

# Associate of Applied Science

The associate of applied science degree from JCCC:

- is designed with an emphasis in a specific career program.
- requires completion of a minimum of 60 college-level credit hours, not to exceed 68 credit hours, within specified course distribution subgroups, including areas of emphasis, with a 2.0 or higher GPA.
- the 68-credit-hour maximum shall not apply to any programs having external accreditation or industry requirements that exceed the 68-credit-hour limit.

The total program hours necessary to complete the associate of applied science degree include 15 credit hours of general education requirements plus the courses listed for the specific career program. Please refer to your specific degree for a list of all requirements.

<b>General Education Area</b>		<b>Credit Hours</b>
Communications, Associate of Applied Science		3
These courses fulfill the communications requirements for the Associate of Applied Science (AAS) degree.		
<b>Communications</b>		
ENGL 121	Composition I*	3
<b>If your specific degree program requires a communications elective, select one from the following:</b>		
COMS 120	Interpersonal Communication	3
or COMS 121	Public Speaking	
or COMS 125	Personal Communication	
or COMS 180	Intercultural Communication	
or ENGL 122	Composition II*	
or ENGL 123	Technical Writing I*	
or ENGL 140	Writing for Interactive Media*	
<b>Total Credit Hours:</b>		<b>3</b>
Humanities, Associate of Applied Science		3
These courses fulfill the humanities requirements for the Associate of Applied Science (AAS) degree.		
<b>One course from any of the following categories may count toward the three required hours.</b>		
<b>A. Literature/Theater</b>		
ENGL 130	Introduction to Literature*	3
ENGL 214	Environmental Literature*	3
ENGL 215	U.S. Latino and Latina Literature*	3
ENGL 217	Literature by Women*	3
ENGL 227	Introduction to Poetry*	3
ENGL 230	Introduction to Fiction*	3
ENGL 235	Drama as Literature*	3
ENGL 236	British Literature to 1800*	3
ENGL 237	British Literature after 1800*	3
ENGL 246	American Literature I*	3
ENGL 247	American Literature II*	3
ENGL 254	Masterpieces of the Cinema*	3
THEA 120	Introduction to Theater	3
<b>B. Foreign Language</b>		
FL 182	Intermediate Japanese I*	5
FL 192	Intermediate Chinese I*	3
FL 193	Intermediate Chinese II*	3
FL 220	Intermediate German I*	3
FL 221	Intermediate German II*	3
FL 230	Intermediate Spanish I*	3
FL 231	Intermediate Spanish II*	3
FL 240	Intermediate French I*	3

FL 241	Intermediate French II*	3
<b>C. History</b>		
HIST 125	Western Civilization: Ancient World to the Renaissance	3
HIST 126	Western Civilization: Scientific Revolution to the Modern Age	3
HIST 128	Medieval History	3
HIST 129	Early Modern Europe 1500-1789	3
HIST 130	European History Since 1789	3
HIST 135	Eastern Civilization	3
HIST 137	African American Studies	3
HIST 140	U.S. History to 1877	3
HIST 141	U.S. History Since 1877	3
HIST 151	World History: Traditional	3
HIST 152	World History: Modern World	3
HIST 160	Modern Russian History	3
HIST 162	Modern Latin America	3
HIST 260	Women in U.S. History	3
<b>D. Humanities</b>		
ARTH 180	Art History: Ancient to Medieval	3
ARTH 182	Art History: Renaissance to Modern	3
ARTH 184	Art History: Twentieth Century	3
ARTH 188	History of Photography	3
ARTH 200	Women, Art, and Society	3
HUM 122	Introduction to Humanities	3
HUM 145	Introduction to World Humanities I	3
HUM 146	Introduction to World Humanities II	3
HUM 155	Classical Mythology	3
HUM 156	Contemporary Approaches to World Mythology	3
HUM 165	Introduction to Chinese Culture	3
HUM 167	Introduction to Japanese Culture	3
JOUR 120	Mass Media and Society	3
MUS 121	Introduction to Music Listening	3
MUS 125	Introduction to Jazz Listening	3
MUS 126	Introduction to World Music	3
MUS 128	History of Rock and Roll Music	3
REL 120	Exploring World Religions	3
REL 125	Asian Religions	3
REL 126	Religions of the West	3
<b>E. Philosophy</b>		
PHIL 121	Introduction to Philosophy	3
PHIL 124	Logic and Critical Thinking	3
PHIL 128	Environmental Ethics	3
PHIL 143	Ethics	3
PHIL 154	History of Ancient Philosophy	3
PHIL 176	Philosophy of Religion	3
<b>Total Credit Hours</b>		<b>3</b>

Social Science and Economics, Associate of Applied Science 3

These courses fulfill the social science and economics requirements for the Associate of Applied Science (AAS) degree.

**One course from any of the following categories may count toward the three required hours.**

**A. Anthropology**

ANTH 125	Cultural Anthropology	3
ANTH 126	Physical Anthropology	3
ANTH 130	World Cultures	3

ANTH 142	World Prehistory	3
ANTH 165	Linguistic Anthropology	3
<b>B. Economics</b>		
ECON 132	Survey of Economics	3
ECON 230	Principles of Macroeconomics	3
ECON 231	Principles of Microeconomics	3
<b>C. Political Science</b>		
POLS 122	Political Science	3
POLS 124	American National Government	3
POLS 126	State and Local Government	3
POLS 132	Introduction to Comparative Government	3
POLS 135	International Relations	3
POLS 175	Environmental Policy and Law	3
POLS 192	Political Theory	3
POLS 220	Introduction to Public Policy	3
<b>D. Psychology</b>		
PSYC 121	Applied Psychology	3
PSYC 130	Introduction to Psychology	3
<b>E. Sociology</b>		
SOC 122	Introduction to Sociology	3
SOC 125	Social Problems	3
SOC 131	Sociology of Families	3
<b>F. Gender and Ethnic Studies</b>		
WGS 201	Global Women's Studies	3
<b>Total Credit Hours</b>		<b>3</b>
Science and/or Mathematics, Associate of Applied Science		3
These courses fulfill the science and/or mathematics requirements for the Associate of Applied Science (AAS) degree.		
<b>One course from any of the following categories may count toward the three required hours.</b>		
<b>A. Mathematics</b>		
MATH 116	Intermediate Algebra*	3
MATH 118	Geometry*	3
MATH 120	Business Mathematics*	3
MATH 130	Technical Mathematics I*	3
MATH 131	Technical Mathematics II*	3
MATH 165	Finite Mathematics*	3
MATH 171	College Algebra*	3
MATH 172	Trigonometry*	3
MATH 173	Precalculus*	5
MATH 175	Discrete Mathematics and its Applications*	3
MATH 181	Statistics*	3
MATH 231	Business and Applied Calculus I*	3
MATH 232	Business and Applied Calculus II*	3
MATH 241	Calculus I*	5
MATH 242	Calculus II*	5
MATH 243	Calculus III*	5
MATH 254	Differential Equations*	4
MATH 285	Statistics for Business*	4
<b>B. Life Science</b>		
BIOL 121	Introductory Biology for Non-Majors	4
BIOL 125	General Botany	5
BIOL 127	General Zoology	5
BIOL 135	Principles of Cell and Molecular Biology	4

BIOL 140	Human Anatomy	4
BIOL 144	Human Anatomy and Physiology*	5
BIOL 150	Biology of Organisms*	5
BIOL 225	Human Physiology*	4
BIOL 230	Microbiology*	3
BIOL 231	Microbiology Lab*	2
EVRN 124	Oceanus: Essentials of Oceanography	3
EVRN 130	Environmental Science	3
EVRN 131	Environmental Science Lab*	1
EVRN 134	Principles of Sustainability	3
<b>C. Physical Science</b>		
ASTR 120	Fundamentals of Astronomy	3
ASTR 122	Astronomy	4
CHEM 120	Chemistry in Society*	4
CHEM 122	Principles of Chemistry*	5
CHEM 124	General Chemistry I Lecture*	4
CHEM 125	General Chemistry I Lab*	1
CHEM 131	General Chemistry II Lecture*	4
CHEM 132	General Chemistry II Lab*	1
CHEM 140	Principles of Organic & Biological Chemistry*	5
GEOS 130	General Geology	5
GEOS 140	Physical Geography	3
GEOS 141	Physical Geography Lab*	2
GEOS 145	World Regional Geography	3
GEOS 155	Human Geography	3
PHYS 130	College Physics I*	5
PHYS 131	College Physics II*	5
PHYS 220	Engineering Physics I*	5
PHYS 221	Engineering Physics II*	5
PSCI 120	Physical Science	4
<b>Total Credit Hours</b>		<b>3</b>
3 additional credit hours to be selected from one of the above categories		3
<b>Total Hours:</b>		<b>15</b>

\*Course has prerequisites