have taken or plan to take transfer to another college or university.

Associate in Science Degree

Mathematics

This curriculum is designed to satisfy the basic lower division requirements for mathematics majors at senior institutions. Potential majors at senior institutions for students who earn an Associate in Science degree and follow the recommendations below include: actuarial science, computer science, mathematics, mathematics education, and statistics. Students enrolling in this curriculum are urged to meet with an academic advisor each semester to review course selections and transfer plans.

Mathematics General Education (1 course) Credit hours: 5
 *MATH 2515 - Calculus and Analytic Geometry I

Mathematics courses (4 courses) Credit hours: 14

IAI Major (3 courses)
 *MATH 2523 - Calculus and Analytic Geometry II
 *MATH 2613 - Differential Equations
 *MATH 2535 - Calculus and Analytic Geometry III

Additional Mathematics (1 course)
 *COSC 2613 - Computer Programming for Science and Engineering

Laboratory Science General Education (2 courses) Credit hours: 8
 CHOOSE TWO IAI courses, one from the life sciences and one from the physical sciences (see Page 37).
 PHYS 2614 - Physics I is strongly recommended as the physical science course.

Communications General Education (3 courses) Credit hours: 9
 A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.
 *ENGL 1613 - English I
 *ENGL 1623 - English II
 *SPCH 1553 - Introductory Speech

Humanities General Education (3 courses) Credit hours: 9
 CHOOSE THREE IAI humanities courses, with at least one course from general humanities and at least one course from the fine arts or interdisciplinary category (see Page 37).

Social and Behavioral Science General Education (3 courses) Credit hours: 9
 CHOOSE THREE IAI social and behavioral science courses from at least two different prefixes (see Page 37).

Electives (3-6 courses) Credit hours: 10
 CHOOSE 10 credit hours of courses from any elective area. A maximum of four credit hours can come from physical education activity courses.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

Associate in Science Degree

Physics

The following curriculum is designed to satisfy the basic lower division requirements for physics majors at senior institutions. Potential majors at senior institutions for students who earn an Associate in Science degree and follow the recommendations below include: physics, engineering physics, and physics education. Students enrolling in this curriculum are urged to meet with an academic advisor each semester to review course selections and transfer plans.

Laboratory Science General Education (2 courses) Credit hours: 8

- *CHEM 1514 - General Chemistry I
- In addition, CHOOSE ONE IAI Life Science course from the following two options:
 - *BIOL 1514 - General Biology I
 - *BIOL 1584 - Environmental Biology

Physics courses (5 courses) Credit hours: 20-21

- IAI Major (3 courses)
 - *PHYS 2614 - Physics I
 - *PHYS 2624 - Physics II
 - *PHYS 2634 - Physics III
- Additional physics (2 courses)
 - *MATH 2535 - Calculus and Analytic Geometry III
 - In addition, CHOOSE ONE course from the following two options:¹
 - *CHEM 1524 - General Chemistry II
 - *MATH 2613 - Differential Equations

Communications General Education (3 courses) Credit hours: 9

- A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.
 - *ENGL 1613 - English I
 - *ENGL 1623 - English II
 - *SPCH 1533 - Introductory Speech

Mathematics General Education (2 courses) Credit hours: 8

- *MATH 2515 - Calculus and Analytic Geometry I
- *MATH 2523 - Calculus and Analytic Geometry II

Humanities General Education (3 courses) Credit hours 9

CHOOSE THREE IAI humanities courses, with at least one course from general humanities and at least one course from the fine arts or interdisciplinary category (see Page 37).

Social and Behavioral Science General Education (3 courses) Credit hours: 9

CHOOSE THREE IAI social and behavioral science courses from at least two different prefixes (see Page 37).

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION: 63

* Course has prerequisite.

¹Most physics bachelor's degrees require both *CHEM 1524 and *MATH 2613. Students should seek advisement from the transfer institution he/she plans to attend.

Physics Associate in Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit Hours
*CHEM 1514	4
*ENGL 1613	3
*MATH 2515	5
*Social and Behavioral Science course	3

Spring Semester	Credit hours
*ENGL 1623	3
*MATH 2523	3
*PHYS 2614	4
*SPCH 1533	3
*Social and Behavioral Science course	3

Fall semester	Credit Hours
*MATH 2535	5
*PHYS 2624	4
*Humanities courses	6
*Social and Behavioral Science course	3

Spring semester	Credit hours
*CHEM 1524 or *MATH 2613	3-4 ¹
*PHYS 2634	4
*BIOL 1514 or *BIOL 1584	4
*Humanities course	3

**Political Science
Associate in Arts Degree**

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
*PLSC 1513	3
*ENGL 1613	3
*Laboratory Science course	4
*Mathematics course	3-5
*Elective	3
Spring semester	
*ENGL 1623	3
*SPCH 1553	3
*Laboratory Science course	4
*Social and Behavioral Science course	3
*Humanities course	3
Fall semester	
*Social and Behavioral Science course	3
*Humanities course	3
PLSC 2613	3
*Electives	7
Spring semester	
*Social and Behavioral Science course	3
*Humanities course	3
*Electives	10

USE THE TRANSFER GUIDE

To see how your courses transfer, log on to U.Select (formerly CAS), at www.transfer.org. U.Select is an online tool that will help you view program requirements, course equivalencies, and see how courses you have taken or plan to take transfer to another college or university.

Associate in Arts Degree

Political Science

The following curriculum is designed to satisfy the basic lower division requirements for political science majors at senior institutions. Baccalaureate programs in political science may specialize in such areas as public administration, public law, international relations, comparative politics, political behavior, political philosophy, and U.S. government. Students enrolling in this curriculum are urged to meet with an academic advisor each semester to review course selections and transfer plans.

Political Science Major (2 courses) Credit hours: 6

- * PLSC 1513 - American Government
- * PLSC 2613 - Introduction to International Relations

Communications General Education (3 courses) Credit hours: 9

A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.

- * ENGL 1613 - English I
- * ENGL 1623 - English II
- * SPCH 1553 - Introductory Speech

Laboratory Science General Education (2 courses) Credit hours: 8

CHOOSE TWO IAI courses, one from the life sciences and one from the physical sciences (see Page 37).

Mathematics General Education (1 course) Credit hours: 3-5

CHOOSE ONE IAI mathematics courses from the following five choices:

- * MATH 1704 - Contemporary Mathematics
- * MATH 1713 - Finite Mathematics
- * MATH 1774 - Statistics
- * MATH 1833 - Calculus for Business and Social Sciences
- * MATH 2515 - Calculus and Analytic Geometry I

Humanities General Education (3 courses) Credit hours: 9

CHOOSE THREE IAI humanities courses, with at least one course from general humanities and at least one course from the fine arts or interdisciplinary category (see Page 37).

Social and Behavioral Science General Education (3 courses) Credit hours: 9

CHOOSE THREE IAI social and behavioral science courses from at least two different prefixes (see Page 37).

Electives (6-10 courses) Credit hours: 20

CHOOSE 20 credit hours of courses from any elective area. A maximum of four credit hours can come from physical education activity courses. Consult your transfer university to determine appropriate electives.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

Associate in Arts Degree

Psychology

The following curriculum is designed to satisfy the basic lower division requirements for psychology majors at senior institutions. Students enrolling in this curriculum are urged to meet with an academic advisor each semester to review course selections and transfer plans.

Psychology Major (1 course)

*PSYC 2513 - Abnormal Psychology¹

Credit hours: 3

Social and Behavioral Science General Education (3 courses)

*PSYC 1813 - Introduction to Psychology

In addition, CHOOSE TWO IAI social and behavioral science courses from at least two different prefixes (see Page 37).

Credit hours: 9

Communications General Education (3 courses)

A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.

*ENGL 1613 - English I

*ENGL 1623 - English II

*SPCH 1553 - Introductory Speech

Credit hours: 9

Laboratory Science General Education (2 courses)

CHOOSE TWO IAI courses, one from the life sciences and one from the physical sciences (see Page 37).

Credit hours: 8

Mathematics General Education (1 course)

CHOOSE ONE IAI mathematics courses from the following four choices. MATH 1774 - Statistics is the recommended course.

*MATH 1713 - Finite Mathematics

*MATH 1774 - Statistics

*MATH 1833 - Calculus for Business and Social Sciences

*MATH 2515 - Calculus and Analytic Geometry I

Credit hours: 3-5

Humanities General Education (3 courses)

CHOOSE THREE IAI humanities courses, with at least one course from general humanities and at least one course from the fine arts or interdisciplinary category (see Page 37).

Credit hours: 9

Electives (6-11 courses)

CHOOSE 23 credit hours of courses from any elective area. A maximum of four credit hours can come from physical education activity courses. Note: Consult your transfer university to determine appropriate electives. IAI recommends students take no more than three psychology courses beyond Introduction to Psychology (such as *PSYC 2553 - Lifespan Developmental Psychology and *PSYC 2773 - Social Psychology) at the community college.

Credit hours: 23

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64
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¹Course has prerequisite.

Psychology Associate in Arts Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
*PSYC 1813	3
*ENGL 1613	3
*Laboratory Science course	4
*Mathematics course	3-5
*Elective	3
Spring semester	
*ENGL 1623	3
*SPCH 1553	3
*Laboratory Science course	4
*Social and Behavioral Science course	3
*Humanities course	3
Fall semester	
*Social and Behavioral Science course	3
*Humanities course	3
*Electives	10
Spring semester	
*Humanities course	3
*PSYC 2513	3
*Electives	10

USE THE TRANSFER GUIDE

To see how your courses transfer, log on to U.Select (formerly CAS), at www.transfer.org. U.Select is an online tool that will help you view program requirements, course equivalencies, and see how courses you have taken or plan to take transfer to another college or university.

Secondary Education Associate in Arts Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
*ENGL 1613	3
*PSYC 1813	3
EDUC 1713	3
*Laboratory Science course	4
*Humanities course	3

Spring semester	Credit hours
*ENGL 1623	3
*SPCH 1553	3
*PLSC 1513	3
*EDUC 1833	3
*Laboratory science course	4

Fall semester	Credit hours
*EDUC 2613	3
*Non-Western culture Social Science course	3
*Humanities course	3
*Mathematics course	3-5
*Elective	4

Spring semester	Credit hours
*EDUC 1763	3
*Humanities course	3
*Laboratory science course	4
*Electives	6

ADDITIONAL PROGRAM INFORMATION

Because of new IAI mandates for secondary education majors, students are encouraged to contact their transfer institutions as soon as possible during their college enrollment.

Students planning to transfer to a university are required to complete the Illinois Basic Skills test at the beginning of their sophomore year at KCC.

Testing dates, registration and study guides can be found at: www.icts.nesinc.com

Among required courses in this curriculum, one course meets Illinois Articulation Initiative Major-Specific requirements for secondary-education majors. Visit www.itransfer.org or a KCC academic adviser for more information.

USE THE TRANSFER GUIDE

To see how your courses transfer, log on to U.Select (formerly CAS), at www.transfer.org. U.Select is an online tool that will help you view program requirements, course equivalencies, and see how courses you have taken or plan to take transfer to another college or university.

Associate in Arts Degree

Secondary Education

The following curriculum is designed to satisfy the basic lower division requirements for secondary education. Students are encouraged to complete their Associate in Arts degree with an emphasis in secondary education prior to transfer. Since secondary education is not a major at the baccalaureate level, students need to select a content area major and minor from among those disciplines taught in high school. Courses in the major and minor should be selected in consultation with an advisor. Students also are urged to meet with an academic advisor each semester to review course selections and transfer plans.

Secondary Education Major (4 courses)	Credit hours: 12
EDUC 1713 - Introduction to Public Education	
*EDUC 1763 - Technology in Education	
*EDUC 1833 - Students with Disabilities	
EDUC 2613 - Educational Psychology	

Communications General Education (3 courses)	Credit hours: 9
A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.	
*ENGL 1613 - English I	
*ENGL 1623 - English II	
*SPCH 1553 - Introductory Speech	

Laboratory Science General Education (3 courses)	Credit hours: 12
CHOOSE THREE IAI laboratory science courses, with at least one course from physical science and at least one course from the life science category (see Page 37).	

Mathematics General Education (1 course)	Credit hours: 3-5
CHOOSE ONE IAI mathematics courses from the following five options. Consult your transfer university to determine the appropriate course.	
*MATH 1704 - Contemporary Mathematics	
*MATH 1713 - Finite Mathematics	
*MATH 1774 - Statistics	
*MATH 1833 - Calculus for Business and Social Sciences	
*MATH 2515 - Calculus and Analytic Geometry I	

Humanities General Education (3 courses)	Credit hours: 9
CHOOSE THREE IAI humanities courses, with at least one course from general humanities and at least one course from the fine arts or interdisciplinary category (see Page 37). ENGL 2613 - Ancient and Medieval World Literature is recommended as one of the courses.	

Social and Behavioral Science General Education (3 courses)	Credit hours: 9
*PSYC 1813 - Introduction to Psychology	
*PLSC 1513 - American Government	
In addition, CHOOSE ONE of the following six options:	
*ANTH 1713 - Introduction to Anthropology	
*GEOG 1513 - World Regional Geography	
*HIST 2513 - History of the United States to 1877	
*HIST 2523 - History of the United States from 1877 to present	
*HIST 2533 - Latin American History (Independence to Present)	
*SOCY 2513 - Sociology	

Electives (4-7 courses)	Credit hours: 10
CHOOSE 10 credit hours of courses from any elective area. A maximum of four credit hours can come from physical education activity courses, such as PHED 1512. EDUC 2533 - Foundations of Reading and EDUC 2513 - Diversity in Schools are recommended.	

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

Associate in Arts in Teaching Degree

Secondary Mathematics – EDUC.AAT.B26

The Associate in Arts in Teaching – Secondary Mathematics emphasis fulfills the first two years of a four-year degree in secondary education with a mathematics concentration. The program consists of general education, professional education, and mathematics courses. These courses encompass the 11 Illinois Professional Teaching Standards, the Technology Standards, and the Core Language Arts Standards for all teachers. Students are encouraged to complete their Associate in Arts in Teaching: Secondary Mathematics prior to transfer. Students are urged to meet with an academic advisor each semester to review course selections and transfer plans.

Mathematics Major (3 courses)

- * MATH 2515 - Calculus & Analytical Geometry I
- * MATH 2523 - Calculus & Analytical Geometry II
- * MATH 2535 - Calculus & Analytical Geometry III

Credit hours: 13

Professional Education (2 courses)

EDUC 1713 - Introduction to Public Education

In addition, CHOOSE ONE course from the following three options:

- * EDUC 2613 - Educational Psychology
- EDUC 1763 - Instructional Technology
- * PSYC 2553 - Lifespan Developmental Psychology

Credit hours: 6

Communications General Education (3 courses)

A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.

- * ENGL 1613 - English I
- * ENGL 1623 - English II
- * SPCH 1553 - Introductory Speech

Credit hours: 9

Laboratory Science General Education (2 courses)

CHOOSE TWO IAI laboratory science courses, with one course from physical science and one course from the life science category (See Page 37).

Credit hours: 8

Mathematics General Education (1 course)

CHOOSE ONE IAI mathematics course from the following three options. Consult your transfer university to determine the appropriate course.

- * MATH 1704 - Contemporary Mathematics
- * MATH 1713 - Finite Mathematics
- * MATH 1774 - Statistics

Credit hours: 3-4

Humanities General Education (3 courses)

CHOOSE TWO IAI humanities courses, with one course from general humanities and one course from the fine arts or interdisciplinary category (see Page 37).

In addition, CHOOSE ONE course from the following three options:

- * HIST 1643 - Middle East History 600 to Present
- * HUMS 1813 - African-American Cultural Expression¹
- * HUMS 2613 - World Religions

Credit hours: 9

Social and Behavioral Science General Education (3 courses)

* PSYC 1813 - Introduction to Psychology

In addition, CHOOSE TWO IAI social and behavioral science courses (see Page 37). Both cannot have a PSYC prefix. Recommended courses:

- * PLSC 1513 - American Government
- * HIST 2513 - History of the United States to 1877
- * HIST 2523 - History of the United States from 1877 to present
- * ANTH 1713 - Introduction to Anthropology¹
- * GEOG 1513 - World Regional Geography¹
- * HIST 2533 - Latin American History (Independence to Present)¹
- * PLSC 2613 - Introduction to International Relations¹
- * SOCY 2543 - Race and Ethnic Relations¹

Credit hours: 9

Electives (2-3 courses)

CHOOSE 7 credit hours of coursework from any elective area. It is recommended that students choose EDUC 1833 - Students with Disabilities, LRCS 1512 - Library and Information Literacy and/or SPAN 1514 - Elementary Spanish I.

Credit hours: 7

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION – 64

*Course has prerequisite.

¹Course fulfills the global diversity and multiculturalism requirement. One such course must be completed. PHIL 2613 - World Religions can be substituted to fulfill this requirement.

Secondary Education— Mathematics Emphasis Associate in Arts in Teaching Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
EDUC 1713	3
*ENGL 1613	3
*HUMS 1513 - (Humanities elective)	3
*PSYC 1813	3
*MATH 2515	5

Spring semester

*ENGL 1623	3
*MATH 2523	3
*SPCH 1553	3
*Social and behavioral science course	3
*Laboratory science course	4

Fall semester

*Laboratory science course	4
*Social and behavioral science course - multiculturalism course	3
*Mathematics course	3
Education course	3
Elective	3

Spring semester

*MATH 2535	5
*Humanities electives	6
*Electives	4

ADDITIONAL PROGRAM INFORMATION

Students must be certified by the state of Illinois that they have passed the Illinois Basic Skills test to earn the AAT degree.

Upon enrollment at KCC, students choosing this major must indicate it on the enrollment form. An advisor will meet with each student during the enrollment process, and the education major coordinator will oversee each student's educational advancement and portfolio.

USE THE TRANSFER GUIDE

To see how your courses transfer, log on to U.Select (formerly CAS), at www.transfer.org. U.Select is an online tool that will help you view program requirements, course equivalencies, and see how courses you have taken or plan to take transfer to another college or university.

Sociology
Associate in Arts Degree

SUGGESTED COURSE SEQUENCE

	Credit hours
Fall semester	
*ENGL 1613	3
*SOCY 2513	3
*Laboratory Science course	4
*Mathematics course	3-5
* Elective	3
Spring semester	
*ENGL 1623	3
*SPCH 1553	3
*SOCY 2523	3
*Laboratory Science course	4
*Humanities course	3
Fall semester	
*SOCY 2543	3
*SOCY 2553	3
*Social and Behavioral Science course	3
*Humanities courses	6
Spring semester	
*ANTH 1713 or Social and Behavioral Science course	3
*Electives	14

ADDITIONAL PROGRAM INFORMATION

Visit www.itransfer.org or a KCC academic adviser for more information.

USE THE TRANSFER GUIDE

To see how your courses transfer, log on to U.Select (formerly CAS), at www.transfer.org. U.Select is an online tool that will help you view program requirements, course equivalencies, and see how courses you have taken or plan to take transfer to another college or university.

Associate in Arts Degree

Sociology

The following curriculum is designed to satisfy the basic lower division requirements for sociology majors at senior institutions. Students are urged to first consult with an academic advisor and to continue to review their course selections and transfer plans with that advisor.

Sociology Major (3 courses)

Credit hours: 9

- *SOCY 2523 - Contemporary Social Problems
- *SOCY 2543 - Race & Ethnic Relations
- *SOCY 2553 - Marriage & The Family

Communications General Education (3 courses)

Credit hours: 9

A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.

- *ENGL 1613 - English I
- *ENGL 1623 - English II
- *SPCH 1553 - Introductory Speech

Laboratory Science General Education (2 courses)

Credit hours: 8

CHOOSE TWO IAI Laboratory Science courses, one from the life sciences and one from the physical sciences (see Page 37).

Mathematics General Education (1 course)

Credit hours: 3-5

CHOOSE ONE IAI mathematics courses from the following five options. (It is recommended that students choose *MATH 1713 or *MATH 1774.)

- *MATH 1704 - Contemporary Mathematics
- *MATH 1713 - Finite Mathematics
- *MATH 1774 - Statistics
- *MATH 1833 - Calculus for Business and Social Sciences
- *MATH 2515 - Calculus and Analytic Geometry I

Humanities General Education (3 courses)

Credit hours: 9

CHOOSE THREE IAI humanities courses, with at least one course from general humanities and at least one course from the fine arts or interdisciplinary category (see Page 37).

Social and Behavioral Science General Education (3 courses)

Credit hours: 9

- *SOCY 2513 - Sociology

In addition, CHOOSE TWO IAI social and behavioral science courses from at least two different prefixes (see Page 37). *ANTH 1713 - Introduction to Anthropology is recommended as one of the three courses.

Electives (3-6 courses)

Credit hours: 17

CHOOSE 10 credit hours of courses from any elective area. A maximum of four credit hours can come from physical education activity courses. Consult your transfer institution to determine appropriate electives. Please note: students must achieve competency in a single foreign language. Four semesters of college-level study in a single foreign language is required. In most cases, each year of high school foreign language may be substituted for one college semester.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

Associate in Arts in Teaching Degree

Special Education – EDUC.AAT.B27

This program fulfills the first two years of a bachelor's degree in education with a special education concentration. It consists of courses in general and professional education. These courses encompass the 11 Illinois Professional Teaching Standards, the Technology Standards, and the Core Language Arts Standards for all teachers. Students are encouraged to complete their Associate in Arts in Teaching--Special Education degree prior to transfer. Students are urged to meet with the coordinator of education and an academic advisor each semester to review course selections and transfer plans.

Professional and Special Education (6 courses) Credit hours: 18

CHOOSE SIX courses from the following seven options.

- EDUC 1713 - Introduction to Public Education
- EDUC 1763 - Technology in Education
- * EDUC 1833 - Students with Disabilities
- * EDUC 2613 - Educational Psychology
- * EDUC 2513 - Diversity in Schools
- EDUC 2533 - Foundations of Reading
- * PSYC 2553 - Lifespan Developmental Psychology

Communications General Education (3 courses) Credit hours: 9

A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.

- * ENGL 1613 - English I
- * ENGL 1623 - English II
- * SPCH 1553 - Introductory Speech

Laboratory Science General Education (2 courses) Credit hours: 8

CHOOSE TWO IAI laboratory science courses, with one course from physical science and one course from the life science category (See Page 37).

Mathematics General Education (2 courses) Credit hours: 6

- * MATH 1613 - Mathematics for Elementary Teachers I
- * MATH 1623 - Mathematics for Elementary Teachers II

Humanities General Education (3 courses) Credit hours: 9

* HUMS 1513 - Introduction to Humanities
 * ENGL 2613 - Ancient & Medieval World Literature or *ENGL 2623 - Modern World Literature
 In addition, CHOOSE ONE course from the following four options. This course fulfills the global diversity and multiculturalism requirement.

- ARTS 1553 - Art Appreciation
- ARTS 1613 - Survey of Art Caves to Cathedrals
- ARTS 1623 - Survey of Art 1800 to Present
- ENGL 1723 - Introduction to Film Study

Social and Behavioral Science General Education (3 courses) Credit hours: 9

- * PSYC 1813 - Introduction to Psychology
- * PLSC 1513 - American Government
- * HIST 2513 - History of the United States to 1877 or *HIST 2523 - History of the United States from 1877 to present

Electives Credit hours: 3

CHOOSE THREE (3) credit hours of coursework from any elective area. Recommended courses are LRCS 1512 - Library and Information Literacy and/or SPAN 1514 - Elementary Spanish I.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION – 61

*Course has prerequisite.

Special Education Associate in Arts in Teaching Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit Hours
*ENGL 1613	3
*PSYC 1813	3
EDUC 1713	3
*HUMS 1513	3
*MATH 1613	3

Spring semester	
*ENGL 1623	3
*SPCH 1553	3
*MATH 1623	3
*EDUC 1833	3
*Laboratory science course	4

Fall semester	
*EDUC 2613	3
*HIST 2513 or HIST 2523	3
*Humanities elective	3
*PSYC 2553	3
*Laboratory science course	4

Spring semester	
*Education elective	3
EDUC 1763	3
*Elective	3
*PLSC 1513	3
*ENGL 2613 or *ENGL 2623	3

ADDITIONAL PROGRAM INFORMATION

Students must be certified by the state of Illinois that they have passed the Illinois Basic Skills test to earn the AAT degree.

Upon enrollment at KCC, students choosing this major must indicate it on the Admissions Form. An advisor will meet with each student during the enrollment process, and the coordinator of education will oversee each student's educational advancement and portfolio.

A completed background check and all relevant transcripts must be on file prior to official admission into the program. Students must have completed all required remedial course work before being admitted to the AAT in Special Education. A completed health form also may be requested. Students who complete a clinical observation may be asked to sign a mandated reporter form.

Visual Arts
Associate in Arts Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
ARTS 1503	3
ARTS 1513	3
*ARTS 1613	3
*ENGL 1613	3
*Laboratory Science course	4
Spring semester	
ARTS 1603	3
ARTS 1813	3
*ARTS 1623	3
*ENGL 1623	3
*Social and Behavioral Science course	3
Fall semester	
*ARTS 1633	3
*PLSC 1513	3
*HUMS 1513	3
*Humanities course	3
*Social and Behavioral Science course	3
*Mathematics course	3-5
Spring semester	
*SPCH 1553	3
*Laboratory Science course	4
*Humanities course	3
Art elective	3
*Elective	3

ADDITIONAL PROGRAM INFORMATION

This curriculum includes more of the required general education courses than the Associate in Fine Arts degree. It should be pursued by those who are interested in an art education major and those who are undecided as to the direction they want to pursue within the field of art.

The Associate in Arts in Visual Arts fulfills the IAI lower-division General Education Core, but students entering certain fine arts fields may be required to take two or more additional studio courses to meet the requirements of the transfer institution.

KCC also offers an Associate in Fine Arts degree in Art. See Page 41.

USE THE TRANSFER GUIDE

To see how your courses transfer, log on to U.Select (formerly CAS), at www.transfer.org. U.Select is an online tool that will help you view program requirements, course equivalencies, and see how courses you have taken or plan to take transfer to another college or university.

Associate in Arts Degree

Visual Arts

The Associate in Arts degree in Visual Arts provides first- and second-year art and general education courses leading to the bachelor of arts degree. It is intended for students planning a career in art education, museum or gallery work, reporting and writing about art, and the numerous careers supplying services by and for artists such as art dealer, art consultant, art insurance agent or lawyer, commercial printer, typographer, and art therapist. Students enrolling in this curriculum are urged to meet with an academic advisor each semester to review course selections and transfer plans.

Visual Arts (8 courses)

Credit hours: 24

Complete all three sub-requirements:

1. Art - 18 credit hours

- ARTS 1503 - Basic Drawing
- ARTS 1513 - Two-Dimensional Design
- ARTS 1603 - Drawing II
- ARTS 1813 - Three-Dimensional Design
- *ARTS 1623 - Survey of Art (Renaissance - Rococo)¹
- *ARTS 1633 - Survey of Art (1800 - Present)¹

2. Art Elective - 3 credit hours

CHOOSE ONE course from the following 10 options. In addition, a portfolio review is generally required by transfer institutions for studio courses in individual media.

- ARTS 2513 - Painting
- *ARTS 2523 - Painting II
- ARTS 2553 - Photography
- *ARTS 2643 - Computer Art
- *ARTS 2563 - Photography II
- ARTS 2573 - Introduction to Printmaking
- *ARTS 2583 - Color Photography
- *ARTS 2613 - Figure Drawing
- *ARTS 2623 - Figure Drawing II
- ARTS 2713 - Introduction to Sculpture

3. IAI Humanities Elective - 3 credit hours

CHOOSE ONE IAI humanities course (see Page 37).

Communications General Education (3 courses)

Credit hours: 9

A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.

- *ENGL 1613 - English I
- *ENGL 1623 - English II
- *SPCH 1553 - Introductory Speech

Social and Behavioral Science General Education (3 courses)

Credit hours: 9

- *PLSC 1513 - American Government

In addition, CHOOSE TWO IAI social and behavioral science courses from at least two different prefixes (see Page 37).

Laboratory Science General Education (2 courses)

Credit hours: 8

CHOOSE TWO IAI courses, one from the life sciences and one from the physical sciences (see Page 37).

Mathematics General Education (1 course)

Credit hours: 3

CHOOSE ONE IAI mathematics courses from the following five options:

- *MATH 1713 - Finite Mathematics
- *MATH 1774 - Statistics
- *MATH 1833 - Calculus for Business and Social Sciences
- *MATH 1704 - Contemporary Mathematics
- *MATH 2515 - Calculus and Analytic Geometry I

Humanities General Education (3 courses)

Credit hours: 9

- *HUMS 1513 - Introduction to Humanities
- *ARTS 1613 - Survey of Art (Caves - Cathedrals)^{1,2}

In addition, CHOOSE ONE of the following two courses:

- *HIST 1513 - History of Western Civilization to 1648²
- *HIST 1533 - History of Western Civilization 1648 to present²

Electives (1 course)

Credit hours: 2

CHOOSE ONE course (2 credit hours) from any transfer-level elective area. Art Education majors should take PHED 1512 - Health Education, and two additional elective hours.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

¹Because colleges divide historical periods differently, completing the entire Survey of Art sequence at one college is strongly recommended.

²May not also be used to meet general education requirements at some institutions.

Occupational programs

Kankakee Community College's occupational programs in the business, health and technology areas offer students educational and technological opportunities in a wide variety of fields. The programs provide career preparation, job retraining, and skills upgrading.

Students enrolled in the occupational programs may study for an Associate in Applied Science degree which require a minimum of 60 credit hours and a maximum of 71 credit hours, depending on the particular field of study; an advanced certificate of 30 to 50 credit hours; and a certificate of completion which requires satisfactory completion of a series of courses.

To receive an Associate in Applied Science degree (AAS) a student must successfully complete a minimum of 15 credit hours of general education courses. Six credit hours must be taken from the communications area. Nine credit hours also must be taken from the humanities, math/science or social and behavioral science areas (or any combination thereof). These requirements are included in the curriculum and/or are indicated by "ELECTIVE" where a general education course must be taken. General education courses for Associate in Applied Science and certificate students are listed on Page 64 of this catalog.

The following pages list fields of occupational study offered at KCC. Listed under the name of the curriculum are the required course selections (and their credit hour values) for satisfactory completion of the curriculum.

Exceptions to all certificate and degree requirements must be approved by petitioning the Graduate Review Committee.

Due to curriculum revisions, state agency or accrediting agency changes or other factors beyond the college's control, the curricula shown may have been modified after this catalog was printed. Please check with the Department of Student Services for the most current curriculum outlines.

Cooperative programs

Cooperative programs are offered as an option for KCC district residents to attend other community colleges without paying an out-of-district tuition rate.

Cooperative programs are offered through two types of partnerships. The first is a comprehensive agreement where district residents can enroll in any program not offered at KCC at the cooperating college without paying an out-of-district rate. The second type of agreement includes only specified programs at the cooperating community colleges.

Degrees or certificates for all cooperative programs are awarded by the cooperative college. Contact the Department of Student Services at KCC, 815-802-8500, for information regarding these agreements and before enrolling at the cooperating college.

Comprehensive cooperative agreements

KCC students can enroll in any program at these colleges at the in-district rate if the program is not offered at KCC.

Black Hawk College
Carl Sandburg College
Danville Community College
Elgin Community College
Heartland Community College
Highland Community College
Illinois Central College
Illinois Valley Community College
John Wood Community College
Joliet Junior College
Kaskaskia College
Kishwaukee College
Lake Land College
Lewis and Clark Community College
Lincoln Land Community College
McHenry County College
Morton College
Prairie State College
Richland Community College
Rock Valley College
Sauk Valley Community College
South Suburban College
Spoon River College
Waubonsee Community College

Specific cooperative agreement

KCC students can enroll in specific programs (listed below) at Parkland College at the in-district rate.

Parkland College (Champaign):

Agricultural Business: Applied Agronomy – Associate in Applied Science Degree
Agricultural Business: Equine Management Associate in Applied Science Degree
Agricultural Business: Grain Merchandising and Management Associate in Applied Science Degree
Agricultural Business: Precision Agriculture Technology Associate in Applied Science Degree
Agricultural Business: Management Associate in Applied Science Degree
Hospitality Industry: Hotel/Motel Management Associate in Applied Science Degree
Hospitality Industry: Resort and Casino Management Associate in Applied Science Degree
Hospitality Industry: Restaurant Management Associate in Applied Science Degree
Mass Communication: Audio/Video Communications Associate in Applied Science Degree
Mass Communication: Audio/Video Technology Associate in Applied Science Degree
Occupational Therapy Assistant Associate in Applied Science Degree
Radiologic Technology: Computed Tomography Certificate
Radiologic Technology: Magnetic Resonance Imaging Certificate

General Education Courses for Applied Science Degrees

Occupational degree programs (Associate in Applied Science degrees) at KCC require the completion of several general education courses. These courses assist students in becoming contributing members of society by providing them with an opportunity to explore major values, ideas and bodies of knowledge.

Through completion of general education requirements, students are expected to synthesize, develop and internalize personal values; develop a more global perspective of the human condition; strengthen basic skills in communication and computation; and integrate general and career-specific learning.

These general education courses also apply to students seeking Associate in General Studies degrees.

Career students intending to transfer should consult a advisor about IAI transfer requirements. Students in transfer degree programs should refer to general education requirements on Page 37.

The following list identifies the courses which meet KCC's general education requirements for students seeking Associate in Applied Science degrees.

All courses listed in the IAI General Education Core (Page 37) are accepted as electives for occupational degrees.

Communications

- *BSNS 1603 - Business Communications (for specific curricula only)
- *ENGL 1413 - Fundamentals of Writing

Humanities

- ARTS 1503 - Basic Drawing
- ARTS 1513 - Two-Dimensional Design
- ARTS 1603 - Drawing II
- ARTS 1813 - Three-Dimensional Design
- ARTS 2513 - Painting
- *ARTS 2523 - Painting II
- ARTS 2553 - Photography
- *ARTS 2563 - Photography II
- ARTS 2573 - Introduction to Printmaking
- *ARTS 2583 - Color Photography
- *ARTS 2613 - Figure Drawing
- *ARTS 2623 - Figure Drawing II
- ARTS 2713 - Introduction to Sculpture
- *ENGL 2533 - Survey of British Literature II (Study in England program)
- ENGL 2813 - Creative Writing
- *FREN 2524 - French Culture and Civilization
- *HIST 1534 - History of Western Civilization through Independent Study & Travel
- PHIL 2543 - Death & Dying
- SPAN 1503 - Basic Spanish
- *SPAN 1514 - Elementary Spanish I
- SPCH 1563 - Interpersonal Communications
- *THEA 1813 - Introduction to Drama

Mathematics

- *MATH 1113 - Technical Mathematics I
- *MATH 1123 - Technical Mathematics II
- *MATH 1213 - Applied Arithmetic
- *MATH 1414 - Basic Algebra
- *MATH 1424 - Intermediate Algebra

- *MATH 1453 - Geometry
- *MATH 1704 - Contemporary Mathematics
- *MATH 1803 - Trigonometry
- *MATH 1814 - College Algebra
- *MATH 2113 - Technical Mathematics III
- *MATH 2613 - Differential Equations

Life science (laboratory science)

- *BIOL 1524 - General Biology II
- *BIOL 1614 - General Zoology
- *BIOL 1714 - General Botany
- *BIOL 2644 - Anatomy & Physiology I
- *BIOL 2654 - Anatomy & Physiology II
- *BIOL 2714 - Microbiology

Physical science (laboratory science)

- *CHEM 1504 - Basic Chemistry
- *CHEM 1524 - General Chemistry II
- *CHEM 2614 - Quantitative Analysis
- *CHEM 2714 - Organic Chemistry I
- *CHEM 2724 - Organic Chemistry II
- *PHYS 1524 - General Physics II
- *PHYS 2614 - Physics I
- *PHYS 2624 - Physics II
- *PHYS 2634 - Physics III

Social and behavioral science

- HIST 1823 - African American History
- HIST 1913 - Illinois History
- *PSYC 1013 - Practical Psychology
- *PSYC 2513 - Abnormal Psychology
- *PSYC 2563 - Alcoholism

Health education

- PHED 1512 - Health Education

*Course has prerequisite.

Business electives

Business electives for associate in applied science and certificate programs may be selected from the following courses with approval of business advisors:

	Credit hours
ACCT 1413 - General Accounting	3
ACCT 1514 - Financial Accounting	4
*ACCT 1523 - Managerial Accounting	3
*ACCT 2613 - Intermediate Accounting	3
*ACCT 2753 - Cost Accounting	3
BSNS 1312 - Proofreading & Editing	2
*BSNS 1353 - Administrative Office Procedures	3
BSNS 1373 - Personal Finance	3
BSNS 1411 - Keyboarding	1
BSNS 1553 - Introduction to Business	3
*BSNS 1603 - Business Communications	3
BSNS 1653 - Business Law	3
BSNS 1663 - Legal and Social Environment of Business	3
BSNS 2113 - Small Business Management	3
BSNS 2143 - Human Relations in Business	3
BSNS 2213 - Human Resource Management	3
BSNS 2311 - Successful Customer Service	1
*BSNS 2413 - Management Field Project	3
*BSNS 2423 - Internship Experience	3

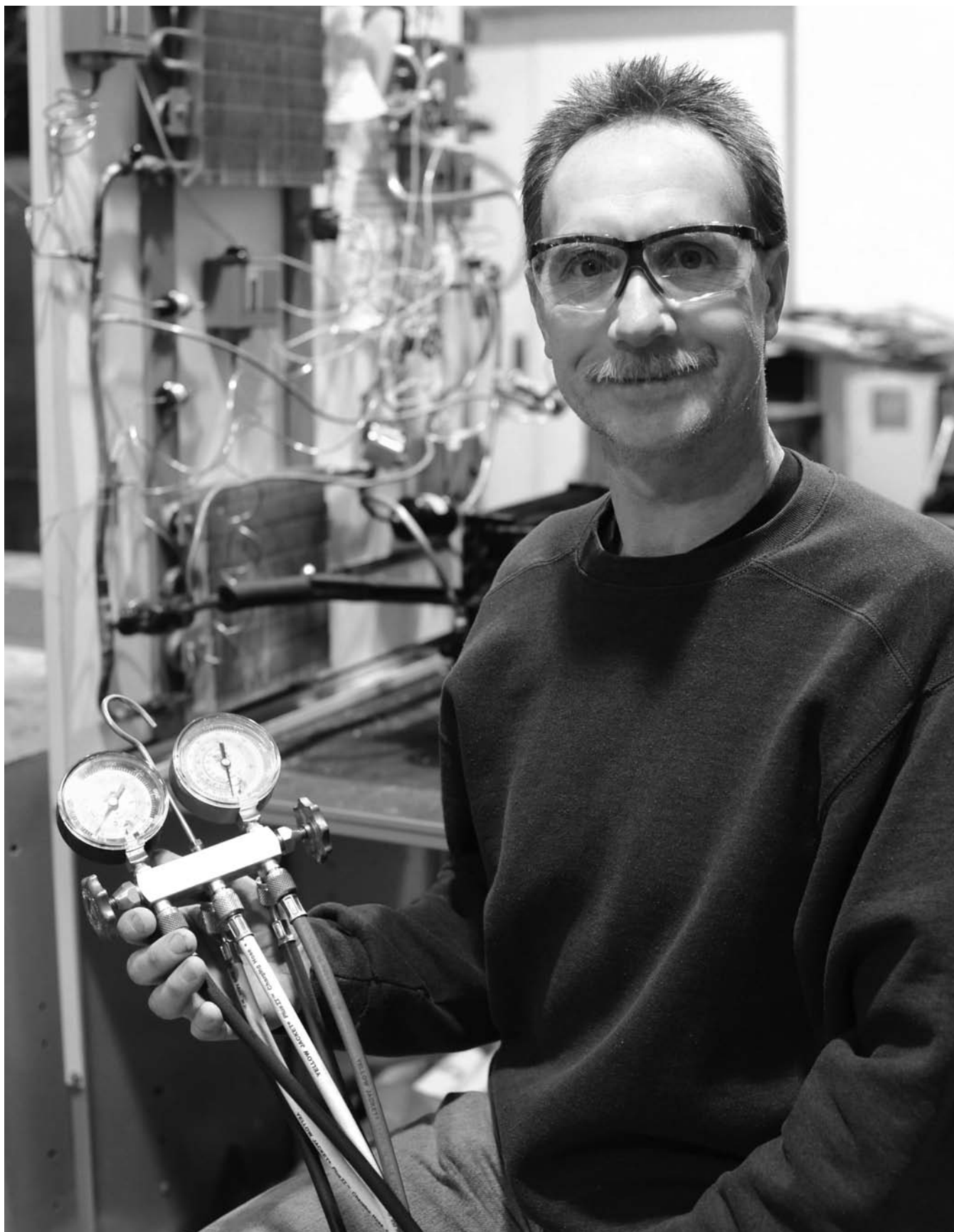
*BSNS	2514	- Business Statistics	4
BSNS	2553	- Principles of Management	3
COSC	1023	- Intermediate Word	3
COSC	1152	- Introduction to Windows	2
*COSC	1172	- Introduction to the Internet	2
*COSC	1181	- Voice Recognition	1
*COSC	1341	- PowerPoint	1
*COSC	1352	- Word	2
*COSC	1362	- Access	2
*COSC	1372	- Excel	2
*COSC	1382	- Microsoft Office Suite Integration	2
COSC	1513	- Introduction to Information Processing	3
*COSC	2033	- Advanced Word	3
*COSC	2513	- Introduction to Computer Science	3
*COSC	2613	- Computer Programming for Science and Engineering	3
*ECON	1553	- Principles of Macroeconomics	3
ECON	1563	- Principles of Microeconomics	3
*MATH	1414	- Basic Algebra	4
*MATH	1713	- Finite Mathematics	3
*MATH	1833	- Calculus for Business & Social Sciences	3
MKTG	1253	- Sales and Customer Service	3
MKTG	1553	- Principles of Marketing	3
MKTG	2063	- Fundamentals of Advertising	3
*PSYC	1813	- Introduction to Psychology	3
*SOCY	2513	- Sociology	3
SPAN	1503	- Basic Spanish	3
SPCH	1553	- Introductory Speech	3
TWDL	1003	- Transportation and Physical Distribution	3
TWDL	1103	- Supply Chain Management	3
TWDL	1203	- Introduction to Import/Export	3
TWDL	1303	- Principles of Operations Management	3
TWDL	1402	- Transportation and Cargo Security	2

*Course has prerequisite.

Technical electives

All courses with the prefix AIRC, AUTO, CNST, DRFT, DSGN, ELTR, MCHN and WELD can be used as technical electives. COSC 1513 - Introduction to Information Processing, also can be used as a technical elective.

Administrative Assistant is now Office Professional.
See Page 100.



Air Conditioning and Refrigeration

Associate in Applied Science Degree – AIRC.AAS.C36

The Air Conditioning and Refrigeration curriculum prepares technicians to design, layout, install, repair and maintain commercial and domestic refrigeration units, air conditioning and heating systems, and related environmental units. Students enrolling in AIRC courses will be required to furnish a set of tools for their own use. Air Conditioning and Refrigeration graduates are generally prepared to enter air conditioning programs at selected colleges and universities with junior status.

Air Conditioning and Refrigeration Core (14 courses)

Credit hours: 52

AIRC	1014 - Fundamentals of Air Conditioning
*AIRC	1023 - Controls & Circuitry for HVAC
*AIRC	1114 - Domestic Refrigeration
*AIRC	1124 - Commercial Refrigeration
*AIRC	1214 - Heating Plants
*AIRC	1313 - Air Handling
DRFT	1154 - Technical Drafting & Print Reading
ELTR	1024 - Basic Circuit Analysis
ELTR	1034 - Fluid Power
ELTR	1064 - Fundamentals of Electricity ¹
ELTR	1402 - Industrial Safety
*ELTR	2074 - DC & AC Rotating Machines & Drive Trains
*ELTR	2414 - Industrial Motor Control
WELD	1114 - Basic Welding

General Education (6 courses)

Credit hours: 17

Complete all four sub-requirements:

1. Communications² courses - 7 credit hours
 - *ENGL 1413 - Fundamentals of Writing
 - *BSNS 1603 - Business Communications
 - BSNS 2311 - Successful Customer Service
2. Mathematics³ course - 3 credit hours
 - *MATH 1123 - Technical Mathematics II
3. Physical Science course - 4 credit hours
 - *PSCI 1514 - Introduction to Physical Science
4. Social Science course - 3 credit hours
 - *SOCY 2513 - Sociology

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 69

*Course has prerequisite.

¹Those who have completed ELTR 1014 or both ELTR 1062 and ELTR 1072 will not be required to take ELTR 1064.

²For transfer students, a higher level English course may be substituted.

³For transfer students, a higher level of mathematics course may be substituted.

Advanced Certificate in Air Conditioning and Refrigeration – AIRC.CRT.C86

Upon completion of the program, the graduate is prepared for employment in the air conditioning, refrigeration, and heating service field.

Required courses: (9 courses)

AIRC	1014 - Fundamentals of Air Conditioning
*AIRC	1023 - Controls & Circuitry for HVAC
*AIRC	1114 - Domestic Refrigeration
*AIRC	1124 - Commercial Refrigeration
*AIRC	1214 - Heating Plants
*AIRC	1313 - Air Handling
ELTR	1064 - Fundamentals of Electricity ¹
*ELTR	2074 - DC & AC Rotating Machines & Drive Trains
WELD	1114 - Basic Welding

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 34

*Course has prerequisite.

¹Those who have completed ELTR 1014 or both ELTR 1062 and ELTR 1072 will not be required to take ELTR 1064.

Air Conditioning and Refrigeration Associate in Applied Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
AIRC 1014	4
DRFT 1154	4
ELTR 1064	4
ELTR 1034	4
Spring semester	
AIRC 1023	3
*AIRC 1114	4
ELTR 1024	4
ELTR 1402	2
*ENGL 1413	3
*MATH 1123	3
Fall semester	
*AIRC 1124	4
BSNS 2311	1
*ELTR 2414	4
*PSCI 1514	4
WELD 1114	4
Spring semester	
*AIRC 1214	4
*AIRC 1313	3
*BSNS 1603	3
*ELTR 2074	4
*SOCY 2513	3

ADDITIONAL PROGRAM INFORMATION

A transfer agreement with at least one four-year college or university exists for this A.A.S. program. Students should consult an adviser for more information.

Air Conditioning and Refrigeration Advanced Certificate

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
AIRC 1014	4
ELTR 1064	4
Spring semester	
*AIRC 1023	3
*AIRC 1114	4
Fall semester	
*AIRC 1124	4
WELD 1114	4
Spring semester	
*AIRC 1214	4
*AIRC 1313	3
*ELTR 2074	4

Automotive Technology
Associate in Applied Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
AUTO 1021	1
AUTO 1064	4
AUTO 1073	3
AUTO 1143	3
PSCI 1514	4
WELD 1114	4

Spring semester	
*AUTO 1123	3
*AUTO 2013	3
COSC 1513	3
ELTR 1402	2
*ENGL 1413	3
*MATH 1123	3

Fall semester	
AUTO 1213	3
AUTO 2243	3
DRFT 1154	4
ELTR 1064	4
MCHN 1214	4
MCHN 1311	1

Spring semester	
AUTO 1223	3
AUTO 2233	3
AUTO 2252	2
*BSNS 1603	3
SOCY 2513	3

ADDITIONAL PROGRAM INFORMATION

A transfer agreement with at least one four-year college or university exists for this A.A.S. program. Students should consult an advisor for more information.

Automotive Technology

Associate in Applied Science Degree – AUTO.AAS.C31

The objective of the Automotive Technology curriculum is to prepare students to enter the automotive service field with a proven degree of competency. The AAS program courses are designed to give the student entry-level skills in most phases of automotive repair. The student must realize, however, that to become an expert in the automotive field requires dedication and continued schooling. Automotive Technology graduates are generally prepared to enter automotive programs at selected colleges and universities with junior status.

Automotive Technology Core (10 courses) Credit hours: 31

- AUTO 1021 - Service Shop Operations I
- AUTO 1064 - Internal Combustion Engines
- AUTO 1073 - Ignition & Electrical Systems I
- *AUTO 1123 - Ignition & Electrical Systems II
- AUTO 1143 - Brakes
- AUTO 1213 - Manual Transmissions & Drivelines
- AUTO 1223 - Automatic Transmissions
- *AUTO 2013 - Computerized Engine Controls I
- AUTO 2233 - Heating & Air Conditioning
- AUTO 2243 - Alignment, Steering & Suspension
- AUTO 2252 - Service Shop Operations II

General Education (5 courses) Credit hours: 16

- Complete all four sub-requirements:
1. Communications¹ courses - 6 credit hours
 - * ENGL 1413 - Fundamentals of Writing
 - * BSNS 1603 - Business Communications
 2. Mathematics² course - 3 credit hours
 - * MATH 1123 - Technical Mathematics II
 3. Physical Science course - 4 credit hours
 - * PSCI 1514 - Introduction to Physical Science
 4. Social Science course - 3 credit hours
 - * SOCY 2513 - Sociology

Technical Core (7 courses) Credit hours: 22

- COSC 1513 - Introduction to Information Processing
- DRFT 1154 - Technical Drafting & Print Reading
- ELTR 1064 - Fundamentals of Electricity³
- ELTR 1402 - Industrial Safety
- MCHN 1214 - Machine Tool I
- MCHN 1311 - Precision Measurement
- WELD 1114 - Basic Welding

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 69

*Course has prerequisite.

¹For transfer students, a higher level English course may be substituted.

²For transfer students, a higher level of mathematics course may be substituted.

³Those who have completed ELTR 1014 or both ELTR 1062 and ELTR 1072 will not be required to take ELTR 1064.

Certificate in Automotive Technology

Curriculum code: C81

Upon completion of this program, the graduate is prepared for entry-level employment in the automotive repair and maintenance field.

Required courses: (9 courses)

- AUTO 1064 - Internal Combustion Engines
- AUTO 1073 - Ignition & Electrical Systems I
- *AUTO 1123 - Ignition & Electrical Systems II
- AUTO 1143 - Brakes
- AUTO 1213 - Manual Transmissions & Drivelines
- AUTO 1223 - Automatic Transmissions
- *AUTO 2013 - Computerized Engine Controls I
- AUTO 2233 - Heating & Air Conditioning
- AUTO 2243 - Alignment, Steering and Suspension

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 28
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*Course has prerequisite.

Automotive Technology Certificate

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
AUTO 1064	4
AUTO 1073	3
AUTO 1143	3
Spring semester	
*AUTO 1123	3
*AUTO 2013	3
Fall semester	
AUTO 1213	3
AUTO 2243	3
Spring semester	
AUTO 1223	3
AUTO 2233	3

Certificate options in Automotive Technology

It is possible for a student to take a small grouping of courses which, taken as a unit, may satisfy requirements for a particular position within the automotive technology field. The student may make written application to the Office of Admissions and Registration to receive written verification of completion of the certificate program.

Advanced Drivetrains/Powertrains (17 hours)

Curriculum code: C81D (Pending approval)

	Credit Hours
AUTO 1064 - Internal Combustion Engines	4
AUTO 1213 - Manual Transmissions & Drivelines	3
AUTO 1223 - Automatic Transmissions	3
*AUTO 2206 - Engine Diagnosis & Overhaul	6
MCHN 1311 - Precision Measurement	1

Automotive Heating & Air Conditioning (3 hours)

Curriculum code: C81A

AUTO 2233 - Heating & Air Conditioning	3
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Brakes & Alignment (6 hours)

Curriculum code: C81B

AUTO 1143 - Brakes	3
AUTO 2243 - Alignment, Steering and Suspension	3

Drivelines (6 hours)

Curriculum code: C81C

AUTO 1213 - Manual Transmissions & Drivelines	3
AUTO 1223 - Automatic Transmissions	3

*Course has prerequisite, but it may be waived with documented previous work experience and consent of instructor.

Business
Associate in Applied Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
MKTG 1553	3
ACCT 1413 or ACCT 1514	3-4
BSNS 1553	3
*ENGL 1413	3
*MATH 1213 or higher math	3
Spring semester	
*BSNS 1603	3
BSNS 1653 or BSNS 1663	3
*ECON 1553	3
Specialization courses	6-7
Business elective	3
Fall semester	
BSNS 2553	3
*COSC 1513	3
Specialization courses	5-6
Business elective	3
Spring semester	
*ENGL 1613	3
Specialization course (if needed)	2-3
Business electives	6
General education elective	4

ADDITIONAL PROGRAM INFORMATION

Among electives and required courses in this curriculum, five courses (ACCT 1514, *ACCT 1523, BSNS 1553, BSNS 1653, and *COSC 1513) meet Illinois Articulation Initiative Major-Specific requirements for business majors. Visit www.itransfer.org or a KCC academic advisor for more information.

Business

Associate in Applied Science Degree – BSNS.AAS.C13

This program is designed for the student who desires to advance in his/her career, or enter the workforce upon graduation from KCC. Graduates should be qualified for a variety of entry or mid-level positions in business, accounting, marketing, management and transportation.

This degree is not designed for transfer, however graduates will find that adult studies degree programs offered at many universities often make it possible to continue on to a bachelor's degree with minimal disruption. If you are interested in transferring to a four-year institution, working with a KCC advisor can ensure a smooth transfer experience.

Business Core (6 courses) Credit hours: 18-19

- BSNS 1553 - Introduction to Business
- BSNS 1653 - Business Law or BSNS 1663 - Legal and Social Environment of Business
- BSNS 2553 - Principles of Management
- ACCT 1413 - General Accounting or ACCT 1514 - Financial Accounting¹ (recommended for Accounting specialization)
- *COSC 1513 - Introduction to Information Processing
- MKTG 1553 - Principles of Marketing

General Education (6 courses) Credit hours: 19

CHOOSE TWO courses from the following three options:

- * ENGL 1413 - Fundamentals of Writing
- * ENGL 1613 - English I
- * ENGL 1623 - English II
- * ECON 1553 - Principles of Macroeconomics
- * BSNS 1603 - Business Communication
- * MATH 1213 or higher level mathematics elective (see Page 64).
 Elective - General education (4 credit hours)

Business electives (3-6 courses) Credit hours: 12

CHOOSE 12 (TWELVE) credit hours from the Business Electives list (see Pages 64-65).

Specialization (4-5 courses) Credit hours: 11-15

CHOOSE ONE specialization. All courses must be chosen from the same specialization.

Accounting

- ACCT 1514 - Financial Accounting¹
- * ACCT 1523 - Managerial Accounting
- * ACCT 2613 - Intermediate Accounting
- * ACCT 2753 - Cost Accounting
- * COSC 1372 - Excel

Marketing/Management

- MKTG 1253 - Sales & Customer Service
- MKTG 2063 - Fundamentals of Advertising
- BSNS 2113 - Small Business Management or BSNS 1373 - Personal Finance
- BSNS 2213 - Human Resource Management

Supply Chain Management

- TWDL 1003 - Transportation & Physical Distribution
- TWDL 1103 - Supply Chain Management
- TWDL 1203 - Introduction to Import/Export
- TWDL 1303 - Principles of Operations Management
- TWDL 1402 - Transportation & Cargo Security

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 61

*Course has prerequisite.

¹ACCT 1514 does not have to be repeated within the specialization if it is completed as a Business Core Course.

Advanced Certificate in Business – BSNS.CRT.C56

The Business certificate curricula is designed to prepare students for entry-level employment in the field of management. It also will appeal to current managers who desire to enhance their skills and certify their competence. In addition, it provides an excellent foundation for those interested in starting a small business. Credit earned in the completion of this certificate will apply toward an Associate in Applied Science Degree in Business.

Advanced Certificate Major (10 courses)

Credit hours: 30

- ACCT 1413 - General Accounting or ACCT 1514 - Financial Accounting
- BSNS 1553 - Introduction to Business
- *BSNS 1603 - Business Communications
- BSNS 1653 - Business Law or BSNS 1663 Legal and Social Environment of Business
- BSNS 2113 - Small Business Management or BSNS 1373 - Personal Finance
- BSNS 2213 - Human Resource Management
- *BSNS 2423 - Internship Experience or BSNS 2413 - Management Field Project
- BSNS 2553 - Principles of Management
- COSC 1513 - Introduction to Information Processing
- MKTG 1553 - Principles of Marketing

Business

Advanced certificate

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
ACCT 1413 or ACCT 1514	3-4
COSC 1513	3
MKTG 1553	3
BSNS 1553	3
BSNS 2553	3
Spring semester	
*BSNS 1603	3
BSNS 1653 or BSNS 1663	3
BSNS 2113	3
BSNS 2213	3
Summer session	
BSNS 2423 or BSNS 2413	3

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 30
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*Course has prerequisite.

Certificate in Accounting I

Curriculum code: C59A

It is possible for a student to take a small grouping of courses which, taken as a unit, may satisfy requirements for a particular position within the accounting field. The student may make written application to the Office of Admissions and Registration to receive written verification of completion of this certificate program.

Accounting Certificate I (5 courses)

Credit hours: 15

- ACCT 1514 - Financial Accounting
- *ACCT 1523 - Managerial Accounting
- *ACCT 2613 - Intermediate Accounting
- *ACCT 2753 - Cost Accounting
- *COSC 1372 - Excel

*Course has prerequisite.

Certificate in Accounting II

Curriculum code: C59B

The accounting certificate program is designed for the student who desires to work as an assistant to an accounting professional. Satisfactory completion of this program will provide an appropriate background for entry-level employment as a bookkeeper, payroll clerk, or accounting assistant.

Accounting Certificate II (9 courses)

Credit hours: 27

- ACCT 1514 - Financial Accounting
- *ACCT 1523 - Managerial Accounting
- *ACCT 2613 - Intermediate Accounting
- *ACCT 2753 - Cost Accounting
- BSNS 1553 - Introduction to Business
- *BSNS 1603 - Business Communications
- *BSNS 2423 - Internship Experience
- *COSC 1372 - Excel
- *COSC 1513 - Introduction to Information Processing

*Course has prerequisite.

Certificate in Business

Curriculum code: C56A

It is possible for a student to take a small grouping of courses which, taken as a unit, may satisfy requirements for a particular position within the business field. The student may make written application to the Office of Admissions and Registration to receive written verification of completion of this certificate program.

Business (15 credit hours)

Credit hours: 15

- BSNS 1553 - Introduction to Business
- *BSNS 1603 - Business Communications
- BSNS 2213 - Human Resource Management
- BSNS 2553 - Principles of Management
- MKTG 1553 - Principles of Marketing

**Child Development –
Director/Administrator Option**
Associate in Applied Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
CDEV 1513	3
CDEV 2533	3
*SPCH 1553	3
COMP 1521	1
*ENGL 1413	3
*PSYC 1813	3
Spring semester	
BSNS 1553	3
BSNS 2143	3
*ENGL 1613	3
*CDEV 2523	3
Psychology course	3
Fall semester	
*CDEV 2543	3
*CDEV 2363	3
ACCT 1413 or ACCT 1514	3-4
*BSNS 1603	3
Spring semester	
*EDUC 1833	3
*CDEV 2633	3
BSNS 2113	3
*BSNS 2213	3
*Child Development elective	3
Humanities, Social and Behavioral Science, Science or Mathematics course	3
Summer session	
*CDEV 2403	3

**CHILD DEVELOPMENT
PROGRAM REQUIREMENTS**

Basic laboratory experience is required in many child development courses within the program. Specific tasks performed in the lab setting will vary according to skills, interests, and course requirements. Prior to initiating lab assignments and projects, Child Development students must meet the requirements for staff in child care facilities as outlined by the Illinois Department of Children and Family Services Child Care Facility Regulations: (1) must have a high school diploma or its equivalent; (2) must be able to pass a DCFS criminal background check; (3) must have a completed health form; and (4) must have a signed mandated reporter form on file. It is the student's responsibility to make sure all program requirements are current and on file with the program coordinator.

**Child Development –
Director/Administrator Option**

Associate in Applied Science Degree – CDEV.AAS.C09

The director/administrator option in the Child Development associate degree program is designed to provide individuals with skills in caring for children and business management necessary to assume the role of child care teacher, director, administrator, or program manager with a wide variety of options for specialization. Students must be at least 19 years of age upon completion of the program to be qualified as a child care worker and 21 years of age to be a child care center director, according to Department of Children and Family Services regulations. (See other program requirements on this page.) This degree typically is not designed for transfer

Child Development Major (15 courses)

Credit hours: 43

Complete all four sub-requirements:

1. Child development courses - 24 credit hours
 - CDEV 1513 - Child Growth/Development
 - *CDEV 2523 - Intro. to Early Childhood Education
 - *CDEV 2363 - Administration in Child Care Settings
 - *CDEV 2403 - Clinical Experience
 - CDEV 2533 - Early Childhood Curriculum Development
 - *CDEV 2543 - Child Study and Observation
 - *CDEV 2633 - Health, Nutrition and Safety
 - *EDUC 1833 - Students with Disabilities
2. Business courses - 15 credit hours
 - BSNS 1553 - Introduction to Business
 - BSNS 2143 - Human Relations in Business
 - *BSNS 1603 - Business Communications
 - BSNS 2113 - Small Business Management
 - BSNS 2213 - Human Resource Management
3. Accounting courses - 3 credit hours
 - CHOOSE ONE course from the following two options:
 - ACCT 1413 - General Accounting
 - ACCT 1514 - Financial Accounting
4. Computer course - 1 credit hour
 - COMP 1521 - Computer Literacy

Child development electives (1 course)

Credit hours: 3

CHOOSE ONE course from the following 11 options:

- *CDEV 2013 - History and Philosophy of Early Childhood Education
- *CDEV 2103 - School-Aged Programming
- *CDEV 2513 - Child, Family and Community Relations
- *CDEV 2153 - Developmentally Appropriate Infant/Toddler Care
- *CDEV 2163 - Discipline/Classroom Management
- *CDEV 2223 - Art/Music Activities
- *CDEV 2233 - Language Acquisition and Development
- *CDEV 2243 - Science/Math Activities
- *CDEV 2253 - Motor Development/Physical Activities
- CDEV 2263 - Heads Up! Reading
- *CDEV 2363 - Administration in Child Care Settings

General Education (5 courses)

Credit hours: 15

Complete both sub-requirements:

1. Communications - 9 credit hours
 - *SPCH 1553 - Introductory Speech
 In addition, CHOOSE TWO courses from the following three options:
 - *ENGL 1413 - Fundamentals of Writing
 - *ENGL 1613 - English I
 - *ENGL 1623 - English II
2. Psychology - 6 credit hours
 - *PSYC 1813 - Introduction to Psychology
 In addition, CHOOSE ONE course with a PSYC prefix.

**Humanities, social and behavioral science,
science, or mathematics elective (1 course)**

Credit hours: 3

CHOOSE ONE humanities, social and behavioral science, science, or mathematics elective (see Page 64).

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

Child Development – Education Option

Associate in Applied Science Degree – CDEV.AAS.C10

The education option in the Child Development associate degree program is designed to provide individuals with the theoretical background and practical skills necessary to assume various roles and responsibilities in the child care profession. The student, depending on individual interests and career objectives, may pursue a wide variety of options including child care, teaching, program administration, nanny training, family day care home management, Child Development Associate (CDA) training, infant/toddler care, school-aged care, and assistant in a child care or public/private school setting. Students must be at least 19 years of age upon completion of the program to be qualified as a child care worker and 21 years of age to be a child care center director, according to Department of Children and Family Services regulations. (See other program requirements on this page.) KCC also offers a Paraprofessional Educator/Teacher's Aide program. See Page 106. Students should see the Child Development program coordinator to determine which program best suits their needs. This degree typically is not designed for transfer.

Child Development Major (14 courses)

Credit hours: 40

Complete both sub-requirements:

1. Child development courses - 39 credit hours
 - CDEV 1513 - Child Growth/Development
 - *CDEV 2013 - History and Philosophy of Early Childhood Education
 - *CDEV 2163 - Discipline/Classroom Management
 - *CDEV 2223 - Art/Music Activities
 - *CDEV 2233 - Language Acquisition and Development
 - *CDEV 2243 - Science/Math Activities
 - *CDEV 2253 - Motor Development/Physical Activities
 - *CDEV 2403 - Clinical Experience
 - *CDEV 2513 - Child, Family and Community Relations
 - *CDEV 2523 - Intro. to Early Childhood Education
 - CDEV 2533 - Early Childhood Curriculum Development
 - *CDEV 2543 - Child Study and Observation
 - *CDEV 2633 - Health, Nutrition and Safety
2. Computer course - 1 credit hour
 - COMP 1521 - Computer Literacy

Electives (2 courses)

Credit hours: 6

CHOOSE TWO courses from the following five options:

- *CDEV 2103 - School-Aged Programming
- *CDEV 2153 - Developmentally Appropriate Infant/Toddler Care
- CDEV 2263 - Heads Up! Reading
- *CDEV 2363 - Administration in Child Care Settings
- *EDUC 1833 - Students with Disabilities

General Education (5 courses)

Credit hours: 15

Complete both sub-requirements:

1. Communications - 9 credit hours
 - *SPCH 1553 - Introductory Speech
 In addition, CHOOSE TWO courses from the following four options:
 - *ENGL 1413 - Fundamentals of Writing
 - *ENGL 1613 - English I
 - *ENGL 1623 - English II
 - *BSNS 1603 - Business Communications
2. Psychology - 6 credit hours
 - *PSYC 1813 - Introduction to Psychology
 In addition, CHOOSE ONE course with a PSYC prefix.

Humanities, social and behavioral science, science, or mathematics elective (1 course)

Credit hours: 3

CHOOSE ONE humanities, social and behavioral science, science, or mathematics elective (see Page 64).

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

Child Development – Education Option

Associate in Applied Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
CDEV 1513	3
CDEV 2533	3
*CDEV 2163	3
COMP 1521	1
*ENGL 1413	3
*PSYC 1813	3
Spring semester	
*CDEV 2513	3
*CDEV 2523	3
*ENGL 1613	3
*SPCH 1553	3
Psychology course	3
Fall semester	
*CDEV 2013	3
*CDEV 2633	3
*CDEV 2223	3
*CDEV 2233	3
*CDEV 2253	3
Spring semester	
*CDEV 2543	3
*CDEV 2243	3
Electives	6
Humanities, Social and Behavioral Science, Science, or Mathematics course	3
Summer session	
*CDEV 2403	3

CHILD DEVELOPMENT PROGRAM REQUIREMENTS

Basic laboratory experience is required in many child development courses within the program. Specific tasks performed in the lab setting will vary according to skills, interests, and course requirements. Prior to initiating lab assignments and projects, Child Development students must meet the requirements for staff in child care facilities as outlined by the Illinois Department of Children and Family Services Child Care Facility Regulations: (1) must have a high school diploma or its equivalent; (2) must be able to pass a DCFS criminal background check; (3) must have a completed health form; and (4) must have a signed mandated reporter form on file. It is the student's responsibility to make sure all program requirements are current and on file with the program coordinator.

**Child Development –
Education Option
Advanced Certificate**

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
CDEV 1513	3
*CDEV 2633	3
*CDEV 2163	3
*CDEV 2233	3
*CDEV 2523	3
Spring semester	
CDEV 2533	3
*CDEV 2543	3
*CDEV 2123	3
SPCH 1553	3
*PSYC 1813	3
Elective	3

Advanced Certificate in Child Development – Education Option – CDEV.CRT.C58

The certificate program for the education option in Child Development is designed to provide students with practical skills necessary for entry into the field of caring for young children. Students completing the program will be prepared to assist teachers in child care settings. Students must be at least 19 years of age with one year (1,560 clock hours) in a licensed day care facility upon program completion to be qualified as a child care worker, according to Department of Children and Family Services regulations.

Child Development – Education Option Certificate Major (9 courses) Credit hours: 27

Complete both sub-requirements:

1. Child Development courses - 24 credit hours

- CDEV 1513 - Child Growth & Development
- *CDEV 2163 - Discipline/Classroom Management
- *CDEV 2233 - Language Acquisition & Development
- *CDEV 2513 - Child, Family, and Community Relations
- *CDEV 2523 - Intro. to Early Childhood Education
- CDEV 2533 - Early Childhood Curriculum Development
- *CDEV 2543 - Child Study & Observation
- *CDEV 2633 - Health, Nutrition & Safety

2. Elective - 3 credit hours

CHOOSE ONE course from the following nine options:

- *CDEV 2013 - History & Philosophy of Early Childhood Education
- *CDEV 2103 - School-Aged Programming
- *CDEV 2153 - Developmentally Appropriate Infant/Toddler Care
- *CDEV 2223 - Art/Music Activities
- *CDEV 2243 - Science/Math Activities
- *CDEV 2253 - Motor Development/Physical Activities
- CDEV 2263 - Heads Up! Reading
- *CDEV 2363 - Administration in Child Care Settings
- *EDUC 1833 - Students with Disabilities

General Education (2 courses) Credit hours: 6

- SPCH 1553 - Introductory Speech
- *PSYC 1813 - Introduction to Psychology

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 33

*Course has prerequisite.



Computer-Aided Drafting
Associate in Applied Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
CNST 1413	3
DRFT 1154	4
*DRFT 2114	4
*PSCI 1514	4
DSGN 1113	3
Spring semester	
COSC 1513	3
*DRFT 2124	4
ELTR 1402	2
*ENGL 1413	3
*MATH 1123	3
Fall semester	
*DRFT 2134	4
DSGN 1123	3
*DRFT 2414	4
MCHN 1214	4
MCHN 1311	1
Spring semester	
*BSNS 1603	3
*CNST 1444	4
*DRFT 2164	4
*SOCY 2513	3
Technical elective(s)	3

ADDITIONAL PROGRAM INFORMATION

A transfer agreement with at least one four-year college or university exists for this A.A.S. program. Students should consult an advisor for more information.

Computer-Aided Drafting

Associate in Applied Science Degree – DRFT.AAS.C42

The Computer-Aided Drafting curriculum is designed to develop within the student the practical skills necessary to enter the rapidly expanding field of CAD (Computer-Aided Drafting). Drafting skills are taught for various fields of expertise. Computer-Aided Drafting graduates are generally prepared to enter computer-aided drafting programs at selected colleges and universities with junior status.

Computer-Aided Drafting Core (13 courses)

Credit hours: 47

- DRFT 1154 - Technical Drafting & Print Reading
- * DRFT 2114 - Computer-Aided Drafting I
- * DRFT 2124 - Computer-Aided Drafting II
- * DRFT 2134 - Computer-Aided Drafting III
- * DRFT 2164 - Technical Illustration
- * DRFT 2414 - Architectural Drafting
- CNST 1413 - Introduction to Building Construction
- * CNST 1444 - Surveying with Civil Applications
- COSC 1513 - Introduction to Information Processing
- DSGN 1113 - Digital Photography
- DSGN 1123 - Introduction to Web Design
- ELTR 1402 - Industrial Safety
- MCHN 1214 - Machine Tool I
- MCHN 1311 - Precision Measurement

General Education (5 courses)

Credit hours: 16

Complete all four sub-requirements:

1. Communications¹ - 6 credit hours
 - * ENGL 1413 - Fundamentals of Writing
 - * BSNS 1603 - Business Communications
2. Mathematics² course - 3 credit hours
 - * MATH 1123 - Technical Mathematics II
3. Physical Science course - 4 credit hours
 - * PSCI 1514 - Introduction to Physical Science
4. Social Science course - 3 credit hours
 - SOCY 2513 - Sociology

Technical Elective (1-3 courses)

Credit hours: 3

CHOOSE THREE (3) CREDIT HOURS of technical electives. Any course from the prefixes AIRC, AUTO, CNST, COSC, DSGN, ELTR, MCHN and WELD may be selected.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 66

*Course has prerequisite.

¹For transfer students, a higher level English course may be substituted.

²For transfer students, a higher level mathematics course may be substituted.

Certificate in Computer-Aided Drafting

Curriculum code: C96E

The Computer-Aided Drafting certificate curriculum is designed to develop within the student the practical skills necessary for entry into the rapidly expanding field of computer-aided drafting (CAD). Drafting skills are taught for various fields of expertise.

Required courses: (6 courses)

Credit hours: 24

- DRFT 1154 - Technical Drafting & Print Reading
- * DRFT 2114 - Computer-Aided Drafting I
- * DRFT 2124 - Computer-Aided Drafting II
- * DRFT 2134 - Computer-Aided Drafting III
- * DRFT 2164 - Technical Illustration
- * DRFT 2414 - Architectural Drafting

*Course has prerequisite.

Computer-Aided Drafting Certificate

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
DRFT 1154	4
*DRFT 2114	4
Spring semester	
*DRFT 2124	4
Fall semester	
*DRFT 2134	4
*DRFT 2414	4
Spring semester	
*DRFT 2164	4

Certificate options in Computer-Aided Drafting

It is possible for a student to take a small grouping of courses, which, taken as a unit, may satisfy requirements for a particular position within the field of Computer-Aided Drafting. The student may submit a written application to the Office of Admissions and Registration to receive written verification of completion of the certificate program.

Credit hours

Technical Drafting (8 hours)

Curriculum code: C96A

- DRFT 1154 - Technical Drafting & Print Reading 4
- * DRFT 2114 - Computer-Aided Drafting I 4

Mechanical Drafting (16 hours)

Curriculum code: C96B

- DRFT 1154 - Technical Drafting & Print Reading 4
- * DRFT 2114 - Computer-Aided Drafting I 4
- * DRFT 2124 - Computer-Aided Drafting II 4
- * DRFT 2134 - Computer-Aided Drafting III 4

Architectural Drafting (16 hours)

Curriculum code: C96C

- DRFT 1154 - Technical Drafting & Print Reading 4
- * DRFT 2114 - Computer-Aided Drafting I 4
- * DRFT 2124 - Computer-Aided Drafting II 4
- * DRFT 2414 - Architectural Drafting 4

*Course has prerequisite.

Computer Graphic Design
Associate in Applied Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
ARTS 1503	3
ARTS 1513	3
DSGN 1113	3
DSGN 1213	3
*ENGL 1413	3
Spring semester	
*ARTS 1813	3
COSC 1513	3
DSGN 1123	3
*DSGN 1133	3
*MATH 1123	3
Technical elective	3
Fall semester	
*DSGN 1233	3
DSGN 1243	3
*PSCI 1514	4
Technical electives	6
Spring semester	
*BSNS 1603	3
DSGN 1223	3
*DSGN 1253	3
*SOCY 2513	3
Technical electives	6

Computer Graphic Design
Advanced Certificate

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
DSGN 1113	3
DSGN 1213	3
ARTS 1503	3
ARTS 1513	3
Spring semester	
DSGN 1123	3
*DSGN 1133	3
ARTS 1813	3
Fall semester	
*DSGN 1233	3
DSGN 1243	3
ARTS 2553	3
Spring semester	
DSGN 1223	3
*DSGN 1253	3
*ARTS 2563	3

Computer Graphic Design

Associate in Applied Science Degree – DSGN.AAS.V01

The Computer Graphic Design curriculum is designed to prepare students for careers in computer graphic design, graphic arts and graphic communications. This degree typically is not designed for transfer.

Technical core (12 courses)

- DSGN 1113 - Digital Photography
- DSGN 1123 - Introduction to Web Design
- DSGN 1133 - Package Design
- DSGN 1213 - Photoshop Digital Imaging
- *DSGN 1223 - Digital Motion Graphics
- *DSGN 1233 - Document Design
- DSGN 1243 - Computer Illustration
- *DSGN 1253 - Portfolio Development
- ARTS 1503 - Basic Drawing
- ARTS 1513 - Two-Dimensional Design
- *ARTS 1813 - Three-Dimensional Design
- COSC 1513 - Introduction to Information Processing

Credit hours: 36

Technical Electives (4-6 courses)

CHOOSE 15 CREDIT HOURS of technical electives from the following list:

- ARTS 2553 - Photography
- *ARTS 2563 - Photography II
- *BSNS 2423 - Internship Experience
- BSNS 1553 - Introduction to Business
- *DRFT 2114 - Computer-Aided Drafting I
- *DRFT 2124 - Computer-Aided Drafting II
- *DRFT 2134 - Computer-Aided Drafting III
- *DRFT 2164 - Technical Illustration
- *COSC 1341 - PowerPoint
- MKTG 1553 - Principles of Marketing
- MKTG 2063 - Fundamentals of Advertising

Credit hours: 15

General Education (5 courses)

Complete all four sub-requirements:

1. Communications - 6 credit hours required
 - *ENGL 1413 - Fundamentals of Writing
 - *BSNS 1603 - Business Communications
2. Mathematics - 3 credit hours required
 - *MATH 1123 - Technical Mathematics II
3. Physical Science - 4 credit hours required
 - *PSCI 1514 - Introduction to Physical Science
4. Social Science - 3 credit hours required
 - *SOCY 2513 - Sociology

Credit hours: 16

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 67

* Course has prerequisite.

Advanced Certificate in Computer Graphic Design – DSGN.CRT.V51

Upon completion of this program, the graduate is prepared for all of the technical aspects needed for entry in the field of computer graphic design.

Required courses (13 courses)

Complete both sub-requirements:

1. Desktop Publishing courses - 24 credit hours
 - DSGN 1113 - Digital Photography
 - DSGN 1123 - Introduction to Web Design
 - DSGN 1133 - Package Design
 - DSGN 1213 - Photoshop Digital Imaging
 - *DSGN 1223 - Digital Motion Graphics
 - *DSGN 1233 - Document Design
 - DSGN 1243 - Computer Illustration
 - *DSGN 1253 - Portfolio Development
2. Art/computer courses - 15 credit hours
 - ARTS 1503 - Basic Drawing
 - ARTS 1513 - Two-Dimensional Design
 - ARTS 1813 - Three-Dimensional Design
 - ARTS 2553 - Photography
 - *ARTS 2563 - Photography II

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 39

* Course has prerequisite.

Construction Craft Laborer

Advanced Certificate – LABR.CRT.C92

The Construction Craft Laborer certificate is earned in cooperation with the district's trade union training centers in Illinois. The student will earn credit for the certificate courses while attending courses at specific training facilities and learning the various skills that are required.

Construction Craft Laborer (11 courses)

Credit hours: 35

- LABR 1103 - Craft Orientation
- LABR 1123 - Practices & Procedures of Mason Tending
- LABR 1142 - Concrete Practice Fundamentals
- LABR 1163 - Asphalt Technology & Construction
- LABR 2113 - Lead Base Paint Abatement
- LABR 2133 - Principles of Pipelaying
- LABR 2213 - Landscaping Maintenance
- LABR 2233 - Blueprint Reading
- LABR 2313 - Basic Construction Surveying
- LABR 2333 - Bridge Construction, Renovation, & Demolition
- LABR 2416 - Laborers/AGC Hazardous Waste Worker Training Program

General education (3-6 courses)

Credit hours: 9

- Electives¹ - General education (6 credit hours)
- BSNS 2423 - Internship Experience

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 44
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*Course has prerequisite.

¹Students may select from one of the following: Business Electives (as listed on Pages 64-65) and/or courses with a prefix of CNST, DRFT, ENGR, MCHN, WELD, COSC, or ELTR.

Certificate option in Construction Craft Laborer

This program is designed for those who have been accepted into the Illinois Laborer's and Contractor's Construction Craft Laborer Apprenticeship and Training Program. It includes 280 hours of apprenticeship training. Students seeking admission must meet the admissions requirements of KCC and the Bureau of Apprenticeship Training, U.S. Department of Labor. The student may make written application to the Office of Admissions and Registration to receive written verification of completion of the certificate program.

Concrete Specialist (10 hours)

Credit hours

Curriculum code: C92A

- | | |
|--|---|
| * LABR 1142 - Concrete Practice Fundamentals | 2 |
| * LABR 1213 - Concrete Apprenticeship I | 3 |
| * LABR 1223 - Forming and Finishing Concrete | 3 |
| * LABR 1232 - Concrete Apprenticeship II | 2 |

*Course has prerequisite.

PROGRAM NOTE

Work with your trade union's training center to develop the sequence to complete this certificate.

Construction Management
Associate in Applied Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
CNST 1413	3
CNST 1423	3
DRFT 1154	4
ELTR 1064	4
*ENGL 1413	3
Spring semester	
*CNST 1444	4
COSC 1513	3
*ELTR 1174	4
ELTR 1402	2
*MATH 1123	3
Fall semester	
AIRC 1014	4
BSNS 2553	3
*CNST 2423	3
CNST 2433	3
*PSCI 1514	4
Spring semester	
*BSNS 1603	3
*CNST 2413	3
CNST 2443	3
*CNST 2453	3
*SOCY 2513	3

Construction Management

Associate in Applied Science Degree – CNST.AAS.C43

The Construction Management program gives the student fundamental knowledge of the residential and light-commercial construction industry. Principles, practices, and estimating processes will be covered to prepare the student for entry into the field of Construction Management. Construction Management graduates are generally prepared to enter construction programs at selected colleges and universities with junior status.

Construction Management Core (14 courses)

Credit hours: 45

- CNST 1413 - Introduction to Building Construction
- CNST 1423 - Construction Materials & Methods
- * CNST 1444 - Surveying with Civil Applications
- * CNST 2413 - Mechanical Systems for Buildings
- * CNST 2423 - Masonry Skills
- * CNST 2433 - Estimating and Bidding
- CNST 2443 - Building Codes and Inspection
- * CNST 2453 - Professional Practice
- COSC 1513 - Introduction to Information Processing
- DRFT 1154 - Technical Drafting & Print Reading
- ELTR 1064 - Fundamentals of Electricity¹
- * ELTR 1174 - National Electric Code and Wiring Methods
- ELTR 1402 - Industrial Safety
- BSNS 2553 - Principles of Management

General Education (5 courses)

Credit hours: 16

Complete all four sub-requirements:

1. Communications² courses - 6 credit hours
 - * ENGL 1413 - Fundamentals of Writing
 - * BSNS 1603 - Business Communications
2. Mathematics³ course - 3 credit hours
 - * MATH 1123 - Technical Mathematics II
3. Physical Science course - 4 credit hours
 - * PSCI 1514 - Introduction to Physical Science
4. Social Science course - 3 credit hours
 - * SOCY 2513 - Sociology

Technical Elective (1 course)

Credit hours: 4

- AIRC 1014 - Fundamentals of Air Conditioning

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 65

*Course has prerequisite.

¹Those who have completed ELTR 1014 or both ELTR 1062 and ELTR 1072 will not be required to take ELTR 1064.

²For transfer students, a higher level English course may be substituted.

³For transfer students, a higher level mathematics course may be substituted.

Advanced Certificate in Construction Management – CNST.CRT.C93

Upon completion of this program, students are prepared for entry into the area of construction management.

Required courses: (11 courses)

- CNST 1413 - Introduction to Building Construction
- CNST 1423 - Construction Materials & Methods
- *CNST 1444 - Surveying with Civil Applications
- *CNST 2413 - Mechanical Systems for Buildings
- *CNST 2423 - Masonry Skills
- *CNST 2433 - Estimating & Bidding
- CNST 2443 - Building Codes & Inspection
- *CNST 2453 - Professional Practice
- DRFT 1154 - Technical Drafting and Print Reading
- ELTR 1064 - Fundamentals of Electricity¹
- ELTR 1402 - Industrial Safety

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 35

*Course has prerequisite.

¹Those who have completed ELTR 1014 or both ELTR 1062 and ELTR 1072 will not be required to take ELTR 1064.

Certificate Options in Construction Management

It is possible for a student to take a small grouping of courses, which, taken as a unit, may satisfy requirements for a particular position within the construction field. The student may submit a written application to the Office of Admissions and Registration to receive written verification of completion of the certificate program.

Please note: The Materials and Methods certificate is required before completion of the certificate in Building Systems.

	Credit hours
Materials and Methods (6 hours)	
Curriculum code: C93A	
CNST 1413 - Introduction to Building Construction	3
CNST 1423 - Construction Materials & Methods	3
Building Systems (10 hours)	
Curriculum code: C93B	
*CNST 2413 - Mechanical Systems for Building	3
CNST 2423 - Masonry Skills	3
*ELTR 1174 - National Electric Code and Wiring Methods	4

*Course has prerequisite.

Construction Management Advanced Certificate

SUGGESTED COURSE SEQUENCE

	Credit hours
Fall semester	
CNST 1413	3
CNST 1423	3
ELTR 1064	4
Spring semester	
*CNST 1444	4
ELTR 1402	2
Fall semester	
*CNST 2423	3
CNST 2433	3
DRFT 1154	4
Spring semester	
*CNST 2413	3
*CNST 2443	3
Summer term	
*CNST 2453	3

Electrical Technology

Associate in Applied Science Degree - ELTR.AAS.C39

The Electrical Technology program prepares students to construct, install, maintain, troubleshoot, and repair electrical circuits and systems. Basic knowledge, fundamental skills and industry standards will be emphasized as students learn to work in the field of electrical technology. All degree-seeking students in this program take the same common core of freshman-level courses; however, four specializations are offered for students to develop skills in a specific area of interest. The four specialization tracks are: Industrial Electrical Technology, Industrial Instrumentation and Process Control, Industrial Machinery Maintenance, and Renewable Energy Technology. Students will be required to purchase a minimum set of components and/or tools in some courses. Electrical Technology graduates are generally prepared to enter electrical technology programs at selected colleges and universities with junior status.

PROGRAM NOTE:

Each specialization track has similar courses to take during the first and second semester. Program sequences for each specialization are listed after its requirements.

Electrical Technology core courses (7 courses)

Credit hours: 24

- * ELTR 1024 - Basic Circuit Analysis
- ELTR 1034 - Fluid Power
- ELTR 1064 - Fundamentals of Electricity¹
- * ELTR 1114 - Digital Fundamentals
- ELTR 1402 - Industrial Safety
- ELTR 1423 - Electrical/Electronic Drafting
- COSC 1513 - Introduction to Information Processing

General Education courses (5 courses)

Credit hours: 16

- * ENGL 1413 - Fundamentals of Writing²
- * BSNS 1603 - Business Communications²
- * MATH 1123 - Technical Mathematics II³
- * PSCI 1514 - Introduction to Physical Science
- * SOCY 2513 - Sociology

¹ Those who have completed ELTR 1014 or both ELTR 1062 and ELTR 1072 will not be required to take ELTR 1064.

² For transfer students, a higher level English course may be substituted.

³ For transfer students, a higher level mathematics course may be substituted.

Specialization track (7-8 courses)

Credit hours: 26-31

CHOOSE ONE of the following tracks. All courses must come from the same specialization.

TRACK 1: Industrial Electrical Technology

- * ELTR 1044 - Semiconductor Electronics
- * ELTR 1174 - National Electric Code & Wiring Methods
- * ELTR 2074 - DC & AC Rotating Machines
- * ELTR 2414 - Industrial Motor Controls
- * ELTR 2444 - Industrial Programmable Controllers & Robotics
- * MATH 2113 - Technical Mathematics III
- Technology Elective

TRACK 2: Industrial Instrumentation and Process Control

(Pending approval)

- * ELTR 1044 - Semiconductor Electronics
- * ELTR 2074 - DC & AC Rotating Machines and Drive Trains
- * ELTR 2414 - Industrial Motor Control
- * ELTR 2444 - Industrial Programmable Controllers & Robotics
- * ELTR 2454 - Industrial Instrumentation
- * ELTR 2464 - Process Control
- * ELTR 2474 - Advanced PLC
- * MATH 2113 - Technical Mathematics III

Suggested course sequence –

Industrial Electrical Technology specialization

Fall semester (first year)		Fall semester (second year)	
ELTR 1064	4	*PSCI 1514	4
ELTR 1423	3	*MATH 2113	3
* ENGL 1413	3	* ELTR 1044	4
ELTR 1034	4	* ELTR 2414	4
		Technical Elective	3
Spring semester (first year)		Spring semester (second year)	
COSC 1513	3	* BSNS 1603	3
ELTR 1402	2	* SOCY 2513	3
* MATH 1123	3	* ELTR 2074	4
* ELTR 1114	4	* ELTR 2444	4
* ELTR 1024	4	* ELTR 1174	4

MINIMUM CREDIT HOURS FOR COMPLETION - 66

Suggested course sequence –

Industrial Instrumentation and Process Control specialization

Fall semester (first year)		Fall semester (second year)	
ELTR 1064	4	* MATH 2113	3
ELTR 1423	3	* ELTR 1044	4
* ENGL 1413	3	* ELTR 2414	4
ELTR 1034	4	* ELTR 2454	4
Spring semester (first year)		Spring semester (second year)	
COSC 1513	3	* BSNS 1603	3
ELTR 1402	2	* SOCY 2513	3
* MATH 1123	3	* ELTR 2074	4
* ELTR 1114	4	* ELTR 2444	4
* ELTR 1024	4	* ELTR 2464	4
* PSCI 1514	4		
		Summer semester (second year)	
		* ELTR 2474	4

MINIMUM CREDIT HOURS FOR COMPLETION - 71

TRACK 3: Industrial Machinery Maintenance

AIRC 1014 - Fundamentals of Air Conditioning
 *ELTR 2074 - DC & AC Rotating Machines and Drive Trains
 *ELTR 2414 - Industrial Motor Control
 MCHN 1214 - Machine Tool I
 WELD 1114 - Basic Welding
 WELD 2124 - Tungsten Inert Gas Welding
 WELD 2224 - Metallic Inert Gas Welding

Suggested course sequence – Industrial Machinery Maintenance specialization

Fall semester (first year)		Fall semester (second year)	
ELTR 1064	4	MCHN 1214	4
ELTR 1423	3	WELD 2124	4
*ENGL 1413	3	*ELTR 2414	4
ELTR 1034	4	AIRC 1014	4
WELD 1114	4		
Spring semester (first year)		Spring semester (second year)	
COSC 1513	3	*BSNS 1603	3
ELTR 1402	2	*SOCY 2513	3
*MATH 1123	3	*ELTR 2074	4
*ELTR 1114	4	WELD 2224	4
*ELTR 1024	4	*PSCI 1514	4

MINIMUM CREDIT HOURS FOR COMPLETION - 68
TRACK 4: Renewable Energy Technology

*ELTR 1044 - Semiconductor Electronics
 *ELTR 1174 - National Electric Code & Wiring Methods
 *ELTR 2074 - DC & AC Rotating Machines and Drive Trains
 *ELTR 1223 - Survey of Renewable Energy Technologies
 *ELTR 2314 - Intro to Solar-Thermal Technology
 *ELTR 2324 - Intro to Small-Wind Energy Tech
 *ELTR 2334 - Intro to Solar-Photovoltaic Tech
 *MATH 2113 - Technical Mathematics III

Suggested course sequence – Renewable Energy Technology specialization

Fall semester (first year)		Fall semester (second year)	
ELTR 1064	4	*PSCI 1514	4
ELTR 1423	3	*MATH 2113	3
*ENGL 1413	3	*ELTR 1044	4
ELTR 1034	4	*ELTR 2334	4
*ELTR 1223	3	*ELTR 2314	4
Spring semester (first year)		Spring semester (second year)	
COSC 1513	3	*BSNS 1603	3
ELTR 1402	2	*SOCY 2513	3
*MATH 1123	3	*ELTR 2074	4
*ELTR 1114	4	*ELTR 2324	4
*ELTR 1024	4	*ELTR 1174	4

MINIMUM CREDIT HOURS FOR COMPLETION - 70
**Electrical Technology
Advanced Certificate****SUGGESTED COURSE SEQUENCE**

Fall semester	Credit hours
ELTR 1034	4
ELTR 1064	4
Spring semester	
*ELTR 1024	4
*ELTR 1114	4
ELTR 1402	2
Fall semester	
ELTR 1423	3
*ELTR 2414	4
Spring semester	
*ELTR 1174	4
*ELTR 2074	4
*ELTR 2444	4

Advanced Certificate Industrial Electrical Technology – ELTR.CRT.C87

Upon completion of this program, the graduate is technically prepared for entry into the areas of electrical maintenance and repair.

Required courses (10 courses)

*ELTR 1024 - Basic Circuit Analysis
 ELTR 1034 - Fluid Power
 ELTR 1064 - Fundamentals of Electricity¹
 *ELTR 1114 - Digital Fundamentals
 *ELTR 1174 - National Electric Code & Wiring Methods
 ELTR 1402 - Industrial Safety
 ELTR 1423 - Electrical/Electronic Drafting
 *ELTR 2074 - DC & AC Rotating Machines & Drive Trains
 *ELTR 2414 - Industrial Motor Control
 *ELTR 2444 - Industrial Programmable Controllers & Robotics

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 37

*Course has prerequisite.

¹Those who have completed ELTR 1014 or both ELTR 1062 and ELTR 1072 will not be required to take ELTR 1064.

Certificate Options in Electrical Technology

It is possible for a student to take a small grouping of courses, which, taken as a unit, may satisfy requirements for a particular position within the electrical technology field. The student may submit a written application to the Office of Admissions and Registration to receive written verification of completion of the certificate program.

Credit hours

Industrial Motor Controls (14 hours)

Curriculum code: C87A

ELTR 1064 - Fundamentals of Electricity ¹	4
ELTR 1402 - Industrial Safety	2
* ELTR 2074 - DC & AC Rotating Machines & Drivetrains	4
* ELTR 2414 - Industrial Motor Control	4

Pneumatic and Hydraulic Power (14 hours)

Curriculum code: C32A

* ELTR 1034 - Fluid Power	4
ELTR 1064 - Fundamentals of Electricity ¹	4
ELTR 1402 - Industrial Safety	2
* MCHN 1214 - Machine Tool I	4

Programmable Logic Controllers (14 hours)

Curriculum code: C87B

ELTR 1064 - Fundamentals of Electricity ¹	4
ELTR 1402 - Industrial Safety	2
* ELTR 2414 - Industrial Motor Control	4
* ELTR 2444 - Industrial Programmable Controllers & Robotics	4

Residential and Industrial Wiring (14 hours)

Curriculum code: C87C

ELTR 1064 - Fundamentals of Electricity ¹	4
ELTR 1402 - Industrial Safety	2
* ELTR 1174 - National Electric Code & Wiring Methods	4
* ELTR 2414 - Industrial Motor Control	4

Entry-Level, Solar-Thermal Technology (21 hours)

Curriculum code: C39A

ELTR 1064 - Fundamentals of Electricity ¹	4
* ELTR 1223 - Survey of Renewable Energy	3
ELTR 1402 - Industrial Safety	2
* ELTR 2314 - Introduction to Solar-Thermal Technology	4
AIRC 1014 - Fundamentals of Air Conditioning	4
* AIRC 1214 - Heating Plants	4

Entry-Level, Small-Wind Energy Technology (21 hours)

Curriculum code: C39B

ELTR 1064 - Fundamentals of Electricity ¹	4
* ELTR 1174 - National Electric Code & Wiring Methods	4
* ELTR 1223 - Survey of Renewable Energy	3
ELTR 1402 - Industrial Safety	2
* ELTR 2074 - DC & AC Rotating Machines	4
* ELTR 2324 - Introduction to Small-Wind Energy Technology	4

Entry-Level, Solar-PV Technology (21 hours)

Curriculum code: C39C

ELTR 1064 - Fundamentals of Electricity ¹	4
* ELTR 1174 - National Electric Code & Wiring Methods	4
* ELTR 1223 - Survey of Renewable Energy	3
ELTR 1402 - Industrial Safety	2
* ELTR 2334 - Intro to Solar-Photovoltaic Tech	4
* ELTR 2414 - Industrial Motor Control	4

*Course has prerequisite.

¹Those who have completed ELTR 1014 or both ELTR 1062 and ELTR 1072 will not be required to take ELTR 1064.

Emergency Medical Technician – Basic (EMT-B)

Certificate

Curriculum code: C29A

This certificate course prepares individuals to take the state examination required for an entry-level position as an EMT-Basic (EMT-B). The EMT-B course serves as the foundation for continued studies as an Emergency Medical Technician, (see certificate programs on this and the following page) and as a Paramedic (see Associate in Applied Science degree options, Page 104). The student may make written application to the Office of Admissions and Registration to receive written verification of completion of the certificate program. Each student in this program must have a physical exam, criminal background check without any disqualifying convictions and a negative drug screen.

*PMED 1017 - Emergency Medical Technician—Basic ¹	Credit hours 7
Minimum credit hours required for completion:	7

*Course has prerequisite.

¹See “additional program information” at right.

Emergency Medical Technician – Intermediate (EMT-I)

Certificate

Curriculum code: PMED.CRT.C71

This certificate curriculum prepares individuals to take the state examination required for an entry-level position as an EMT-Intermediate (EMT-I). The student may make written application to the Office of Admissions and Registration to receive written verification of completion of the certificate program. Each student in this program must have a physical exam, criminal background check without any disqualifying convictions and a negative drug screen.

- * PEPC 1308 - Emergency Medical Technician—Intermediate I¹
- * PEPC 1318 - Emergency Medical Technician—Intermediate II
- * PEPC 1324 - Emergency Medical Technician—Intermediate III
- * PEPC 1343 - Emergency Medical Technician—Intermediate IV
- ELECTIVE - Two credit hour elective

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 25

*Course has prerequisite.

¹See “additional program information” at right.

Emergency Medical Technician – Paramedic (EMT-P)

Certificate

Curriculum code: PMED.CRT.C77

This certificate curriculum prepares individuals to take the state examination required for an entry-level position as an Emergency Medical Technician – Paramedic (EMT-P). Students completing a certificate in Emergency Medical Technician – Paramedic may elect to complete an Associate in Applied Science degree in Paramedic Supervision. The student may make written application to the Office of Admissions and Registration to receive written verification of completion of the certificate program. Each student in this program must have a physical exam, criminal background check without any disqualifying convictions and a negative drug screen.

- * PMED 2408 - Emergency Medical Technician – Paramedic I¹
- * PMED 2418 - Emergency Medical Technician – Paramedic II
- * PMED 2437 - Emergency Medical Technician – Paramedic III
- * PMED 2447 - Emergency Medical Technician – Paramedic IV

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 30

*Course has prerequisite.

¹See “additional program information” at right.

Associate degree in Paramedic

See Page 104.

Global Supply Chain Management

See Page 112.

ADDITIONAL PROGRAM INFORMATION

Before enrollment, the student must have appropriate assessment score; be CPR certified at the “Health Care Provider” level and have a GED certificate or official high school transcript showing graduation on file at KCC. High school seniors should consult their high school adviser for registration requirements. To sit for the IDPH EMT-B test, the student must be at least 18 years of age.

COURSE SEQUENCE

Fall semester	Credit hours
*PEPC 1308	8
*PEPC 1324	4
Spring semester	
*PEPC 1318	8
*PEPC 1343	3
Elective	2

ADDITIONAL PROGRAM INFORMATION

Before enrollment, the student must provide documentation of successful completion of PMED 1017 or the equivalent for college credit; and a current EMT-B license.

Emergency Medical Technician – Paramedic (EMT-P) Certificate

PROVENA ST. MARY’S OPTION COURSE SEQUENCE

Fall semester	Credit hours
*PMED 2408	8
Spring semester	
*PMED 2418	8
Interim and summer	
*PMED 2437	7
Fall semester	
*PMED 2447	7

RIVERSIDE MEDICAL CENTER OPTION COURSE SEQUENCE

Fall semester	Credit hours
*PMED 2408	8
*PMED 2437	7
Spring semester	
*PMED 2418	8
*PMED 2447	7

ADDITIONAL PROGRAM INFORMATION

Before enrollment, the student must have completed all PEPC courses with a minimum grade of C.

Horticulture
Associate in Applied Science

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
HORT 1014	4
HORT 1144	4
*ENGL 1413 or ENGL 1613	3
COSC 1513	3

Spring semester	
AGRC 1254	4
HORT 1023	3
*BIOL 1514	4
*SPCH 1553	3

Fall semester	
HORT 1173	3
HORT 1234	4
BSNS 1553	3
*MATH 1113	3
*ECON 1553	3

Spring semester	
HORT 1133	3
HORT 1154	4
HORT 1124	4
BSNS 2143	3
SPAN 1503	3

Summer	
*HORT 2423	3

Horticulture Technology

Associate in Applied Science Degree – HORT.AAS.V04

The Horticulture Technology program meets the needs of students entering the horticulture industry as well as those presently employed who wish to continue their professional growth. Besides providing horticultural knowledge and skills, the program emphasizes the business and management proficiencies necessary to compete successfully in the horticulture industry. This degree typically is not designed for transfer.

Technical courses (9 courses) Credit hours: 33

AGRC 1254 - Basic Soils	
HORT 1014 - Fundamentals of Horticulture	
HORT 1023 - Plant Propagation	
HORT 1124 - Horticultural Mechanics	
HORT 1133 - Plant Diseases and Insects	
HORT 1144 - Landscape Plants	
HORT 1154 - Landscape Layout and Design	
HORT 1173 - Greenhouse Operations	
HORT 1234 - Turf Management	

Work-Based learning (1 course) Credit hours: 3

* HORT 2423 - Horticulture Internship Experience

General Education (5 courses) Credit hours: 16

- * ECON 1553 - Principles of Macroeconomics
- * MATH 1113 - Technical Mathematics I
- * BIOL 1514 - General Biology
- CHOOSE TWO (2) communications courses from the following four options
 - * ENGL 1413 - Fundamentals of Writing
 - * ENGL 1613 - English I
 - * ENGL 1623 - English II
 - * SPCH 1553 - Introductory Speech

Business and languages (4 courses) Credit hours: 12

BSNS 2143 - Human Relations in Business	
BSNS 1553 - Introduction to Business	
COSC 1513 - Introduction to Information Processing	
SPAN 1503 - Basic Spanish	

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

Horticulture
Advanced Certificate program

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
HORT 1014	4
HORT 1144	4
HORT 1173	3
HORT 1234	4

Spring semester	
HORT 1023	3
HORT 1133	3
HORT 1154	4
AGRC 1254	4
HORT 1124	4

Advanced Certificate in Horticulture – HORT.CRT.V56

The Horticulture Technician certificate meets the needs of students entering the horticulture industry as well as those presently employed who wish to continue their professional growth.

Required courses (9 courses)	
AGRC 1254 - Basic Soils	4
HORT 1014 - Fundamentals of Horticulture	4
HORT 1023 - Plant Propagation	3
HORT 1124 - Horticultural Mechanics	4
HORT 1133 - Plant Diseases and Insects	3
HORT 1144 - Landscape Plants	4
HORT 1154 - Landscape Layout and Design	4
HORT 1173 - Greenhouse Operations	3
HORT 1234 - Turf Management	4

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 33

*Course has prerequisite.

Law Enforcement

Associate in Applied Science Degree – LAW.F.AAS.C44

The Law Enforcement curriculum is designed to meet the needs of two groups of students: those who plan to work with public or private agencies concerned with maintaining public safety and those already employed by law enforcement agencies who wish to update skills and knowledge. KCC also offers a Criminal Justice transfer program, see Page 46. Students should see the criminal justice/law enforcement coordinator to determine which program best suits their needs. Law Enforcement graduates are generally prepared to enter law enforcement programs at selected colleges and universities with junior status.

Law Enforcement Major (10 courses)	Credit hours: 30
LAWF 1513 - Introduction to Criminal Justice	
LAWF 1613 - Police Operations & Services	
LAWF 1713 - Basic Criminal Law	
LAWF 1723 - Criminal Evidence & Procedures	
LAWF 1733 - Criminal Investigation	
LAWF 1753 - Juvenile Delinquency	
LAWF 2513 - Criminology	
LAWF 2623 - Organization & Administration	
LAWF 2713 - Community-Oriented Policing	
LAWF 2723 - Introduction to Corrections	

General Education (6 courses)	Credit hours: 18
Complete both sub-requirements:	
1. Communications - 9 credit hours	
* SPCH 1553 - Introductory Speech	
In addition, CHOOSE TWO of the following four courses:	
* ENGL 1413 - Fundamentals of Writing	
* ENGL 1613 - English I	
* ENGL 1623 - English II	
* BSNS 1603 - Business Communications	
2. Social and Behavioral Science - 9 credit hours	
* PSYC 1813 - Introduction to Psychology	
* PLSC 1513 - American Government	
* SOCY 2513 - Sociology	

Humanities/Social and Behavioral Science or Mathematics Elective (5 courses)	Credit hours: 16
CHOOSE 16 credit hours of courses from any elective area or LAW.F prefix. ¹ A maximum of two (2) credit hours can come from physical education activity courses (see Pages 151-152).	

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

¹PEPC 1308 and/or PEPC 1318 may be used to fulfill this requirement.

Advanced Certificate in Law Enforcement – LAW.F.CRT.C94

Upon completion of this program, the graduate is prepared for employment in a wide variety of positions in the law enforcement field.

Law Enforcement Major (10 courses)	Credit hours: 30
LAWF 1513 - Introduction to Criminal Justice	
LAWF 1613 - Police Operations & Services	
LAWF 1713 - Basic Criminal Law	
LAWF 1723 - Criminal Evidence & Procedures	
LAWF 1733 - Criminal Investigation	
LAWF 1753 - Juvenile Delinquency	
LAWF 2513 - Criminology	
LAWF 2623 - Organization & Administration	
LAWF 2713 - Community-Oriented Policing	
LAWF 2723 - Introduction to Corrections	

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 30

*Course has prerequisite.

Law Enforcement Associate in Applied Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
LAWF 1513	3
LAWF 1613	3
*ENGL 1613	3
*PSYC 1813	3
ELECTIVES	4

Spring semester	Credit hours
LAWF 1713	3
LAWF 1753	3
*ENGL 1623	3
*PLSC 1513	3
ELECTIVES	4

Fall semester	Credit hours
LAWF 1723	3
LAWF 2513	3
LAWF 2723	3
*SPCH 1553	3
ELECTIVES	4

Spring semester	Credit hours
LAWF 1733	3
LAWF 2623	3
LAWF 2713	3
*SOCY 2513	3
ELECTIVES	4

Law Enforcement Advanced Certificate

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
LAWF 1513	3
LAWF 1613	3

Spring semester	Credit hours
LAWF 1713	3
LAWF 1753	3

Fall semester	Credit hours
LAWF 1723	3
LAWF 2513	3
LAWF 2723	3

Spring semester	Credit hours
LAWF 1733	3
LAWF 2623	3
LAWF 2713	3

ADDITIONAL PROGRAM INFORMATION

All criminal justice/law enforcement courses at KCC are taught by law enforcement professionals with advanced degrees and certification in the subject matter.

Those who complete the Private Security course are eligible for certification from the state of Illinois.

Certificate Options in Law Enforcement

It is possible for a student to take a small grouping of courses which, taken as a unit, may satisfy requirements for a particular position within the law enforcement field. The student may make written application to the Office of Admissions and Registration to receive written verification of completion of the certificate program.

	Credit hours
Basic Law Enforcement Principles (6 hours)	
Curriculum code: C94A	
LAWF 1513 - Introduction to Criminal Justice	3
LAWF 1613 - Police Operations & Services	3
Laws and Evidentiary Procedures (6 hours)	
Curriculum code: C94B	
LAWF 1713 - Basic Criminal Law	3
LAWF 1723 - Criminal Evidence & Procedures	3
Relationships and Juveniles (6 hours)	
Curriculum code: C94C	
LAWF 1753 - Juvenile Delinquency	3
LAWF 2713 - Community-Oriented Policing	3
Crime, Criminals, and Corrections (9 hours)	
Curriculum code: C94D	
LAWF 1513 - Introduction to Criminal Justice	3
LAWF 2513 - Criminology	3
LAWF 2723 - Introduction to Corrections	3
Investigation & Organization (12 hours)	
Curriculum code: C94E	
LAWF 1513 - Introduction to Criminal Justice	3
LAWF 1733 - Criminal Investigation	3
*LAWF 2413 - Computer Crime Investigation	3
*LAWF 2623 - Organization & Administration	3
Private Security (9 hours)	
Curriculum code: C94F	
LAWF 1513 - Introduction to Criminal Justice	3
LAWF 1713 - Basic Criminal Law	3
LAWF 2733 - Private Security	3

Machine Tool Technology

Advanced Certificate – MCHN.CRT.C84

The Machine Tool Technology curriculum is designed to give students the opportunity to develop the competencies needed to be successful as a machinist in a machine shop or in the machine tool rooms of various industries.

Machine Tool Technology Core (7 courses)	Credit hours: 24
MCHN 1214 - Machine Tool I	
*MCHN 1224 - Machine Tool II	
*MCHN 1234 - Machine Tool III	
MCHN 1311 - Precision Measurement	
*MCHN 2314 - Fundamentals of CNC Machining & Programming	
DRFT 1154 - Technical Drafting & Print Reading	
WELD 1263 - Metallurgy & Heat Treatment	
General Education (2 courses)	Credit hours: 6
*MATH 1113 - Technical Mathematics I	
*MATH 1123 - Technical Mathematics II	
Welding elective (1 course)	Credit hours: 4
CHOOSE FOUR (4) credit hours of courses with a WELD prefix.	

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 34

*Course has prerequisite.

Machine Tool Technology Advanced Certificate

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
MCHN 1214	4
*MCHN 1224	4
Spring semester	
*MCHN 1234	4
WELD Elective(s)	4
DRFT 1154	4
Summer	
*MCHN 2314	4
Fall semester	
MCHN 1311	1
*MATH 1113	3
Spring semester	
WELD 1263	3
*MATH 1123	3

**Medical Assistant
Associate in Applied Science Degree**

SUGGESTED COURSE SEQUENCE

	Credit hours
Fall semester	
COSC 1513	3
*BIOL 1554	4
HLTH 1312	2
*HLTH 1372	2
BSNS 2311	1
*ENGL 1413 or *ENGL 1613	3
Spring semester	
*HLTH 1224	4
*BSNS 1603	3
*COSC 1352	2
COSC 1372	2
Summer term	
PNUR 1438	8
Fall semester	
*HLTH 1243	3
*HLTH 1343	3
*HLTH 1353	3
*HLTH 1363	3
Spring semester	
*HLTH 1404	4
ACCT 1413	3
PHIL 2543	3
*PSYC 1813	3
Summer term	
*HLTH 1412	2

ADDITIONAL PROGRAM INFORMATION

Each student in this program must have a physical exam, criminal background check without disqualifying conviction and a negative drug screen.

Medical Assistant

Associate in Applied Science Degree – (Pending approval) HLTH.AAS.C07

This program prepares students as professional medical assistants in the health care industry. In most situations, the medical assistant performs routine administrative and clinical tasks in the offices and clinics of physicians, podiatrists, chiropractors, and optometrists. In larger practices, medical assistants specialize in a particular area under the supervision of department administrators. This degree typically is not designed for transfer.

Open enrollment for new students not anticipated until 2012. Contact an advisor for information.

Medical Assistant Major (15 courses)

Credit hours: 45

Complete all four sub-requirements:

1. Accounting course - 3 credit hours
ACCT 1413 - General Accounting
2. Business course - 1 credit hour
BSNS 2311 - Successful Customer Service
3. Computer science courses - 7 credit hours
COSC 1513 - Introduction to Information Processing
*COSC 1352 - Word
*COSC 1372 - Excel
4. Health courses - 37 credit hours
HLTH 1312 - Medical Terminology
*HLTH 1372 - Ethical and Legal Issues
*HLTH 1343 - Basic ICD-9-CM
*HLTH 1353 - Basic CPT Coding
*HLTH 1363 - Insurance Procedures
*HLTH 1404 - Phlebotomy Techniques
*HLTH 1412 - Phlebotomy Techniques Practicum
*HLTH 1224 - Admin Procedures
*HLTH 1243 - Laboratory Procedures
*PNUR 1438 - Nursing Assistant

General Education (5 courses)

Credit hours: 16

- *ENGL 1413 - Fundamentals of Writing or English 1613 - English I
- *BSNS 1603 - Business Communication or *SPCH 1553 - Introductory Speech
- *PSYC 1813 - Introduction to Psychology
- PHIL 2543 - Death and Dying
- *BIOL 1554 - Human Biology¹

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 61

*Course has prerequisite.

¹May substitute BIOL 2644 - Anatomy & Physiology I and BIOL 2654 - Anatomy & Physiology II.

Advanced Certificate in Medical Assistant (pending approval) - HLTH.CRT.C53

The Medical Assistant certificate curriculum is designed for students to develop the administrative, general and clinical competencies needed for success in an entry-level medical assistant position. The certificate curriculum also prepares individuals to assume entry-level billing and coding positions.

Open enrollment for new students not anticipated until 2012. Contact an advisor for information.

Medical Assistant Major (13 courses)

Credit hours: 42

- BSNS 2311 - Successful Customer Service
- *BIOL 1554 - Human Biology
- *COSC 1513 - Introduction to Information Processing
- HLTH 1312 - Medical Terminology
- *HLTH 1372 - Ethical and Legal Issues
- *HLTH 1343 - Basic ICD-9-CM
- *HLTH 1353 - Basic CPT Coding
- *HLTH 1363 - Insurance Procedures
- *HLTH 1404 - Phlebotomy Techniques
- *HLTH 1412 - Phlebotomy Techniques Practicum
- *HLTH 1224 - Admin Procedures
- *HLTH 1243 - Laboratory Procedures
- *PNUR 1438 - Nursing Assistant

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 42

*Course has prerequisite.

Certificate option - Coding Specialist

Curriculum code: HLTH.CRT.C53A

Completing this group of courses may satisfy requirements for a coding position in a non-acute health care setting. The student may make written application to the Office of Admissions and Registration to receive written verification of completion of the certificate program.

Credit hours

Coding Specialist (23 hours)

- HLTH 1312 - Medical Terminology 2
- COSC 1513 - Introduction to Information Processing 3
- *BIOL 1554 - Human Biology 4
- *HLTH 1343 - Basic ICD-9-CM 3
- *HLTH 1353 - Basic CPT Coding 3
- *HLTH 1363 - Insurance Procedures 3
- *HLTH 1372 - Ethical and Legal Issues 2
- *HLTH 1492 - Coding Practicum 2
- BSNS 2311 - Successful Customer Service 1

Medical Assistant Advanced Certificate

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
HLTH 1312	2
*HLTH 1372	2
*BIOL 1554	4
BSNS 2311	1
COSC 1513	3
Spring semester	
*HLTH 1224	4
*HLTH 1404	4
Summer session	
*PNUR 1438	8
Fall semester	
*HLTH 1243	3
*HLTH 1343	3
*HLTH 1353	3
*HLTH 1363	3
Spring semester	
*HLTH 1412	2

ADDITIONAL PROGRAM INFORMATION

Each student in this program must have a physical exam, criminal background check without disqualifying conviction and a negative drug screen.

**Medical Laboratory Technology
Associate in Applied Science Degree**

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
*MEDT 1114	4
*MEDT 1415	5
*MATH 1814 or higher math	4
*CHEM 1514	4
Spring semester	
*MEDT 1124	4
*MEDT 2124	4
*CHEM 1524	4
*BIOL 1514	4
Summer term	
*BIOL 2714	4
Fall semester	
*MEDT 2044	4
*MEDT 2214	4
*ENGL 1613	3
*PSYC 1813	3
Humanities elective	3
Spring semester	
*MEDT 2316	6
*MEDT 2326	6
*MEDT 2462	2
*ENGL 1623	3

ADDITIONAL PROGRAM INFORMATION

Graduates of this program are eligible to take the national certification examination given by the American Society for Clinical Pathology (ASCP). Medical Laboratory Technology graduates are prepared to enter medical technology/medical laboratory science bachelor's degree programs at selected state universities with junior status.

This program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), 5600 N. River Road, Suite 720, Rosemont, IL 60018; 773-714-8880.

Each student in this program must have a physical exam, criminal background check without disqualifying convictions and a negative drug screen.

Medical Laboratory Technology

Associate in Applied Science Degree – MLT.AAS.C24

The Medical Laboratory Technology program is a sequence of courses and clinical practicum experiences that prepares students for technician positions in medical laboratories, related businesses, and industries. Learning opportunities develop academic, technical, and professional knowledge and skills required for job acquisition, retention, and advancement. For online hybrid courses in this curriculum, students meet every two weeks for laboratory sessions at KCC or an available cooperating institution.

Medical Laboratory Technology Major (9 courses)

Credit hours: 39

All courses must be completed with a minimum grade of C. For non-clinical online courses, students must meet for biweekly laboratory sessions at KCC or a cooperating institution.

- * MEDT 1114 - Urinalysis and Body Fluids – online hybrid
- * MEDT 1415 - Physiologic Systems – online hybrid
- * MEDT 1124 - Hematology and Coagulation – online hybrid
- * MEDT 2124 - Serology and Blood Banking – online hybrid
- * MEDT 2044 - Clinical Microbiology – online hybrid
- * MEDT 2214 - Clinical Chemistry – online hybrid
- * MEDT 2316 - Clinical Practicum I¹ – online hybrid
- * MEDT 2326 - Clinical Practicum II¹ – online hybrid
- * MEDT 2462 - Medical Laboratory Technology Seminar – online hybrid

General Education (8 courses)

Credit hours: 28-29

Complete all five sub-requirements:

1. Communications - 6 credit hours
 - * ENGL 1613 - English I
 - * ENGL 1623 - English II
2. Mathematics² - 3-4 credit hours
 - * MATH 1814 - College Algebra or higher mathematics
3. Biology - 8 credit hours
 - Both biology courses must be completed with a grade of C or higher
 - * BIOL 1514 - General Biology I
 - * BIOL 2714 - Microbiology
4. Chemistry - 8 credit hours
 - Both chemistry courses must be completed with a grade of C or higher
 - * CHEM 1514 - General Chemistry I
 - * CHEM 1524 - General Chemistry II
5. Social and Behavioral Science - 3 credit hours
 - * PSYC 1813 - Introduction to Psychology

Humanities Elective (1 course)

Credit hours: 3

CHOOSE ONE IAI humanities elective (see Page 37).

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 70

*Course has prerequisite.

¹In Clinical Practicum I and II, the student will spend four consecutive days each week (32 hours/week) in affiliated hospitals in the spring semester.

²Students who have fewer than two years of high school algebra should take *MATH 1424 - Intermediate Algebra. Students with more high school math background may elect to take a higher-level math (3-4 credits) than College Algebra. In addition to College Algebra, physics is strongly recommended for students pursuing a bachelor's degree in medical technology or clinical laboratory science.

Medical Laboratory Technology

Advanced Placement Sequence (Option 1) – MLT.AAS.C24

The advanced placement sequence of the Medical Laboratory Technology Associate in Applied Science Degree is designed for students who have previously completed the required general education courses of the program. The program concentrates on Medical Laboratory Technology courses, allowing students to complete the degree requirements in three semesters (spring, fall, spring).

For online hybrid courses in this curriculum, students meet every two weeks for laboratory sessions at KCC or an available cooperating institution.

Courses required prior to acceptance in the program: (11 courses) Credit hours: 36-37

All biology and chemistry courses must be completed with a grade of C or higher.

- * MEDT 1415 - Physiology Systems¹
- * BIOL 1514 - General Biology I
- * BIOL 2714 - Microbiology I
- * CHEM 1514 - General Chemistry I
- * CHEM 1524 - General Chemistry II
- * ENGL 1613 - English I
- * ENGL 1623 - English II
- * MATH 1814 - College Algebra²
- * PSYC 1813 - Introduction to Psychology
- ELECTIVE - Humanities

Medical Laboratory Technology Major (8 courses) Credit hours: 34

All courses must be completed with a minimum grade of C. For non-clinical online courses, students must meet for biweekly laboratory sessions at KCC or a cooperating institution.

- * MEDT 1114 - Urinalysis and Body Fluids - online hybrid
- * MEDT 1124 - Hematology and Coagulation - online hybrid
- * MEDT 2124 - Serology and Blood Banking - online hybrid
- * MEDT 2044 - Clinical Microbiology - online hybrid
- * MEDT 2214 - Clinical Chemistry - online hybrid
- * MEDT 2316 - Clinical Practicum I³ - online hybrid
- * MEDT 2326 - Clinical Practicum II³ - online hybrid
- * MEDT 2462 - Medical Laboratory Technology Seminar - online hybrid

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 70

*Course has prerequisite.

¹May substitute BIOL 2644 - Anatomy & Physiology I and BIOL 2654 - Anatomy & Physiology II.

²Students with fewer than two years of high school algebra should take *MATH 1424 - Intermediate Algebra. Students with more high school math background may elect to take a higher-level math (3-4 credits) than College Algebra. In addition to College Algebra, physics is strongly recommended for students pursuing a bachelor's degree in medical technology or clinical laboratory science.

³In Clinical Practicum I and II, the student will spend four consecutive days each week (32 hours/week) in affiliated hospitals in the last semester. Students with previous laboratory training or who are currently working in the field may earn credit by examination for *MEDT 2316 and *MEDT 2326. Consult program director for details.

Medical Laboratory Technology Associate in Applied Science Degree (Option 1)

Courses required prior to acceptance in the program

	Credit hours
*BIOL 1514	4
*MEDT 1415	5
*BIOL 2714	4
*CHEM 1514	4
*CHEM 1524	4
*ENGL 1613	3
*ENGL 1623	3
*MATH 1814	3-4
*PSYC 1813	3
Elective - Humanities	3

SUGGESTED COURSE SEQUENCE

	Credit hours
Spring semester	
*MEDT 1124	4
*MEDT 2124	4
Fall semester	
*MEDT 1114	4
*MEDT 2044	4
*MEDT 2214	4
Spring semester	
*MEDT 2316	6
*MEDT 2326	6
*MEDT 2462	2

ADDITIONAL PROGRAM INFORMATION

Graduates of this program are eligible to take the national certification examination given by the American Society for Clinical Pathology (ASCP). Medical Laboratory Technology graduates are prepared to enter medical technology/medical laboratory science bachelor's degree programs at selected state universities with junior status.

This program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), 5600 N. River Road, Suite 720, Rosemont, IL 60018; 773-714-8880.

Each student in this program must have a physical exam, criminal background check without disqualifying convictions and a negative drug screen.

Medical Laboratory Assistant Certificate

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
*HLTH 1404	4
Spring semester	
*MEDT 1032	2
*MEDT 1043	3
Fall semester	
*HLTH 1412	2

ADDITIONAL PROGRAM INFORMATION

Students with one year of acceptable full-time phlebotomy experience will satisfy required courses of HLTH 1404 and HLTH 1412 for entry into the Medical Laboratory Assistant certificate program.

Each student in the program must have a physical exam, criminal background check without any disqualifying convictions and a negative drug screen.

Phlebotomy Certificate

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
*HLTH 1404	4
Spring semester	
*HLTH 1412	2

ADDITIONAL PROGRAM INFORMATION

Each student in the program must have a physical exam, criminal background check without any disqualifying convictions and a negative drug screen.

Certificate in Medical Laboratory Assistant – MLT.CRT.C79

The Medical Laboratory Assistant certificate is designed to develop within the student practical skills in performing basic laboratory “waived” tests. Graduates are prepared to enter employment as medical laboratory assistants, working under the supervision of a medical laboratory technician or technologist.

Students that complete the Medical Laboratory Assistant certificate may receive one point credit for eligibility into the MLT associate degree program. All courses must be completed with grades of C or better.

The student may make written application to the Office of Admissions and Registration to receive written verification of completion of the certificate program.

Medical Laboratory Assistant Certificate Major (4 courses)

Credit hours: 11

- * HLTH 1404 - Phlebotomy Techniques
- * MEDT 1032 - Medical Laboratory Assistant Skills I
- * MEDT 1043 - Medical Laboratory Assistant Skills II
- * HLTH 1412 - Phlebotomy Techniques Practicum¹

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 11
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*Course has prerequisite.

¹See “additional program information” at left.

Certificate in Phlebotomy – MLT.CRT.C79A

The Phlebotomy certificate is designed to prepare students to learn how to properly collect, handle, and process blood specimens for analysis in health care settings. After completion, students are eligible to take a certification exam given by the American Society of Clinical Pathology or other agencies.

Phlebotomy Certificate (2 courses)

Credit hours

- | | |
|---|---|
| * HLTH 1404 - Phlebotomy Techniques | 4 |
| * HTLH 1412 - Phlebotomy Techniques Practicum | 2 |

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 6

*Course has prerequisite.

Nursing – Registered

Associate in Applied Science Degree – RNUR.AAS.C21

The Associate Degree Nursing program is designed to prepare the student to practice nursing at an introductory level. Nursing courses are a combination of classroom and clinical experiences. Clinical experiences are held in a variety of settings. Hours of clinical experience vary depending on the course content. Consult a KCC adviser or the “Information on Health Career Programs” handout for program entry requirements.

Nursing—Registered Major (10 courses)

Credit hours: 42

All courses must be completed with a minimum grade of C.

- * RNUR 1106 - Introduction to Nursing
- * RNUR 1129 - Nursing—Adult & Child I
- * RNUR 1451 - Nursing Seminar
- * RNUR 1461 - Nursing Seminar II
- * RNUR 2119 - Nursing—Adult & Child II
- * RNUR 2124 - Nursing—Adult & Child III
- * RNUR 2137 - Nursing—Adult & Child IV
- * RNUR 2443 - Concepts of Clinical Pharmacology
- * RNUR 2451 - Nursing Seminar III
- * RNUR 2461 - Nursing Seminar IV

General Education (8 courses)

Credit hours: 27

Complete all four sub-requirements:

1. Communications - 6 credit hours
 - * ENGL 1613 - English I¹
 - * ENGL 1623 - English II or *SPCH 1553 - Introductory Speech
2. Laboratory Science - 12 credit hours

All laboratory science courses must be completed with a grade of C or higher.

 - * BIOL 2644 - Anatomy & Physiology I²
 - * BIOL 2654 - Anatomy & Physiology II²
 - * BIOL 2714 - Microbiology³
3. Social and Behavioral Science - 6 credit hours
 - * PSYC 1813 - Introduction to Psychology
 - * SOCY 2513 - Sociology
4. Elective - 3 credit hours

CHOOSE ONE IAI elective from communications, humanities, mathematics, science, social science (see Page 37) or choose one of the following:

 - HLTH 1513 - Nutrition
 - PHIL 2543 - Death and Dying

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 69

^{*}Course has prerequisite.

¹ENGL 1613 must be successfully completed prior to or concurrently with RNUR 1451.

²These courses must be taken prior to or concurrently with RNUR 1106 and RNUR 1129. A minimum grade of C is required for BIOL 2644 and BIOL 2654. Students who plan to take Anatomy & Physiology at another college should consult a KCC adviser regarding transferability. Completing this sequence at one college is strongly recommended.

³BIOL 2714 must be completed prior to RNUR 2119, with a minimum grade of C.

Nursing – Registered Associate in Applied Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
*RNUR 1106	6
*RNUR 1451	1
*BIOL 2644	4
*ENGL 1613	3
Spring semester	
*RNUR 1129	9
*RNUR 1461	1
*BIOL 2654	4
*PSYC 1813	3
Summer session	
*RNUR 2443	3
*BIOL 2714	4
Fall semester	
*RNUR 2119	9
*RNUR 2451	1
*SPCH 1553	3
Spring semester	
*RNUR 2124	4
*RNUR 2137	7
*RNUR 2461	1
*SOCY 2513	3
Elective	3

ADDITIONAL PROGRAM INFORMATION

Licensed practical nurses may receive advanced placement (see Pages 96 and 97).

Graduates of the Associate in Applied Science Nursing program are eligible to apply to take the National Council Licensure Examination for Registered Nurses.

Each student in this program must have a physical exam, criminal background check without any disqualifying convictions and a negative drug screen.

**Nursing – Registered
Advanced Placement Sequence (Option 1)**

**Courses required prior
to acceptance in the program**

	Credit hours
*BIOL 2644	4
*ENGL 1613	3

SUGGESTED COURSE SEQUENCE

	Credit hours
Spring semester	
*RNUR 1129	9
*RNUR 1461	1
*BIOL 2654	4
*PSYC 1813	3
RNUR Advanced Placement Credit	7
Summer session	
*RNUR 2443	3
*BIOL 2714	4
Fall semester	
*RNUR 2119	9
*RNUR 2451	1
*SPCH 1553	3
Spring semester	
*RNUR 2124	4
*RNUR 2137	7
*RNUR 2461	1
*SOCY 2513	3
ELECTIVE	3

PROGRAM NOTE

Requirements for consideration of acceptance in the advanced placement sequence will be the same as those for students applying to the first semester of the Associate Degree Nursing program.

ADDITIONAL PROGRAM INFORMATION

Graduates of the Associate in Applied Science Nursing program are eligible to apply to take the National Council Licensure Examination for Registered Nurses.

Each student in this program must have a physical exam, criminal background check without any disqualifying convictions and a negative drug screen.

Nursing – Registered

Advanced Placement Sequence (Option 1) – RNUR.AAS.C21

Licensed practical nurses can earn advanced placement in the Associate Degree Nursing program. Consult a KCC advisor or the “Information on Health Career programs” handout for program entry requirements. Upon successful completion of RNUR 1129 and RNUR 1461, the student will satisfy requirements for RNUR 1106 and RNUR 1451. LPNs graduating from non-regionally accredited institutions (see Code of Campus Affairs and Regulations, section 10.1) must meet proficiency requirements to be eligible for admission under this option. Consult a KCC advisor for details.

Courses required prior to acceptance in the program (2 courses)

Credit hours: 7

BIOL 2644 must be completed with a minimum grade of C.

- *BIOL 2644 - Anatomy & Physiology I¹
- *ENGL 1613 - English I

Nursing – Registered Advanced Placement Sequence (Option 1) Major (8 courses) Credit hours: 42

All courses must be completed with a minimum grade of C.

- *RNUR 1129 - Nursing—Adult & Child I
- *RNUR 1461 - Nursing Seminar II
- *RNUR 2119 - Nursing—Adult & Child II
- *RNUR 2124 - Nursing—Adult & Child III
- *RNUR 2137 - Nursing—Adult & Child IV
- *RNUR 2443 - Concepts of Clinical Pharmacology
- *RNUR 2451 - Nursing Seminar III
- *RNUR 2461 - Nursing Seminar IV

RNUR Advanced Placement Credit

Credit hours: 7

General Education (6 courses)

Credit hours: 20

Complete all four sub-requirements:

1. Communications - 3 credit hours
 - *ENGL 1623 - English II or *SPCH 1553 - Introductory Speech
2. Laboratory Science - 8 credit hours
 - All laboratory science courses must be completed with a grade of C or higher.
 - *BIOL 2654 - Anatomy & Physiology II^{1, 2}
 - *BIOL 2714 - Microbiology³
3. Social and Behavioral Science - 6 credit hours
 - *PSYC 1813 - Introduction to Psychology
 - *SOCY 2513 - Sociology
4. Elective - 3 credit hours
 - CHOOSE ONE IAI elective from communications, humanities, mathematics, science, social science (see Page 37) or choose one of the following:
 - HLTH 1513 - Nutrition
 - PHIL 2543 - Death and Dying

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 69

*Course has prerequisite.

¹Students who plan to take Anatomy & Physiology at another college should consult a KCC adviser regarding transferability. Completing this sequence at one college is strongly recommended.

²BIOL 2654 must be taken prior to or concurrently with RNUR 1129.

³BIOL 2714 must be completed prior to RNUR 2119.

Nursing – Registered

Advanced Placement Sequence (Option 2) – RNUR.AAS.C21

Licensed practical nurses can earn advanced placement in the Associate Degree Nursing program. Consult a KCC adviser or the “Information on Health Career programs” handout for program entry requirements. Upon successful completion of RNUR 1144 (Transition for LPNs), the student will satisfy requirements for RNUR 1106, RNUR 1451, RNUR 1129 and RNUR 1461. LPNs graduating from non-regionally accredited institutions (see Code of Campus Affairs and Regulations, section 10.1) must meet proficiency requirements to be eligible for admission under this option. Consult a KCC adviser for details.

Courses required prior to acceptance in the program. (5 courses) Credit hours: 18

All courses must be completed with a minimum grade of C.

- *BIOL 2644 - Anatomy and Physiology I¹
- *BIOL 2654 - Anatomy and Physiology II¹
- *BIOL 2714 - Microbiology²
- *ENGL 1613 - English I
- *PSYC 1813 - Introduction to Psychology

Nursing – Registered Advanced Placement Sequence (Option 2) Major (7 courses) Credit hours: 42

All courses must be completed with a minimum grade of C.

- *RNUR 1144 - Transition for LPN's
- *RNUR 2119 - Nursing—Adult & Child II
- *RNUR 2124 - Nursing—Adult & Child III
- *RNUR 2137 - Nursing—Adult & Child IV
- *RNUR 2443 - Concepts of Clinical Pharmacology
- *RNUR 2451 - Nursing Seminar III
- *RNUR 2461 - Nursing Seminar IV

RNUR Advanced Placement Credit Credit hours: 13

General Education (3 courses) Credit hours: 9

Complete all three sub-requirements:

1. Communications - 3 credit hours
 - *ENGL 1623 - English II or *SPCH 1553 - Introductory Speech
2. Social and Behavioral Science - 6 credit hours
 - *SOCY 2513 - Sociology
3. Elective - 3 credit hours

CHOOSE ONE IAI elective from communications, humanities, mathematics, science, social science (see Page 37) or choose one of the following:

 - HLTH 1513 - Nutrition
 - PHIL 2543 - Death and Dying

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 69

*Course has prerequisite.

¹Students who plan to take Anatomy and Physiology at another college should consult a KCC adviser regarding transferability. Completing this sequence at one college is strongly recommended.

²BIOL 2714 must be completed prior to RNUR 2119.

Nursing – Registered Advanced Placement Sequence (Option 2)

Courses required prior to acceptance in the program

	Credit hours
*BIOL 2644	4
*BIOL 2654	4
*BIOL 2714	4
*ENGL 1613	3
*PSYC 1813	3

SUGGESTED COURSE SEQUENCE

Summer session

*RNUR 1144	4
*RNUR 2443	3
RNUR Advanced Placement Credit	13

Fall semester

*RNUR 2119	9
*RNUR 2451	1
*SPCH 1553	3

Spring semester

*RNUR 2124	4
*RNUR 2137	7
*RNUR 2461	1
*SOCY 2513	3
ELECTIVE	3

EVENING PROGRAM

Courses required prior to acceptance in the program

	Credit hours
*BIOL 2644	4
*BIOL 2654	4
*BIOL 2714	4
*ENGL 1613	3
*PSYC 1813	3

SUGGESTED COURSE SEQUENCE

Summer session

*RNUR 1144	4
*RNUR 2443	3
RNUR Advanced Placement Credit	13

Fall semester

*RNUR 2124	4
*RNUR 2451	1
*RNUR 2119	9
*SPCH 1553	3

Spring semester

*RNUR 2137	7
*RNUR 2461	1
*SOCY 2513	3
ELECTIVE	3

PROGRAM NOTE

Requirements for consideration of acceptance in the advanced placement sequence will be the same as those for students applying to the first semester of the Associate Degree Nursing program.

ADDITIONAL PROGRAM INFORMATION

Graduates of the Associate in Applied Science Nursing program are eligible to apply to take the National Council Licensure Examination for Registered Nurses.

Each student in this program must have a physical exam, criminal background check without any disqualifying convictions and a negative drug screen.

Nursing – Practical Advanced Certificate

REQUIRED COURSE SEQUENCE

Fall semester	Credit hours
*PNUR 1138	8
*PNUR 1241	1
*BIOL 1554 or *BIOL 2644 and *BIOL 2654	4-8
Communications course	3
Spring semester	
*PNUR 1140	10
*PNUR 1262	2
Communications course	3
Summer session	
*PNUR 1316	6

ADDITIONAL PROGRAM INFORMATION

Each student in this program must have a physical exam, criminal background check without any disqualifying convictions and a negative drug screen.

ADDITIONAL PROGRAM INFORMATION

Each student in this program must have a physical exam, criminal background check without any disqualifying convictions and a negative drug screen.

Nursing – Practical

Advanced Certificate – PNUR.CRT.C73

Practical Nursing is a one-year certificate program designed to prepare individuals to assume the roles and responsibilities of the practical nurse. Consult a KCC advisor or the “Information on Health Career Programs” handout for program entry requirements. Upon successful completion of the program, the individual is eligible to apply to take the National Council Licensure Examination for Practical Nurses.

Nursing – Practical Certificate Major (5 courses)

Credit hours: 27

A minimum grade of C is required for all of these courses.

- *PNUR 1138 - Practical Nursing I
- *PNUR 1241 - Practical Nursing Pharmacology I
- *PNUR 1140 - Practical Nursing II
- *PNUR 1262 - Practical Nursing Pharmacology II
- *PNUR 1316 - Practical Nursing III

General Education (3-4 courses)

Credit hours: 10-14

Complete both sub-requirements:

1. Communications courses - 6 credit hours
 CHOOSE TWO courses from the following four options:
 - *ENGL 1413 - Fundamentals of Writing¹
 - *ENGL 1613 - English I
 - *ENGL 1623 - English II
 - *SPCH 1553 - Introductory Speech
2. Laboratory Science courses - 4-8 credit hours
 A minimum grade of C is required in courses with a BIOL prefix
 - *BIOL 1554 - Human Biology¹ or both
 - *BIOL 2644 - Anatomy & Physiology I¹ and *BIOL 2654 - Anatomy & Physiology II¹

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 37

*Course has prerequisite.

¹Must be completed prior to PNUR 1140.

Nursing Assistant

Certificate in Nursing Assistant

Curriculum code: CNA.CRT.C72

The Nursing Assistant program is designed to prepare individuals to administer patient care as members of a nursing team in hospitals, nursing homes, home health agencies, and other extended care facilities. The nursing assistant course consists of 157 hours of theory, laboratory and clinical content. The course is approved by the Illinois Department of Public Health. Only PNUR 1438 is required to receive the Illinois Department of Public Health approved certificate. Successful completion of the NATCEP exam may be required for employment. The Health Care Worker Background Check Act requires that students have a non-fingerprint criminal background check initiated at the beginning of the program.

*PNUR 1438 - Nursing Assistant ¹	Credit hours
*BIOL 1554 - Human Biology or *BIOL 2644 - Anatomy & Physiology I and *BIOL 2654 - Anatomy & Physiology II	8 4

Minimum credit hours required for completion: 12

*Course has prerequisite.

¹Consult an adviser or the course description for requirements to enroll in PNUR 1438.



Office Professional
Associate in Applied Science Degree

SUGGESTED COURSE SEQUENCE

	Credit hours
Fall semester	
BSNS 1312	2
BSNS 1553	3
BSNS 2311	1
*COSC 1023	3
*ENGL 1413 or *ENGL 1613	3
*MATH 1213 or *MATH 1414	3
Spring semester	
ACCT 1413 or ACCT 1514	3 or 4
*COSC 1181	1
*COSC 1513	3
*COSC 2033	3
*ECON 1553	3
*PSYC 1813 or PSYC 1013	3
Fall semester	
*BSNS 1603	3
*COSC 1172	2
*COSC 1341	1
*COSC 1352	2
*COSC 1362	2
Humanities, Social and Behavioral Science, or Science course	3
Elective	3
Spring semester	
*BSNS 1353	3
BSNS 1653 or BSNS 1663	3
*COSC 1372	2
*COSC 1382	2
PHED 1512 or *BIOL 1554	2 or 4
Elective	2-3

ADDITIONAL PROGRAM INFORMATION

Among electives and required courses in this curriculum, three courses (BSNS 1653, BSNS 1663, and COSC 1513) meet Illinois Articulation Initiative Major-Specific requirements for business majors. Visit www.itransfer.org or a KCC academic advisor for more information.

Office Professional

Associate in Applied Science Degree – BSNS.AAS.C15

The Office Professional program is designed for students who wish to prepare for positions as office professionals or administrative assistants in business, industry, or government offices. The program offers a combination of skill-building, business, and general education courses necessary for developing a high degree of competence, as well as general knowledge for the responsible execution of office professional or administrative duties. This degree typically is not designed for transfer.

Medical Specialization option

Students can choose to complete a specialization in the medical office professional field by substituting BIOL 1554 - Human Biology and HLTH 1312 - Medical Terminology during the fourth semester.

Office Professional Major (17 courses)

Credit hours: 39

Complete both sub-requirements:

1. Business courses - 25 credit hours
 - ACCT 1413 - General Accounting or ACCT 1514 - Financial Accounting
 - BSNS 1312 - Proofreading and Editing
 - *BSNS 1353 - Administrative Office Procedures
 - BSNS 1553 - Introduction to Business
 - *BSNS 1603 - Business Communications
 - BSNS 1653 - Business Law or BSNS 1663 - Legal and Social Environment of Business
 - BSNS 2311 - Successful Customer Service
 - *COSC 1023 - Intermediate Word¹
 - *COSC 1181 - Voice Recognition
 - *COSC 2033 - Advanced Word
2. Computer science courses - 14 credit hours
 - *COSC 1172 - Introduction to the Internet
 - *COSC 1341 - PowerPoint
 - *COSC 1352 - Word
 - *COSC 1362 - Access
 - *COSC 1372 - Excel
 - *COSC 1382 - Microsoft Office Suite Integration
 - COSC 1513 - Introduction to Information Processing

General Education (5 courses)

Credit hours: 14

- *ECON 1553 - Principles of Macroeconomics
- *ENGL 1413 - Fundamentals of Writing or *ENGL 1613 - English I
- *MATH 1213 - Applied Arithmetic or *MATH 1414 - Basic Algebra or higher level mathematics
- PHED 1512 - Health Education or *BIOL 1554 - Human Biology (for medical specialization)
- PSYC 1013 - Practical Psychology or *PSYC 1813 - Introduction to Psychology

Humanities, social and behavioral science, science, or mathematics elective (1 course)

Credit hours: 3

CHOOSE ONE humanities, social and behavioral science, science, or mathematics elective (see Pages 64-65).

Electives (2 courses)

Credit hours: 5-6

CHOOSE TWO courses from the following options. Note: Medical specialization students should choose HLTH 1312 and one other course.

- BSNS 1373 - Personal Finance
- BSNS 2143 - Human Relations in Business
- BSNS 2213 - Human Resource Management
- *BSNS 2403 - Office Professional Internship
- BSNS 2553 - Principles of Management
- MKTG 1253 - Sales & Customer Service
- MKTG 1553 - Principles of Marketing

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 61

*Course has prerequisite.

¹Students who have completed at least one year of high school typing/keyboarding with a grade of C or better or BSNS 1411 with a grade of C or better will automatically be placed in COSC 1023 - Intermediate Word. Students with less typing/keyboarding background need to enroll in BSNS 1411 before COSC 1023 unless they can demonstrate on a proficiency test that they have adequate skills to enter COSC 1023.

Advanced Certificate in Office Assistant

Curriculum code: BSNS.CRT.C63

This program is designed to give students the opportunity to develop competencies needed for success in a beginning or re-entry office position. Graduates will be prepared for employment in a variety of office positions which require office technology skills.

Office Assistant Certificate Major (15 courses)

Credit hours: 32-33

Complete all three sub-requirements:

1. Business courses - 22-23 credit hours
 - ACCT 1413 - General Accounting or ACCT 1514 - Financial Accounting
 - BSNS 1312 - Proofreading & Editing
 - * BSNS 1353 - Administrative Office Procedures
 - * BSNS 1603 - Business Communications
 - BSNS 2311 - Successful Customer Service
 - * COSC 1023 - Intermediate Word¹
 - * COSC 1181 - Voice Recognition
 - * COSC 2033 - Advanced Word
2. Psychology/Business course - 3 credit hours
CHOOSE ONE course from the following two options:
 - BSNS 2143 - Human Relations in Business
 - * PSYC 1813 - Introduction to Psychology
3. Computer Science courses - 10 credit hours
 - COSC 1513 - Introduction to Information Processing
 - * COSC 1172 - Introduction to the Internet
 - * COSC 1341 - PowerPoint
 - * COSC 1352 - Word
 - * COSC 1372 - Excel

General Education (2 courses)

Credit hours: 6-7

- * ENGL 1413 - Fundamentals of Writing³ or *ENGL 1613 - English I
- * MATH 1213 - Applied Arithmetic or *MATH 1414 - Basic Algebra or higher level mathematics course

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 38

*Course has prerequisite.

¹Students who have completed at least one year of high school typing/keyboarding with a grade of C or better or who have completed BSNS 1411 with a grade of C or better will automatically be placed in COSC 1023 - Intermediate Word. Students with less typing/keyboarding background will need to take BSNS 1411 before enrolling in COSC 1023 unless they demonstrate on a proficiency test that they have adequate skills to enter COSC 1023.

Certificate in Business Microcomputer Applications

Curriculum code: C15A

It is possible for a student to take a unit of courses which may satisfy requirements for a particular position within the business microcomputer applications field. The student may make written application to the Office of Admissions and Registration to receive written verification of completion of the certificate program.

Microsoft Office Suite Applications (9 hours)

Credit hours

- * COSC 1341 - PowerPoint 1
- * COSC 1352 - Word 2
- * COSC 1362 - Access 2
- * COSC 1372 - Excel 2
- * COSC 1382 - Microsoft Office Suite Integration 2

*Course has prerequisite.

Office Assistant Advanced Certificate

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
BSNS 1312	2
BSNS 2143 or *PSYC 1813	3
BSNS 2311	1
*COSC 1023	3
*COSC 1513	3
*ENGL 1413 or *ENGL 1613	3
*MATH 1213 or *MATH 1414	3-4
Spring semester	
*BSNS 1353	3
ACCT 1413 or ACCT 1514	3-4
*COSC 1172	2
*COSC 1181	1
*COSC 1341	1
*COSC 1352	2
*COSC 2033	3
Summer session	
*BSNS 1603	3
*COSC 1372	2

**Paralegal/Legal Assistant Studies
Associate in Applied Science Degree**

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
*PLAS 1103	3
BSNS 1653	3
*COSC 1352	2
*ENGL 1613	3
*PLSC 1513	3
*SPCH 1553	3

Spring semester	
*PLAS 1123	3
*PLAS 1213	3
*BSNS 1603	3
*COSC 1362	2
*ENGL 1623	3
Mathematics course	3

Summer session	
*PLAS 1153	3
*COSC 1372	2

Fall semester	
*PLAS 1133	3
*PLAS 2113	3
*HUMS 1513	3
Paralegal/Legal Assistant electives	6

Spring semester	
*PLAS 2413	3
Paralegal/Legal Assistant electives	6
Mathematics course	3

PROGRAM NOTE

In many states, paralegals and legal assistants can carry out any function that lawyers perform with three notable exceptions: setting legal fees, giving legal advice to clients, and representing clients in court proceedings. Paralegals and legal assistants work directly under an attorney's supervision, unless otherwise authorized by statute, court rules or agency regulations permitting paralegals to provide assistance directly to the public.

ADDITIONAL PROGRAM INFORMATION

A transfer agreement with at least one four-year college or university exists for this A.A.S. program. Students should consult an advisor for more information.

Paralegal/Legal Assistant Studies

Associate in Applied Science Degree – PLAS.AAS.C08

The Paralegal/Legal Assistant Studies program is designed to train students as legal professionals who have the writing, thinking, and reasoning skills to effectively contribute to a legal organization. Program graduates may find employment opportunities in the judicial system, private law firms, state agencies, legal aid organizations, banks, title insurance companies, corporations and hospitals with corporate legal departments. Program graduates also are generally prepared to enter paralegal baccalaureate programs at selected colleges and universities with junior status.

Paralegal/Legal Assistant Studies Major (16 courses)

Credit hours: 45

Complete all four sub-requirements:

1. Paralegal courses - 21 credit hours
A minimum grade of B is required in PLAS 1103.
*PLAS 1103 - Introduction to Paralegal/Legal Assistant Studies
*PLAS 1123 - Legal Research and Writing I
*PLAS 1133 - Legal Research and Writing II
*PLAS 1153 - Law Office Management
*PLAS 1213 - Civil Litigation
*PLAS 2113 - Legal Technology
*PLAS 2413 - Paralegal Internship
2. Business courses - 6 credit hours
*BSNS 1603 - Business Communications
BSNS 1653 - Business Law
3. Computer Science courses - 6 credit hours
*COSC 1352 - Word
*COSC 1362 - Access
*COSC 1372 - Excel
4. Paralegal electives - 12 credit hours
CHOOSE FOUR courses from the following seven options:
*PLAS 2213 - Real Estate Law
*PLAS 2223 - Estates, Trusts, and Wills
*PLAS 2233 - Criminal Litigation
*PLAS 2253 - Corporate Law
*PLAS 2263 - Family Law
*PLAS 2333 - Laws of Evidence
*PLAS 2403 - Special Topics in Paralegal Studies

General Education (7 courses)

Credit hours: 21

A minimum grade of C is required in *ENGL 1613 and *ENGL 1623.

- *ENGL 1613 - English I
- *ENGL 1623 - English II
- *SPCH 1553 - Introductory Speech
- *PLSC 1513 - American Government
- *HUMS 1513 - Introduction to Humanities

In addition, COMPLETE TWO mathematics courses from the general education course list (see Page 64).

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 66

*Course has prerequisite.

Advanced Certificate in Paralegal/Legal Assistant Studies – PLAS.CRT.C52

The 36 credit-hour Paralegal/Legal Assistant Studies certificate program is designed for students with a bachelor's degree and appropriate writing and computer experience to enhance their college coursework. Program graduates may find employment opportunities in the judicial system, private law firms, state agencies, legal aid organizations, banks, title insurance companies, corporations and hospitals with corporate legal departments.

Paralegal/Legal Assistant Studies Certificate Major (12 courses)

Credit hours: 36

Complete all three sub-requirements:

1. Business courses - 6 credit hours
 - * BSNS 1603 - Business Communications
 - BSNS 1653 - Business Law
2. Paralegal course - 21 credit hours
 - A minimum grade of B is required in PLAS 1103.
 - * PLAS 1103 - Introduction to Paralegal/Legal Assistant Studies
 - * PLAS 1123 - Legal Research and Writing I
 - * PLAS 1213 - Civil Litigation
 - * PLAS 1153 - Law Office Management
 - * PLAS 1133 - Legal Research and Writing II
 - * PLAS 2113 - Legal Technology
 - * PLAS 2413 - Paralegal Internship
3. Paralegal Electives - 9 credit hours
 - CHOOSE THREE courses from the following seven options:
 - * PLAS 2213 - Real Estate Law
 - * PLAS 2223 - Estates, Trusts, and Wills
 - * PLAS 2233 - Criminal Litigation
 - * PLAS 2253 - Corporate Law
 - * PLAS 2263 - Family Law
 - * PLAS 2333 - Laws of Evidence
 - * PLAS 2403 - Special Topics in Paralegal Studies

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 36
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*Course has prerequisite.

Paralegal/Legal Assistant Studies Advanced Certificate

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
*PLAS 1103	3
*BSNS 1603	3
BSNS 1653	3
Spring semester	
*PLAS 1123	3
*PLAS 1213	3
Summer session	
*PLAS 1153	3
Fall semester	
*PLAS 1133	3
*PLAS 2113	3
*Elective	3
Spring semester	
*PLAS 2413	3
*Electives	6

PROGRAM NOTE

In many states, paralegals and legal assistants can carry out any function that lawyers perform with three notable exceptions: setting legal fees, giving legal advice to clients, and representing clients in court proceedings. Paralegals and legal assistants work directly under an attorney's supervision, unless otherwise authorized by statute, court rules or agency regulations permitting paralegals to provide assistance directly to the public.

**Paramedic
Associate in Applied Science Degree**

**COURSE SEQUENCE
RIVERSIDE MEDICAL CENTER OPTION**

Fall semester	Credit hours
*PEPC 1308	8
*PEPC 1324	4
*MATH 1414	4
Spring semester	
*PEPC 1318	8
*PEPC 1343	3
*BIOL 1554	4
*ENGL 1413	3
Fall semester	
*PMED 2408	8
*PMED 2437	7
*ENGL 1613	3
Spring semester	
*PMED 2418	8
*PMED 2447	7
*PHIL 2543 or *PSYC 1813	3

**COURSE SEQUENCE
PROVENA ST. MARY'S HOSPITAL OPTION**

Spring semester	Credit hours
BIOL 1554	4
*MATH 1414	4
*ENGL 1413	3
Paramedic elective	3
Fall semester	
*ENGL 1613	3
*PMED 2408	8
Paramedic electives	6
Spring semester	
Elective: PSYC 1813 or PHIL 2543	3
*PMED 2418	8
Paramedic elective	4
Interim and summer session	
*PEPC 1324	4
*PMED 2437	7
Fall semester	
*PMED 2447	7
*PEPC 1343	3
Paramedic elective	3

ADDITIONAL PROGRAM INFORMATION

Before enrollment, the student must have completed KCC's COMPASS test, be CPR certified at the "Health Care Provider" level and have a GED certificate or official high school transcript showing graduation on file at KCC. High school seniors should consult their high school adviser for registration requirements.

Each student in this program must have a physical exam, criminal background check without any disqualifying convictions and a negative drug screen.

EMT certificates

For Emergency Medical Technician certificates, see Page 85.

Paramedic

Associate in Applied Science Degree – PMED.AAS.C29

The Paramedic program prepares individuals to provide advanced life support in and out of hospital settings to critically ill and injured persons. To prepare individuals to function in the paramedic role, a combination of educational methods are used in this program, including theory, instruction, demonstration and practice of life-saving skills for simulated and real emergency situations. Instruction is provided by physicians specializing in emergency medicine, registered nurses with advanced education in trauma management and paramedics approved by the emergency medical services director. The associate degree curriculum offers the student the opportunity to learn fundamental principles necessary for supervisory roles. This degree typically is not designed for transfer.

Paramedic Major (4 courses)

Credit hours: 30

All courses must be completed with a grade of C or higher.

- *PMED 2408 - Emergency Medical Technician—Paramedic I
- *PMED 2418 - Emergency Medical Technician—Paramedic II
- *PMED 2437 - Emergency Medical Technician—Paramedic III
- *PMED 2447 - Emergency Medical Technician—Paramedic IV

General Education (5 courses)

Credit hours: 16-17

Complete all four sub-requirements:

1. Communications - 6 credit hours

A minimum grade of C is required in courses to fulfill this requirement.

- *ENGL 1613 - English I

CHOOSE ONE course from the following:

- *ENGL 1413 - Fundamentals of Writing

- *ENGL 1623 - English II

- *SPCH 1553 - Introductory Speech

- SPCH 1563 - Interpersonal Communications

2. Mathematics - 3-4 credit hours

Complete this course or higher level mathematics.

- *MATH 1414 - Basic Algebra

3. Laboratory Science - 4 credit hours

The Laboratory Science course must be completed with a grade of C or higher.

CHOOSE from the following two options:

- *BIOL 1554 - Human Biology or both

- *BIOL 2644 - Anatomy and Physiology I* and BIOL 2654 - Anatomy and Physiology II

4. Human and Behavioral Social Science - 3 credit hours

CHOOSE ONE course from the following:

- *PSYC 1813 - Introduction to Psychology

- *PHIL 2543 - Death and Dying

Paramedic Electives – Option 1:

Credit hours: 23

KCC/Riverside Medical Center students (4 courses)

- *PEPC 1308 - Emergency Medical Technician—Intermediate I
- *PEPC 1318 - Emergency Medical Technician—Intermediate II
- *PEPC 1324 - Emergency Medical Technician—Intermediate III
- *PEPC 1343 - Emergency Medical Technician—Intermediate IV

Paramedic Electives – Option 2:

Credit hours: 23

KCC/Provena St. Mary's Hospital students (4-7 courses)

- *PEPC 1324 - Emergency Medical Technician—Intermediate III
- *PEPC 1343 - Emergency Medical Technician—Intermediate IV

In addition, CHOOSE 16 credit hours of electives from the following list:

- *BIOL 2644 - Anatomy and Physiology I

- *BIOL 2654 - Anatomy and Physiology II

- *BSNS 1603 - Business Communications

- CDEV 1513 - Child Growth and Development

- HLTH 1312 - Medical Terminology

- HLTH 1513 - Nutrition

- *HLTH 1372 - Ethical and Legal Issues

- PHIL 2543 - Death and Dying

- PSYC 1813 - Introduction to Psychology

- *SOCY 2513 - Sociology

- *SOCY 2543 - Race and Ethnic Relations

- SPAN 1503 - Conversational Spanish

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 69

*Course has prerequisite.



**Paraprofessional Educator/
Teacher's Aide**

Associate in Applied Science Degree

SUGGESTED COURSE SEQUENCE

	Credit hours
Fall semester	
EDUC 1713	3
EDUC 1763	3
*ENGL 1413	3
*PSYC 1813	3
Mathematics course	3-4
Spring semester	
*EDUC 2613	3
*ENGL 1613	3
CDEV 1513	3
CDEV 2263	3
*SOCY 2513	3
Fall semester	
*EDUC 1833	3
*CDEV 2233	3
*SPCH 1553	3
Humanities, Social and Behavioral Science, Science, or Math course	3
Science course	4
Spring semester	
Mathematics or Science course	3-4
Paraprofessional Educator courses	12

Paraprofessional Educator/Teacher's Aide

Associate in Applied Science Degree – EDUC.AAS.V09

The Paraprofessional Educator curriculum is designed to meet guidelines set forth in the No Child Left Behind act of 2001. It offers students a wide range of educational experiences and prepares them to assist classroom teachers at all grade levels from kindergarten through high school. KCC also offers a Child Development – Education Option program, see Page 73. Students should see the Child Development coordinator to determine which program best suits their needs. This degree typically is not designed for transfer.

Paraprofessional Educator Major (8 courses) Credit hours: 21

- CDEV 1513 - Child Growth/Development
- CDEV 2263 - Heads Up! Reading
- *CDEV 2233 - Language Acquisition & Development
- EDUC 1713 - Introduction to Public Education
- *EDUC 1763 - Technology in Education
- *EDUC 1833 - Students with Disabilities
- *EDUC 2613 - Educational Psychology

Paraprofessional Educator Electives (4-6 courses) Credit hours: 12

CHOOSE FOUR TO SIX courses (to attain a total of 12 credit hours) from the Paraprofessional Educator electives list (see Page 107).

General Education (8 courses) Credit hours: 25

Complete all three sub-requirements:

1. Communications courses - 9 credit hours
 - * SPCH 1553 - Introductory Speech
 - In addition, CHOOSE TWO courses from the following four options:
 - * ENGL 1413 - Fundamentals of Writing
 - * ENGL 1613 - English I
 - * ENGL 1623 - English II
 - * BSNS 1603 - Business Communications
2. Social Science courses - 6 credit hours
 - * PSYC 1813 - Introduction to Psychology
 - * SOCY 2513 - Sociology
3. Mathematics/Science courses - 10 credit hours
 - CHOOSE THREE mathematics and science courses (minimum of 10 credit hours) with at least one from mathematics and at least one from science (see Page 64).

Humanities, Social and Behavioral Science, Credit hours: 3

Science or Mathematics elective

CHOOSE ONE humanities, social and behavioral science, science or mathematics elective (see Page 64).

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 61

*Course has prerequisite.

Advanced Certificate in Paraprofessional Educator/ Teacher's Aide – EDUC.CRT.V58

The Paraprofessional Educator certificate is designed to meet guidelines set forth in the No Child Left Behind act of 2001. It is for students who have completed 30 hours of college credit in a wide range of educational areas and to prepare them to assist classroom teachers at all levels from kindergarten through high school.

Paraprofessional Educator/Teacher's Aide Advanced Certificate Major (6 courses) Credit hours: 15

- CDEV 1513 - Child Growth/Development
- *CDEV 2233 - Art/Music Activities
- EDUC 1713 - Introduction to Public Education
- EDUC 1763 - Technology in Education
- *EDUC 1833 - Students with Disabilities

General Education (2 courses)

Credit hours: 6-7

Complete both sub-requirements:

1. Communications course - 3 credit hours
CHOOSE ONE course from the following four options:
 - *ENGL 1413 - Fundamentals of Writing
 - *ENGL 1613 - English I
 - *ENGL 1623 - English II
 - *BSNS 1603 - Business Communications
2. Mathematics course - 3 credit hours
CHOOSE ONE mathematics elective (see Page 64).

General Education Elective (1 course)

Credit hours: 3

CHOOSE ONE course (3 credit hours) from the list of general education courses for applied science degrees (see Page 64).

Paraprofessional Educator Electives (2-3 courses)

Credit hours: 6

CHOOSE SIX CREDIT HOURS (two to three courses) from the Paraprofessional Educator electives list on this page.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 30

*Course has prerequisite.

Paraprofessional Educator electives:

Electives must be selected from the following according to the student's educational and career objectives and after consultation with the program coordinator.

	Credit Hours
*CDEV 2013 - History & Philosophy of Early Childhood Education	3
*CDEV 2033 - Instructional Methods of Early Childhood Education	3
*CDEV 2103 - School-Aged Programming	3
*CDEV 2113 - Child, Family and Community Relations	3
*CDEV 2123 - Child Study and Observation	3
*CDEV 2133 - Health Nutrition and Safety	3
*CDEV 2163 - Discipline/Classroom Management	3
*CDEV 2223 - Art/Music Activities	3
*CDEV 2243 - Science/Math Activities	3
*CDEV 2253 - Motor Development/Physical Activities	3
*CDEV 2403 - Clinical Experience	3
*EDUC 2513 - Diversity in Schools	3
EDUC 2533 - Foundations of Reading	3
LAWF 1753 - Basic Criminal Law	3
PHED 1521 - Substance Abuse Education	1
*PSYC 2513 - Abnormal Psychology	3
*PSYC 2553 - Lifespan Developmental Psychology	3
*SOCY 2553 - Marriage and the Family	3
SPAN 1503 - Basic Spanish	3

Paraprofessional Educator/ Teacher's Aide Advanced Certificate

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
EDUC 1713	3
EDUC 1763	3
CDEV 1513	3
*ENGL 1053	3
ELECTIVE	3
Spring semester	
*EDUC 1833	3
*CDEV 2233	3
General education elective	3
Paraprofessional Educator electives	6

**Physical Therapist Assistant
Associate in Applied Science Degree**

SUGGESTED COURSE SEQUENCE

PHTA courses must be taken in sequence.

Fall semester	Credit hours
*ENGL 1613	3
*BIOL 2644	4
*PSCI 1514	4
*PHTA 1101	1
*PHTA 1115	5

Spring semester	
*SPCH 1553	3
*BIOL 2654	4
*PSYC 1813	3
*PHTA 1224	4
*PHTA 1234	4

Interim and Summer term	
*PHTA 2001	1
*PHTA 2043	3
*PHTA 2053	3

Fall semester	
Elective	3
*PHTA 2164	4
*PHTA 2175	5
*PHTA 2185	5

Spring semester	
*PHTA 2293	3
*PHTA 2224	4
*PHTA 2234	4
*PHTA 2201	1

ADDITIONAL PROGRAM INFORMATION

The Physical Therapist Assistant Program at Kankakee Community College is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE), 1111 North Fairfax Street, Alexandria, VA 22314; telephone: 703-706-3245; email: accreditation@apta.org; website: <http://www.capteonline.org/>.

Each student in this program must have a physical exam, criminal background check without disqualifying conviction, negative drug screen, and current CPR health care provider certification.

Physical Therapist Assistant

Associate in Applied Science Degree – PTA.AAS.C30

This program prepares students to be entry-level physical therapist assistants who function effectively in an ever-changing healthcare environment. Graduates are eligible to take the national licensing examination. This two-year Associate in Applied Science program consists of five consecutive semesters of classroom and clinical education with a strong emphasis on professional standards. As a cohort, students progress from classroom to clinical experiences in a variety of physical therapy settings. This degree typically is not designed for transfer.

Physical Therapist Assistant major (14 courses)

Credit hours: 47

All courses must be completed with a minimum grade of C. PHTA courses must be completed in the order shown in the course sequence.

- * PHTA 1101 - Introduction to Healthcare
- * PHTA 1115 - PTA Fundamentals I
- * PHTA 1224 - Kinesiology
- * PHTA 1234 - PTA Fundamentals II
- * PHTA 2001 - Professional Standards of the PTA
- * PHTA 2043 - Pathology for the PTA
- * PHTA 2053 - Clinical Practicum I
- * PHTA 2164 - Orthopedics for the PTA
- * PHTA 2175 - PTA Fundamentals III
- * PHTA 2185 - PTA Fundamentals IV
- * PHTA 2293 - PTA Fundamentals V
- * PHTA 2224 - Clinical Practicum II
- * PHTA 2234 - Clinical Practicum III
- * PHTA 2201 - Current Issues in PT Practice

General Education (7 courses)

Credit hours: 24

Complete all four sub-requirements. All general education courses must be taken prior to or within the semester where they are shown in the course sequence.

1. Communications - 6 credit hours
 - * ENGL 1613 - English I
 - * SPCH 1553 - Introductory Speech
2. Laboratory Science - 12 credit hours
 - * BIOL 2644 and *BIOL 2654 must be completed with a minimum grade of C.
 - * BIOL 2644 - Anatomy & Physiology I
 - * BIOL 2654 - Anatomy & Physiology II
 - * PSCI 1514 - Introduction to Physical Science¹
3. Social and Behavioral Science – 3 credit hours
 - * PSYC 1813 - Introduction to Psychology
4. Elective - 3 credit hours
 - CHOOSE ONE IAI elective from communications, humanities, mathematics, laboratory science, social and behavioral science (see Page 60); or complete HLTH 1513 - Nutrition or PHIL 2543 - Death and Dying.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 71

* Course has prerequisite.

¹May substitute *CHEM 1504 - Basic Chemistry or higher college level chemistry and *PHYS 1514 - General Physics I or higher college level physics.

Radiography

Associate in Applied Science Degree – XRAY.AAS.C26

The Radiography program is based on a minimum of two years of full-time study which combines classroom theory with clinical experiences. The program is designed to prepare a person to be a competent professional member of the health care team. This degree typically is not designed for transfer.

Radiography Major (13 courses)

Credit hours: 55

All courses must be completed with a grade of C or higher.

- *XRAY 1014 - Introduction to Radiography
- *XRAY 1033 - Radiologic Anatomy & Positioning I
- *XRAY 1042 - Radiographic Quality
- *XRAY 1053 - Radiologic Anatomy & Positioning II
- *XRAY 1213 - Clinical Procedures I
- *XRAY 1222 - Clinical Procedures II
- *XRAY 1316 - Clinical I
- *XRAY 1326 - Clinical II
- *XRAY 1333 - Clinical III
- *XRAY 1346 - Clinical IV
- *XRAY 1356 - Clinical V
- *XRAY 2114 - Advanced Radiographic Technology I
- *XRAY 2125 - Advanced Radiographic Technology II
- *XRAY 2312 - Survey of Radiographic Pathology

General Education (5 courses)

Credit hours: 17

Complete all three sub-requirements:

1. Communications course - 6 credit hours
 CHOOSE TWO courses from the following:
 - *ENGL 1413 - Fundamentals of Writing
 - *ENGL 1613 - English I
 - *ENGL 1623 - English II
 - *SPCH 1553 - Introductory Speech
 - SPCH 1563 - Interpersonal Communications
2. Laboratory science - 8 credit hours
 Laboratory Science courses must be completed with a grade of C or higher.
 - *BIOL 2644 - Anatomy & Physiology I¹
 - *BIOL 2654 - Anatomy & Physiology II¹
3. Social and Behavioral science - 3 credit hours
 - *PSYC 1813 - Introduction to Psychology

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 72
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*Course has prerequisite.

¹*BIOL 2644 and *BIOL 2654 is required prior to or during the semester in which they appear in the course sequence.

Radiography Associate in Applied Science Degree

REQUIRED COURSE SEQUENCE

Summer session	Credit hours
*XRAY 1014	4
Fall semester	
*XRAY 1033	3
*XRAY 1213	3
*XRAY 1316	6
*BIOL 2644	4
Spring semester	
*XRAY 1042	2
*XRAY 1053	3
*XRAY 1222	2
*XRAY 1326	6
*BIOL 2654	4
Interim and summer session	
*XRAY 1333	3
*XRAY 2312	2
*PSYC 1813	3
Fall semester	
*XRAY 1346	6
*XRAY 2114	4
*ENGL 1413	3
Spring semester	
*XRAY 1356	6
*XRAY 2125	5
*ENGL 1613	3

ADDITIONAL PROGRAM INFORMATION

Graduates are eligible to apply for admission to the certification exam administered by the American Registry of Radiologic Technologists (ARRT) and also to make application to the Illinois Emergency Management Agency (IEMA)/Division of Nuclear Safety (DNS) for their Illinois state license.

Each student in this program must have a physical exam, criminal background check without any disqualifying convictions and a negative drug screen.

**Respiratory Therapist
Associate in Applied Science Degree**

SUGGESTED COURSE SEQUENCE

Spring semester	Credit hours
*RESP 1113	3
*RESP 1324	4
*BIOL 1554	4
*ENGL 1413	3
*PSCI 1514	4

Summer session	
RESP 1331	1
*SPCH 1553	3

Fall semester	
*RESP 1224	4
*RESP 1435	5
*RESP 1445	5
*RESP 2433	3

Spring semester	
*RESP 2212	2
*RESP 2225	5
*RESP 2411	1
*RESP 2445	5

Summer session	
*RESP 2453	3

Fall semester	
*RESP 2245	5
*RESP 2353	3
*RESP 2483	3
*PHIL 2543	3

ADDITIONAL PROGRAM INFORMATION

Upon completion, the graduate is eligible to apply for admission to the National Board for Respiratory Care Exams to become a Registered Respiratory Therapist (RRT).

The program is accredited by the Commission on Accreditation for Respiratory Care (www.coarc.com): 1248 Harwood; Bedford, TX 76021-4244; 817-283-2835.

Each student in this program must have a physical exam, criminal background check without any disqualifying convictions, a negative drug screen, and have current medical insurance.

Respiratory Therapist

Associate in Applied Science Degree – RESP.AAS.C23

This program is designed to prepare graduates as competent advanced-level respiratory therapists. Therapists provide care and treatment to patients suffering from breathing disorders and also may be involved in diagnostic testing, clinical supervision, and decision-making.

This two-year program puts equal emphasis on theory, clinical practice, and the professional behavior expected of a respiratory care therapist. This degree typically is not designed for transfer.

General Education (6 courses)

Credit hours: 17

All courses must be completed with a grade of C or better.

Complete all four sub-requirements:

1. Communications course - 6 credit hours
 - * ENGL 1413 - Fundamentals of Writing or ENGL 1613 - English I
 - * SPCH 1553 - Introductory Speech
2. Life science - 4 credit hours
 - The life science course must be taken prior to or concurrently with the first semester of Respiratory Therapist courses.
 - * BIOL 1554 - Human Biology or *BIOL 2654 - Anatomy & Physiology II
3. Humanities - 3 credit hours
 - PHIL 2543 - Death and Dying or PHIL 2523 - Ethics
4. Physical science - 4 credit hours
 - The physical science course must be taken prior to or concurrently with the first semester of Respiratory Therapist courses.
 - * PSCI 1514 - Introduction to Physical Science

Respiratory Therapist Major (15 courses)

Credit hours: 52

All courses must be completed with a grade of C or higher.

- * RESP 1113 - Respiratory Physiology
- * RESP 1224 - Clinical I
- * RESP 1324 - Respiratory Procedures I
- * RESP 1331 - Respiratory Skills I
- * RESP 1435 - Respiratory Procedures II
- * RESP 1445 - Respiratory Procedures III
- * RESP 2212 - Clinical Medicine
- * RESP 2225 - Clinical II
- * RESP 2245 - Clinical III
- * RESP 2353 - Cardiopulmonary Procedures
- * RESP 2411 - Professional Skills
- * RESP 2433 - Respiratory Procedures IV
- * RESP 2445 - Respiratory Procedures V
- * RESP 2453 - Respiratory Procedures VI
- * RESP 2483 - Respiratory Seminar

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 69

*Course has prerequisite.

Respiratory Therapist

Advanced Placement Sequence – RESPAAS.C23

Certified Respiratory Therapists (CRTS) can earn advanced placement in the Respiratory Therapist associate degree program. Certified therapists who earned a Respiratory Care Technology certificate from KCC will have satisfied the requirements for BIOL 1554, RESP 1425, RESP 1113, RESP 1435, RESP 1445, RESP 1224, RESP 2212, RESP 2445, and RESP 2225. Certified therapists who graduated from a different program will be evaluated on an individual basis. This degree typically is not designed for transfer.

Respiratory Therapist Major (5 courses)

Credit hours: 14

All courses must be completed with a grade of C or higher.

- * RESP 2245 - Clinical III
- * RESP 2353 - Cardiopulmonary Procedures
- * RESP 2433 - Respiratory Procedures IV
- * RESP 2453 - Respiratory Procedures VI

Respiratory Therapist Independent Study (2 courses)

Credit hours: 4

- * RESP 2411 - Professional Skills, may be taken any time after admission to the advanced placement sequence.
- * RESP 2483 - Respiratory Seminar

Respiratory Therapist Advanced Placement Credit

Credit hours: 38

General Education (5 courses)

Credit hours: 14

All courses must be completed with a grade of C or better.

Complete all four sub-requirements:

1. Communications course - 6 credit hours
 - * ENGL 1413 - Fundamentals of Writing or ENGL 1613 - English I
 - * SPCH 1553 - Introductory Speech
3. Physical science - 4 credit hours
 - * PSCI 1514 - Introduction to Physical Science
3. Humanities - 3 credit hours
 - PHIL 2543 - Death and Dying or PHIL 2523 - Ethics
4. Computer Science - 1 credit hour
 - COMP 1521 - Computer Literacy

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 70
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*Course has prerequisite.

Respiratory Therapist Advanced Placement Sequence

Courses required prior to acceptance in the program* (see note below)

	Credit hours
*ENGL 1413	3
*PSCI 1514	4
COMP 1521	1
*SPCH 1553	3
PHIL 2543	3
RESP Advanced Placement Credit	38

SUGGESTED COURSE SEQUENCE

Spring semester

*RESP 2411	1
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Summer session

General education, if needed

Fall Semester

*RESP 2245	5
*RESP 2353	3
*RESP 2433	3
*RESP 2453	3
*RESP 2483	3

ADDITIONAL PROGRAM INFORMATION

Requirements for consideration of acceptance into the advanced placement sequence will be the same as for those students applying to the first semester of the program.

Upon completion, the graduate is eligible to apply for admission to the National Board for Respiratory Care Exams to become a Registered Respiratory Therapist (RRT).

The program is accredited by the Commission on Accreditation for Respiratory Care (www.coarc.com): 1248 Harwood; Bedford, TX 76021-4244; 817-283-2835.

Each student in this program must have a physical exam, criminal background check without any disqualifying convictions, a negative drug screen, and have current medical insurance.

Supply Chain Management

Certificate

Curriculum code: V55A

It is possible for a student to take a small grouping of courses, which, taken as a unit, satisfy requirements for a particular position within the supply side management field. The student may submit written application to the Office of Admissions and Registration to receive written verification of completion of the certificate program.

	Credit hours
Supply Chain Management	
TWDL 1003 - Transportation and Physical Distribution	3
TWDL 1103 - Introduction to Supply Chain Management	3
TWDL 1203 - Introduction to Import/Export	3
TWDL 1303 - Principles of Operations Management	3
TWDL 1402 - Transportation and Cargo Security	2
Minimum credit hours required for completion:	14

Global Supply Chain

Certificate

Curriculum code: V55B

It is possible for a student to take a small grouping of courses, which, taken as a unit, satisfy requirements for a particular position within the global supply side management field. The student may submit written application to the Office of Admissions and Registration to receive written verification of completion of the certificate program.

	Credit hours
BSNS 1553 - Introduction to Business	3
BSNS 2143 - Human Relations in Business	3
* BSNS 1603 - Business Communications	3
BSNS 2553 - Principles of Management	3
COSC 1513 - Introduction to Information Processing	3
TWDL 1003 - Transportation and Physical Distribution	3
TWDL 1103 - Introduction to Supply Chain Management	3
TWDL 1203 - Introduction to Import/Export	3
TWDL 1303 - Principles of Operations Management	3
TWDL 1402 - Transportation and Cargo Security	2
Minimum credit hours required for completion:	29

Tower Construction and Maintenance

Certificate

Curriculum code: V54

It is possible for a student to take a small grouping of courses which, taken as a unit, may satisfy requirements for a particular position within the tower construction and maintenance field. The student may make written application to the Office of Admissions and Registration to receive written verification of completion of this certificate program.

TOWR 1111 - Tower Erection Basics
TOWR 1121 - Emergency Medical Response
TOWR 1131 - OSHA 10-Hour
TOWR 1141 - RF Safety and Hazard Signage
TOWR 1152 - Haz-Woper
TOWR 1162 - Tower Rescue and Competent Climber
TOWR 1171 - Rigging and Ropes
TOWR 1181 - Authorized Climber

Minimum credit hours required for completion: 5.5

PROGRAM NOTE

All courses are offered for variable credit. Credit will be determined by the instructor and can be varied, up to 1.5 semester hours, depending on student goals and needs. Please see the program coordinator for more information.

Welding Technology

Associate in Applied Science Degree – WELD.AAS.C33

The Welding curriculum is designed to provide the student with fundamental theory in the technology of welding processes, metallurgy, and fabrication design. He or she will develop practical skills in drafting, tungsten, and inert gas welding, metal inert gas welding, stick electrode welding, oxyacetylene welding, oxyacetylene cutting and oxyacetylene brazing. Students will be required to furnish personal protective equipment and tools. Welding Technology graduates are generally prepared to enter welding programs at selected colleges and universities with junior status.

Welding Technology Core (16 courses)

Credit hours: 48

Complete all three sub-requirements:

1. Welding - 20 credit hours
 - WELD 1114 - Basic Welding
 - *WELD 1124 - Advanced Arc Welding
 - *WELD 2044 - Pipe Welding
 - WELD 2124 - Tungsten Inert Gas Welding
 - WELD 2224 - Metallic Inert Gas Welding
2. Special Problems in Welding courses - 4 credit hours
 CHOOSE FOUR courses from the following 10 options
 - WELD 2301 - Special Problems in Welding
 - WELD 2311 - Special Problems in Welding
 - WELD 2321 - Special Problems in Welding
 - WELD 2331 - Special Problems in Welding
 - WELD 2341 - Special Problems in Welding
 - WELD 2351 - Special Problems in Welding
 - WELD 2361 - Special Problems in Welding
 - WELD 2371 - Special Problems in Welding
 - WELD 2381 - Special Problems in Welding
 - WELD 2391 - Special Problems in Welding
3. Additional courses - 24 credit hours
 - COSC 1513 - Introduction to Information Processing
 - DRFT 1154 - Technical Drafting & Print Reading or DRFT 2114 - Computer-Aided Drafting I
 - ELTR 1064 - Fundamentals of Electricity¹
 - ELTR 1402 - Industrial Safety
 - MCHN 1214 - Machine Tool I
 - *MCHN 1224 - Machine Tool II
 - WELD 1263 - Metallurgy & Heat Treatment

General Education (5 courses)

Credit hours: 16

Complete all four sub-requirements:

1. Communications² - 6 credit hours
 - *ENGL 1413 - Fundamentals of Writing
 - *BSNS 1603 - Business Communications
2. Mathematics - 3 credit hours
 - *MATH 1123 - Technical Mathematics II³
3. Physical Science - 4 credit hours
 - *PSCI 1514 - Introduction to Physical Science
4. Social Science - 3 credit hours
 - *SOCY 2513 - Sociology

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

¹Those who have completed ELTR 1014 or both ELTR 1062 and ELTR 1072 will not be required to take ELTR 1064.

²For transfer students, a higher level English course may be substituted.

³For transfer students, a higher level mathematics course may be substituted.

Welding Technology Associate in Applied Science Degree

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
ELTR 1064	4
MCHN 1214	4
*MCHN 1224	4
WELD 1114	4
Spring semester	
COSC 1513	3
ELTR 1402	2
*ENGL 1413	3
*MATH 1123	3
*WELD 1124	4
Fall semester	
DRFT 1154	4
PSCI 1514	4
*WELD 2044	4
WELD 2124	4
Spring Semester	
*BSNS 1603	3
*SOCY 2513	3
WELD 1263	3
WELD 2224	4
WELD Special problems courses	4

ADDITIONAL PROGRAM INFORMATION

A transfer agreement with at least one four-year college or university exists for this A.A.S. program. Students should consult an advisor for more information.

**Welding Technology
Advanced Certificate**

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
WELD 1114	4
MCHN 1214	4
Spring semester	
*WELD 1124	4
Technical electives	6
Fall semester	
WELD 2124	4
DRFT 1154	4
Spring semester	
WELD 1263	3
WELD 2224	4

Advanced Certificate in Welding Technology – WELD.CRT.C83

The Welding certificate curriculum is designed to develop within the student practical skills in drafting, tungsten inert gas welding, metal inert gas welding, stick electrode welding, oxyacetylene welding, oxyacetylene cutting and oxyacetylene brazing.

Welding Technology core (7 courses)	Credit hours: 27
DRFT 1154 - Technical Drafting & Print Reading	
MCHN 1214 - Machine Tool I	
WELD 1114 - Basic Welding	
*WELD 1124 - Advanced Arc Welding	
WELD 1263 - Metallurgy & Heat Treatment	
WELD 2124 - Tungsten Inert Gas Welding	
WELD 2224 - Metallic Inert Gas Welding	

Technical Elective (2-6 courses) Credit hours: 5
 CHOOSE TWO TO FIVE courses (to attain five credit hours) from any course with the prefix AIRC, AUTO, CNST, DRFT, DSGN, ELTR, MCHN or WELD.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 32

*Course has prerequisite.

Certificate Options in Welding Technology

It is possible for a student to take a small grouping of courses which, taken as a unit, may satisfy requirements for a particular position within the welding field. The student may submit a written application to the Office of Admissions and Registration to receive written verification of completion of the certificate program.

	Credit hours
Shielded Metal-Arc All Positions (8 hours)	
Curriculum code: C83B	
WELD 1114 - Basic Welding	4
*WELD 1124 - Advanced Arc Welding	4
Tungsten Inert Gas & Metallic Inert Gas (8 hours)	
Curriculum code: C83D	
WELD 2124 - Tungsten Inert Gas Welding	4
WELD 2224 - Metallic Inert Gas Welding	4
Pipe Welding (12 hours)	
Curriculum code: C83E	
WELD 1114 - Basic Welding	4
*WELD 1124 - Advanced Arc Welding	4
*WELD 2044 - Pipe Welding	4
Maintenance Welding (12 hours)	
Curriculum code: C32B	
WELD 1114 - Basic Welding	4
WELD 2124 - Tungsten Inert Gas Welding	4
WELD 2224 - Metallic Inert Gas Welding	4

General Studies

Associate in General Studies – LIB.AGS.L03

The Associate in General Studies is a degree that is customized to meet the unique needs of students whose objectives cannot be met through the college's transfer or occupational degrees. This degree is designed to meet the students' objectives such as obtaining a two year liberal education or meeting employment needs not offered through other programs. Because the curriculum for the General Studies degree is not part of the Illinois Articulation Initiative (see Page 35), transfer course credits completed within this degree are not guaranteed to be accepted by the senior institution. Students considering the General Studies degree should consult with an advisor to determine whether this degree will meet their educational goals and needs.

Communications General Education (3 courses) Credit hours: 9

* SPCH1553 - Introductory Speech

In addition, CHOOSE TWO courses from the following three options.

* ENGL 1413 - Fundamentals of Writing

* ENGL 1613 - English I

* ENGL 1623 - English II

Laboratory Science General Education¹ (2 courses) Credit hours: 8

CHOOSE TWO laboratory science courses from the list of general education courses for applied science degrees (see Page 64).

Mathematics General Education¹ (1 course) Credit hours: 3

CHOOSE ONE mathematics courses from the list of general education courses for applied science degrees (see Page 64).

Humanities General Education¹ (2 courses) Credit hours: 6

CHOOSE TWO humanities courses from the list of general education courses for applied science degrees (see Page 64).

Social and Behavioral Science General Education¹ (2 courses) Credit hours: 6

CHOOSE TWO social and behavioral science courses from the list of general education courses for applied science degrees (see Page 64).

Electives (8-11 courses) Credit hours: 32

CHOOSE 32 credit hours of courses from any elective area.

MINIMUM CREDIT HOURS REQUIRED FOR COMPLETION - 64

*Course has prerequisite.

¹Students planning to transfer to a baccalaureate college or university should take IAI general education courses listed on Page 37.

General Studies Associate in General Studies

SUGGESTED COURSE SEQUENCE

Fall semester	Credit hours
* Communications (ENGL) course	3
Social and Behavioral Science course	3
Humanities course	3
Electives	7
Spring semester	
* Communications (ENGL) course	3
Humanities course	3
Mathematics course	3
Electives	7
Fall semester	
* SPCH 1553 course	3
Laboratory Science course	4
Electives	9
Spring semester	
Laboratory Science course	4
Social and Behavioral Science course	3
Electives	9

Study abroad program



KCC students have the opportunity to study in a foreign country through the college's participation in the Illinois Consortium for International Studies Program.

The program is designed to help create a better understanding of these cultures by offering American undergraduates the opportunity to study literature, history, art, and politics in a foreign land.

Programs abroad include short-term summer programs and semester-long programs in Sydney, Australia (summer only); Salzburg, Austria; Xi'an, China; San Jose, Costa Rica (summer only); Canterbury, England; Dijon, France (summer only); Carlow, Ireland; and Seville, Spain.

Participants must have completed at least 12 semester hours of college credit courses at KCC and have a cumulative grade point averages of at least 2.75. Enrollment in the Study Abroad program courses that are approved for credit by KCC may be considered when determining enrollment status for assistance under the title IV, HEA programs. Study Abroad Program course enrollments may be included when applying for financial aid assistance.

Study Abroad Scholarships are available through the KCC Foundation. Consult the Foundation Scholarship booklet for more information. Scholarship applications for use in the upcoming academic year are due each April.

Study Abroad Program course enrollments may be included when applying for financial aid assistance.

Current study abroad classes are listed to the right. For more study abroad options, contact the program coordinator.

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Program application deadlines are April 15 for the upcoming fall semester and Oct. 15 for the upcoming spring semester. Summer semester deadlines vary depending on the program selected. Applications will be reviewed and participants selected by KCC and the Illinois Consortium of International Studies and Programs.

For a general overview, go to www.icisp.org.

For more information, contact Susan LaMore at 815-802-8208, e-mail slamore@kcc.edu to discuss the program. The KCC study abroad website is www.kcc.edu/studyabroad.

Current study abroad classes

	Credit hours
*ARTS 2903 - Spanish Art History	3
*ENGL 1853 - Introduction to Shakespeare	3
ENGL 2713 - Survey of British Literature I	3
*ENGL 2533 - Survey of British Literature II	3
GERM 1502 - German Conversation I	2
GERM 1514 - Elementary German	4
GERM 1524 - Intermediate German	4
HIST 1613 - Austrian Civilization	3
HIST 2543 - British History I	3
HIST 2553 - British History II	3
HIST 2613 - Modern Britain	3
HIST 2633 - Middle Ages	3
HIST 2643 - U.S. History I (1933-1950)	3
*HIST 2903 - History of Spain	3
HUMS 1534 - International Studies in the Humanities	4
*HUMS 2903 - The Three Cultures of Spain	3
PLSC 1723 - European Politics	3
SOSC 1533 - International Studies in the Social Sciences	3
SPAN 2533 - Introduction to Mexican Culture	3