

# 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 64 college-level credit hours within specified course distribution areas, including emphasis of study, with a 2.0 GPA.

The credit hours necessary to complete the associate of applied science degree include 16 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 (p. 1)		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.		
<b>Communications</b>		
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
<b>Total Program Hours:</b>		<b>3</b>
Humanities Associate of Applied Science (p. 1)		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.		
<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 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>B. Foreign Language</b>		
FL 178	Intermediate Russian I*	3
FL 179	Intermediate Russian II*	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
<b>C. History</b>		
HIST 125	Western Civilization: Readings and Discussion I	3
HIST 126	Western Civilization: Readings and Discussion II	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
<b>D. Humanities</b>		
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
REL 120	Exploring World Religions	3
REL 125	Religions of the East	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 143	Ethics	3
PHIL 154	History of Ancient Philosophy	3
PHIL 176	Philosophy of Religion	3
<b>Total Program Hours</b>		<b>3</b>
Social Science/Economics Associate of Applied Science (p. 1)		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.		
<b>A. Anthropology</b>		
ANTH 125	Cultural Anthropology	3
ANTH 126	Physical Anthropology	3
ANTH 130	World Cultures	3

ANTH 142	World Prehistory	3
<b>B. Economics</b>		
ECON 132	Survey of Economics	3
ECON 230	Economics I	3
ECON 231	Economics II	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
<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 Program Hours</b>		<b>3</b>
Science and/or Mathematics Associate of Applied Science (p. 1)		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.		
<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 225	Mathematics as a Decision Making Tool*	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>B. Life Science</b>		
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
<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
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 Program Hours</b>		<b>3</b>
<b>Note: MATH 173 is not available for credit to students who have completed MATH 171 and/or MATH 172. Students who have credit in MATH 173 will not receive credit for MATH 171 and/or .</b>		
3 additional credit hours to be selected from one of the above categories		3
Health and/or Physical Education Associate of Applied Science (p. 1)		1
These courses fulfill the health and/or physical education requirements for the Associate of Applied Science (AAS) degree. Please refer to your specific degree for a list of all requirements.		
<b>Health and/or Physical Education</b>		
HPER	Any Activity Course/Lifetime Fitness	1
EMS 121	CPR I - Basic Life Support for Healthcare Provider	1
BIOL 132	Introduction to Public Health	3
HMEC 151	Nutrition and Meal Planning	3
HPER 192	Wellness for Life	1
HPER 200	First Aid and CPR	2
HPER 202	Personal Community Health	3
HPER 255	Introduction to Physical Education	3
<b>Total Program Hours</b>		<b>1</b>
<b>NOTE: The following HPER courses do NOT meet the general education requirement for Health and/or Physical Education--</b>		
HPER 174	Coaching and Officiating of Track and Field	2
HPER 195	Introduction to Sports Medicine	3
HPER 198	Athletic Training Practicum I	1
HPER 204	Care and Prevention of Athletic Injury	3
HPER 207	Athletic Training Practicum 2*	2
HPER 208	Introduction to Exercise Physiology	3
HPER 220	Sports Officiating	3

HPER 224	Outdoor Recreation	3
HPER 245	Elementary Physical Education	3
Total Hours:		16