

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 credit hours necessary to complete the associate of applied science degree include 15 credits of general education requirements plus the courses listed for the specific career program. At a minimum, the distribution must include:

General Education Area	Credit Hours
Communications Associate of Applied Science	3
These courses fulfill the communications requirements for the Associate of Applied Science (AAS) degree. Please refer to your specific degree for a list of all requirements.	
Communications	
ENGL 121 Composition I*	3
If your specific degree program requires a communications elective, choose three hours from the following:	
ENGL 122 Composition II*	3
ENGL 123 Technical Writing I*	3
ENGL 140 Writing for Interactive Media*	3
BUS 150 Business Communications*	3
SPD 120 Interpersonal Communication	3
SPD 121 Public Speaking	3
SPD 125 Personal Communication	3
SPD 180 Intercultural Communication	3
Total Program Hours:	3
Humanities Associate of Applied Science	3
These courses fulfill the humanities requirements for the Associate of Applied Science (AAS) degree. Please refer to your specific degree for a list of all requirements.	
One course from any of the following categories may count toward the three required hours.	
A. Literature/Theater	
ENGL 130 Introduction to 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 246 American Literature I*	3
ENGL 247 American Literature II*	3
ENGL 250 World Masterpieces*	3
ENGL 254 Masterpieces of the Cinema*	3
THEA 120 Introduction to Theater	3
B. Foreign Language	
FL 178 Intermediate Russian I*	3
FL 182 Intermediate Japanese I*	5
FL 192 Intermediate Chinese I*	3
FL 193 Intermediate Chinese II*	3
FL 195 Intermediate Arabic I*	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
C. History		
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 I: Traditional World	3
HIST 152	World History II: Modern World	3
HIST 160	Modern Russian History	3
HIST 162	Modern Latin America	3
D. Humanities		
ARTH 180	Art History: Ancient to Renaissance	3
ARTH 182	Art History: Renaissance to Modern	3
ARTH 184	Art History: Twentieth Century	3
ARTH 188	History of Photography	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	Religions of the East	3
REL 126	Religions of the West	3
E. Philosophy		
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
Total Program Hours		3

Social Science/Economics Associate of Applied Science 3

These courses fulfill the social science/economics requirements for the Associate of Applied Science (AAS) degree. Please refer to your specific degree for a list of all requirements.

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

A. Anthropology

ANTH 125	Cultural Anthropology	3
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ANTH 126	Physical Anthropology	3
ANTH 130	World Cultures	3
ANTH 142	World Prehistory	3
ANTH 165	Linguistic Anthropology	3
B. Economics		
ECON 132	Survey of Economics	3
ECON 230	Principles of Macroeconomics	3
ECON 231	Principles of Microeconomics	3
C. Political Science		
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
D. Psychology		
PSYC 121	Applied Psychology	3
PSYC 130	Introduction to Psychology	3
E. Sociology		
SOC 122	Introduction to Sociology	3
SOC 125	Social Problems	3
SOC 131	Sociology of Families	3
F. Gender and Ethnic Studies		
WGS 201	Global Women's Studies	3
Total Program Hours		3
Science and/or Mathematics Associate of Applied Science		3
These courses fulfill the science and mathematics requirements for the Associate of Applied Science (AAS) degree. Please refer to your specific degree for a list of all requirements.		
A. Mathematics		
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
B. Life Science		
BIOL 121	Introductory Biology for Non-Majors	4
BIOL 124	Oceanus: Essentials of Oceanography	3
BIOL 125	General Botany	5
BIOL 127	General Zoology	5

BIOL 130	Environmental Science	3
BIOL 131	Environmental Science Lab*	1
BIOL 134	Principles of Sustainability	3
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
C. Physical Science		
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
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
Total Program Hours		3
3 additional credit hours to be selected from one of the above categories		3
Total Hours:		15

*Course has prerequisites