

Johnson County Community College Transfer Program to Wichita State University **College of Engineering** 2020-21 Catalog Contact for WSU: Phone: 316-978-3400

www.wichita.edu/academics/ engineering/essc/advising/

Home page:

www.wichita.edu/engineering

The Associate of Arts degree (A.A.) at JCCC is a general transfer degree and partners well with the first two years of most bachelor degree programs. Students pursuing the A.A. may select courses that satisfy both the A.A. degree requirements and lower division requirements for a bachelor's degree at four-year institutions. The elective hours within the A.A. allow students to complete additional general education and lower division courses required for specific majors. The A.A. degree requires completion of 60 credit hours. To be eligible for graduation from Wichita State University, students transferring from a two-year college must complete at least 60 credit hours of four-year college work and 45 credit hours of upper-division coursework. Meeting with a JCCC counselor is strongly recommended for selection of appropriate courses.

General Education Requirements for Wichita State University

Effective Fall 2020, with AA/AS exceptions noted below, students must complete 36 credit hours of general education requirements as part of the WSU bachelor's degree. At least nine hours of the 36 credit hours must be numbered 300 or above. For all College of Engineering majors (except ET and AC), 300-level general education coursework is satisfied by degree requirements. One course from the student's major area may be used toward general education requirements. The 36 credit hours are divided as follows:

- 12 credit hours: Four Foundation Courses (grade of C- or better)
- 12 credit hours: One course from each of the four Academic Divisions Fine Arts, Humanities, Social/Behavioral Sciences, Mathematics and Natural Sciences
- 12 credit hours: Four courses chosen from at least two of the four Academic Divisions above. For all Engineering Majors (except AC, CS, ET), three of the four courses will be from Mathematics and Natural Sciences division.

NOTE: General education requirements vary by major.

WSU College of Engineering

- To graduate from a WSU Engineering Program, a candidate must attain 2.0 GPA in each of the following categories:
 - All college and university work attempted (cumulative GPA)
 - o All work attempted at WSU (WSU GPA) ·
 - o All work in the student's major at WSU including Engineering+ requirements.
- Most engineering courses have prerequisites and/or corequisites; the prerequisite course must have been completed before the course requiring it can be taken, and the co-requisite must be completed prior to or taken concurrently with the required course sequence.
- Specific engineering courses for each major will be provided during student advising.

WSU Engineering Majors:

- Aerospace Engineering (AE)
- Applied Computing (AC) (optional Cybersecurity focus available)
- Biomedical Engineering (BME)
- Computer Engineering (CE)
- Computer Science (CS)
- Electrical Engineering (EE)
- Industrial Engineering (IE)
- Product Design & Manufacturing Engineering (PDME)
- Mechanical Engineering (ME)
- Engineering Technology (ET)

ET Concentrations:

- o Civil Engineering Technology (CE)
- o Engineering Technology Management (ETM)
- o Facilities Management (FM)
- Mechatronics Technology (MT)

WSU Transfer Students Should Remember:

- **Dual Advising:** WSU strongly suggests that potential transfer students involve their WSU advisor in program planning. Sign up for dual advising here: https://www.wichita.edu/dualadvising
- **Graduation Requirements:** To qualify for graduation with a WSU bachelor's degree, transfer students must meet certain requirements such as course credit hours, levels, GPA, and residency. Transfer students should visit the following page to familiarize themselves with all requirements: http://catalog.wichita.edu/undergraduate/academics/graduation
- WSU Transfer Policy Credit Acceptance: It is the policy of Wichita State University (WSU) to accept all credits with the exception of remedial coursework earned at a post- secondary institution accredited by one of the U.S. regional accrediting agencies. Each academic college or department within WSU determines how those credits apply toward a particular degree program. Sometimes there can be a significant difference between what transfers and what counts toward a degree, especially if the courses are vocational in nature.
- WSU Transfer Policy AA/AS Degrees: Students transferring to WSU with an AA or AS degree from a Kansas public community college will be considered to have satisfied WSU's general education curriculum provided that they successfully complete, at WSU (with a grade of C- or better), two general education courses numbered 300 or above. These two courses must be in two separate divisions or subject areas. Students must also complete the WSU or WSU-equivalent Foundation courses with a grade of C- or better.
 - Note: Students completing JCCC courses equivalent to the full WSU general education curriculum are not required to complete the two above-mentioned general education courses numbered 300 or above at WSU.
- Students who transfer to WSU without completing AA or AS degree: Courses will be evaluated on a course-by-course basis toward meeting WSU requirements.
- Note: While JCCC courses equivalent to WSU courses numbered 300 or above may count toward
 the required nine hours of general education numbered 300 or above, they do not count toward the
 45 credit hours of upper-division requirement. All students are also required to complete the WSU
 or WSU-equivalent Foundation courses with a grade of C- or better.

REQUIREMENTS FOR ICCC ASSOCIATE OF ARTS

* JCCC course has a prerequisite or corequisite.

(L) Course meets JCCC Lab Science requirement and carries the lab attribute for WSU.

^JCCC Cultural Diversity Requirement for JCCC Associate of Arts; one required for Associate of Arts.

For additional Cultural Diversity courses, see

http://catalog.jccc.edu/degreerequirements/associate-arts/

Communications Requirements for JCCC Associate of Arts

Complete all three courses (with a grade of C or better):

WSU Course	Hrs	JCCC Equivalent	Hrs	WSU	
				Requirement	
English Composition					
ENGL 101 College English I	3	ENGL 121 Composition I*	3	Foundation	
ENGL 102 College English II	3	ENGL 122 Composition II*	3	Foundation	
Oral Communication					
COMM 111 Public Speaking	3	COMS 121 Public Speaking OR	3	Foundation	
		COMS 125 Personal Communication			

Humanities Requirements for JCCC Associate of Arts

(6 hours, no more than one course from each area)

WSU Course	Hrs	JCCC Equivalent	Hrs	WSU		
		•		Requirement		
A. Literature/Theatre	A. Literature/Theatre					
ENGL 230 Exploring Literature	3	ENGL 130 Introduction to Literature*	3	Humanities		
ENGL 310 Nature of Poetry	3	ENGL 227 Introduction to Poetry*	3	Humanities		
ENGL 330 The Nature of Fiction	3	ENGL 230 Introduction to Fiction*	3	Humanities		
ENGL 320 The Nature of Drama	3	ENGL 235 Drama as Literature*	3	Humanities		
ENGL 360 Major British Writers I	3	ENGL 236 British Literature to 1800*	3	Humanities		
ENGL 361 Major British Writers II	3	ENGL 237 British Lit. II after 1800*	3	Humanities		
ENGL 362 Major American Writers I	3	ENGL 246 American Literature I*	3	Humanities		
ENGL 363 Major American Writers II	3	ENGL 247 American Literature II*	3	Humanities		
THEA 143 The Art of the Theater	3	THEA 120 Introduction to Theatre	3	Fine Arts		
B. Foreign Language						
GERM 210 Intermediate German I	3	FL 220 Intermediate German I*	3	Humanities		
GERM 224 Intermediate German II	3	FL 221 Intermediate German II*	3	Humanities		
SPAN 210 Intermediate Spanish	3	FL 230 Intermediate Spanish I*	3	Humanities		
FREN 223 Intermediate French	3	FL 241 Intermediate French II*	3	Humanities		
Readings I						

JCCC Humanities continued on next page...

JCCC Humanities continuation...

WSU Course	Hrs	JCCC Equivalent	Hrs	WSU Requirement
C. History				
HIST 2000 History Elective	3	HIST 125 Western Civ: Ancient World to the Renaissance	3	Humanities
HIST 102 Western Civ Since 1648	3	HIST 126 Western Civ: Scientific Revolution to the Modern Age	3	Humanities
HIST 2000 History Elective	3	HIST 130 European History Since 1789	3	Humanities
HIST 131 History of the US: Colonial to 1865	3	HIST 140 U.S. History to 1877	3	Humanities
HIST 132 History of the US: Since 1865	3	HIST 141 U.S. History Since 1877	3	Humanities
HIST 101 World Civilization to 1500	3	^HIST 151 World History I: Traditional	3	Humanities
HIST 100 The Human Adventure: World Civilization Since 1500	3	^HIST 152 World History II: Modern	3	Humanities
HIST 320 Russian History Survey	3	^HIST 160 Modern Russian History	3	Humanities
HIST 312 Modern Latin America	3	^HIST 162 Modern Latin America	3	Humanities
D. Humanities	ı			
ARTH 2000 Art History Elective	3	^ARTH 180 Art History: Ancient to Medieval	3	Fine Arts
ARTH 2000 Art History Elective	3	ARTH 182 Art History: Renaissance to Modern	3	Fine Arts
HUMN 2000 Humanities Elective	3	HUM 122 Introduction to Humanities	3	Humanities
HUMN 2000 Humanities Elective	3	^HUM 145 Introduction to World Humanities I	3	Humanities
HUMN 2000 Humanities Elective	3	^HUM 146 Introduction to World Humanities II	3	Humanities
HUMN 2000 Humanities Elective	3	HUM 155 Classical Mythology	3	Humanities
COMM 130 - Communication & Society	3	JOUR 120 Mass Media and Society	3	Social & Behav Sci
MUSC 160 What to Listen for in Music	3	MUS 121 Introduction to Music Listening	3	Fine Arts
MUSC 162 World Music	3	^MUS 126 Introduction to World Music	3	Fine Arts
MUSC 2000 Music Elective	3	^MUS 128 History of Rock & Roll Music	3	Fine Arts

JCCC Humanities continued on next page...

JCCC Humanities continuation...

WSU Course	Hrs	JCCC Equivalent	Hrs	WSU
				Requirement
REL 2000 Religion Elective	3	^REL 120 Exploring World Religions	3	Humanities
REL 2000 Religion Elective	3	^REL 125 Religions of the East	3	Humanities
REL 2000 Religion Elective	3	^REL 126 Religions of the West	3	Humanities
E. Philosophy				
PHIL 100 Meaning of Philosophy	3	PHIL 121 Introduction to Philosophy	3	Humanities
PHIL 105 Critical Reasoning	3	PHIL 124 Logic and Critical	3	Humanities
		Thinking		See note on page
		-		11 for CS Major
PHIL 144 Moral Issues	3	PHIL 143 Ethics	3	Humanities
PHIL 331 Ancient Greek Philosophy	3	PHIL 154 History of Ancient Phil.	3	Humanities
PHIL 346 Philosophy of Religion	3	PHIL 176 Philosophy of Religion	3	Humanities

Social Science/Economics Requirements for JCCC Associate of Arts

(6 hrs, no more than one course from each area)

WSU Course	Hrs	JCCC Equivalent	Hrs	WSU Requirement
A. Anthropology				
ANTH 102 Cultural	3	^ANTH 125 Cultural Anthropology	3	Social & Behavioral
Anthropology				Sciences
ANTH 303 - World Cultures	3	^ANTH 130 World Cultures	3	Social & Behav Sci
ANTH 103 Introduction to	3	^ANTH 142 World Prehistory	3	Social & Behav Sci
Archaeology				
Note: JCCC ANTH 142 and AN	VTH 14	14 are each (individually) equivalents to	WSU	ANTH 103. If both are
taken, this counts as 3 hours of	WSU g	general education and 3 hours elective.		
ANTH 352 Linguistic	3	^ANTH 165 Linguistic Anthropology	3	Social & Behav Sci
Anthropology				
B. Economics				
ECON 201 Principles of	3	ECON 230 Principles of	3	Social & Behav Sci
Macroeconomics		Macroeconomics		Required for AE, ET
ECON 202 Principles of	3	ECON 231 Principles of	3	Social & Behav Sci
Microeconomics		Microeconomics		
C. Political Science				
POLS 2000 Pol Sci Elective	3	POLS 122 Political Science	3	Social & Behav Sci
POLS 121 - American Politics	3	POLS 124 American National Govt	3	Social & Behav Sci
POLS 319 - State Government	3	POLS 126 State & Local Government	3	Social & Behav Sci
POLS 226 - Comparative	3	^POLS 132 Introduction to	3	Social & Behav Sci
Politics		Comparative Government		
POLS 220 – Introduction to	3	^POLS 135 International Relations	3	Social & Behav Sci
International Relations				
POLS 232 - Political Theory	3	^POLS 192 Political Theory	3	Social & Behav Sci
and Philosophy				

JCCC Social Sciences/Economics continued on next page...

JCCC Social Sciences/Economics continuation...

WSU Course	Hrs	JCCC Equivalent	Hrs	WSU Requirement	
D. Psychology					
PSY 111 General Psychology	3	PSYC 130 Intro to Psychology	3	Social & Behav Sci	
				Required for AC	
E. Sociology					
SOC 111 Intro to Sociology	3	^SOC 122 Intro to Sociology	3	Social & Behav Sci	
SOC 320 - Contemporary	3	^SOC 125 Social Problems	3	Social & Behav Sci	
Social Problems					
SOC 315 - Marriage & Families	3	SOC 131 Sociology of Families	3	Social & Behav Sci	
F. Gender and Ethnic Studies					
WOMS 287 - Women In Society:	3	^WGS 201 Global Women's Studies	3	Humanities	
Social Issues					

Science and Math Requirements for JCCC AA (9 hrs with one Math and one Lab Science)

Note WSU Program-Specific Requirements on pages 10-12 of this guide.

WSU Course	Hrs	JCCC Equivalent	Hrs	WSU Requirement
A. Life Science				
BIOL 210 General Biology I	4	BIOL 135 Principles of Cell and	4	See Program-
		Molecular Biology(L)		Specific Information
				on pages 10-12
BIOL 223 Human Anatomy	8	BIOL 140 Human Anatomy AND BIOL	4	See Program-
and Physiology		225 Human Physiology* (L) OR	4	Specific Information
		BIOL 144 Human Anatomy and		on pages 10-12
BIOL 223 Human Anatomy	5	Physiology* (L)	5	
and Physiology				
BIOL 211 General Biology II	5	BIOL 150 Biology of Organisms* (L)	5	See Program-
				Specific Information
				on pages 10-12
B. Physical Science	•		ı	1
PHYS 195 Intro to Modern	3/1	ASTR 122 Astronomy (L)	4	Math & Natural Sci
Astronomy and				
PHYS 196 Lab in Modern				
Astronomy				
CHEM 103 Introductory	5	CHEM 140 Principles of Organic &	5	See Program-
General, Organic and		Biological Chemistry* (L)		Specific Information
Biochemistry				on pages 10-12
CHEM 211 General	4/1	CHEM 124/125 General Chemistry I	4/1	Math & Natural
Chemistry I and		Lecture* and Lab* (L)		Sciences for all WSU
CHEM 211L Lab				Engineering majors
				(except AC, CE, CS)

JCCC Science/Math continued on next page....

JCCC Science/Math continuation...

WSU Course	Hrs	JCCC Equivalent	Hrs	WSU Requirement
CHEM 212/212L General	4/1	CHEM 131/132 General Chemistry II	4/1	See Program-
Chemistry II		Lecture */Lab* (L)		Specific Information
and Lab				on pages 10-12
GEOL 111 General Geology	5	GEOS 130 General Geology (L)	5	See Program-
				Specific Information
				on pages 10-12
GEOG 210 - Introduction to	3	^GEOS 145 World Regional	3	Social and
World Geography		Geography		Behavioral Sciences
PHYS 213 General College	5	PHYS 130 College Physics I* (L)	5	See Program-
Physics I				Specific Information
				on pages 10-12
PHYS 214 General College	5	PHYS 131 College Physics II* (L)	5	See Program-
Physics II				Specific Information
				on pages 10-12
PHYS 313 Physics for	4/1	PHYS 220 Eng. Physics I* (L)	5	Math & Natural
Scientists I AND PHYS 315				Sciences for all WSU
University Physics Lab I				Engineering majors
				(except AC)
PHYS 314 Physics for	4/1	PHYS 221 Engineering Physics II* (L)	5	Math & Natural
Scientists II AND				Sciences for all WSU
PHYS 316 University				Engineering majors
Physics Lab II				(except AC)
C. Mathematics			•	,
MATH 111 College Algebra	3	MATH 171 College Algebra*	3	See Program-
MATH 123 College Trig	3	MATH 172 Trigonometry*	3	Specific Information
MATH 112 Precalc Math	3	MATH 173 Precalculus*	3	on pages 10-12
	5	Note prerequisites for additional Math	5	
		courses required for major		
STAT 370 Elementary	3	MATH 181 Statistics*	3	Math & Natural
Statistics				Sciences for all WSU
				Engineering majors
				(except AC, AE, ET,
				ME)
MATH 242 Calculus I	5	MATH 241 Calculus I*	5	Math & Natural
				Sciences for all WSU
				Engineering majors
				(except AC)
MATH 243 Calculus II	5	MATH 242 Calculus II*	5	Math & Natural
				Sciences for all WSU
				Engineering majors
				(except AC)

JCCC Science/Math continued on next page....

JCCC Science/Math continuation...

WSU Course	Hrs	JCCC Equivalent	Hrs	WSU Requirement
MATH 344 Calculus III	5	MATH 243 Calculus III*	5	Math & Natural
				Sciences (Only AE,
				EE, ME)
MATH 350 Modeling		MATH 254 Differential Equations*	4	Math & Natural
Differential Equations				Sciences for all WSU
		Note: Math Minors should discuss		Engineering majors
		with WSU advisor before enrolling		(except AC, CS, IE,
				ET)

Electives for JCCC Associate of Arts

Students may wish to choose electives from the remaining pages to complete 60-hour minimum required for JCCC AA while meeting requirements toward WSU Bachelor degree. Students should consider residency requirements and upper-level course requirements at WSU. WSU strongly suggests that potential transfer students involve their WSU advisor in program planning. Sign up for dual advising here: https://www.wichita.edu/dualadvising

Additional JCCC Courses that meet General Education Requirements at WSU

WSU Course	Hrs	JCCC Equivalent	Hrs	WSU Requirement		
ANTH 103 - Intro to	3	ANTH 144 Archaeology	3	Social & Behav Sci		
Archaeology						
Note: JCCC ANTH 142 and .	ANTH 1	44 are each (individually) equivalents to	WSU A	NTH 103. If both are		
taken, this counts as 3 hours of WSU general education and 3 hours elective.						
ANTH 303 - World	3	^ANTH 150 People/Cultures of	3	Social & Behav Sci		
Cultures		Mesoamerica				
ARTS 270 - Introduction to	3	ART 142 Ceramics I	3	Fine Arts		
Ceramics						
CHEM 531 - Organic	5	CHEM 220 Organic Chemistry I* (L)	5	See Program-		
Chemistry I				Specific Information		
				on pages 10-12		
PC 105 - Intro to Computers	3	CIS 124 Introduction to Computer	3	See Program-		
and Applications OR		Concepts and Applications		Specific Information		
		(Carries WSU Lab attribute)		on pages 10-12		
BADM 161 - Business						
Software: Word AND	1					
BADM 162 - Business						
Software: Excel AND	1					
BADM 163 - BA Software:						
Access & Powerpt	1					
SOC 539 - Juvenile	3	CJ 133 Juvenile Behavior	3	Social & Behav Sci		
Delinquency						

Additional Courses continued on next page....

Additional Courses continuation...

WSU Course	Hrs	JCCC Equivalent	Hrs	WSU Requirement
COMM 302 - Interpersonal	3	COMS 120 Interpersonal	3	Humanities
Communication		Communication		
		(Meets Communication Requirement		
		for JCCC AA, but does not count as		
		Foundation Course at WSU)		
COMM 335 - International	3	^COMS 180 Intercultural	3	Humanities
and Intercultural		Communication		
Communication OR		(Meets Communication Requirement		
ETHS 210 – Fundamentals	3	for JCCC AA, but does not count as		
of Cross-Cultural		Foundation Course at WSU)		
Communications				
ENGL 2000 – Engl Elective	3	ENGL 205 Bible as Literature*	3	Humanities
ENGL 2000 – Engl Elective	3	ENGL 243 Literature of Science	3	Humanities
		Fiction*		
ENGL 2000 – Engl Elective	3	^ENGL 244 Literature of American	3	Humanities
		Popular Music*		
COMM 321 - Introduction	3	^FMS 100 Intro to Film	3	Humanities
to Film Studies				
SOC 346 - Sociology of	3	^GIST 250 Introduction to	3	Social & Behav Sci
Globalization		Globalization		
HIST 535 - History of	3	HIST 120 Local & Kansas History	3	Humanities
Kansas				
PHIL 306 - Business Ethics	3	PHIL 140 Business Ethics	3	Humanities
PHIL 322 - Early Modern	3	PHIL 210 History of Modern	3	Humanities
Philosophy		Philosophy		
PSY 414 - Child Psychology	3	PSYC 215 Child Development*	3	Social & Behav Sci
PSY 325 - Developmental	3	PSYC 218 Human Development*	3	Social & Behav Sci
Psychology OR				
CESP 334 - Intro Diversity				
Hum Growth/Dev				
PSY 323 - Social Psychology	3	^PSYC 220 Social Psychology*	3	Social & Behav Sci
CJ 593 - Crime Causation	3	SOC 127 Criminology	3	Social & Behav Sci
and Criminal Justice Policy				
SCWK 201 – Introduction	3	^SOC 146 Introduction to Social Work	3	Social & Behav Sci
to Soc Work/Soc Welfare		and Social Welfare OR		
		SOC 147 Social Work & Social Justice	3	

^{*} JCCC course has a prerequisite or corequisite.

For additional Cultural Diversity courses, see http://catalog.jccc.edu/degreerequirements/associate-arts/

⁽L) Course meets JCCC Lab Science requirement and carries the lab attribute for WSU.

[^]Also meets JCCC Cultural Diversity Requirement, one course required for JCCC AA.

Program-Specific Requirements

WSU Engineering Majors:

- Aerospace Engineering (AE)
- Applied Computing (AC) (optional Cybersecurity focus available)
- Biomedical Engineering (BME)
- Computer Engineering (CE)
- Computer Science (CS)
- Electrical Engineering (EE)
- Industrial Engineering (IE)
- Product Design & Manufacturing Engineering (PDME)
- Mechanical Engineering (ME)
- Engineering Technology (ET)

ET Concentrations:

- o Civil Engineering Technology (CE)
- o Engineering Technology Management (ETM)
- o Facilities Management (FM)
- Mechatronics Technology (MT)

MATH & NATURAL SCIENCES

Required for all College of Engineering majors.

- CHEM 124 Gen Chemistry I Lecture and CHEM 125 Gen Chemistry I (L) (except AC, CE, CS)
- MATH 241 Calculus I (except AC)
- MATH 242 Calculus II (except AC)
- MATH 243 Calculus III (only AE, EE, ME)
- MATH 181 Statistics (except AC, AE, ET, ME)
- MATH 254 Differential Equations (except AC, CS, IE, ET)
- PHYS 220 Engineering Physics I (L) (except AC)
- PHYS 221 Engineering Physics II (L) (except AC)

NATURAL SCIENCES ELECTIVE

Only AE, ME majors. Complete one course in BIOL, CHEM, GEOL or PHYS. Lab required.

BIOL

- BIOL 135 Principles of Cell & Molecular Biology (L)
- BIOL 140 Human Anatomy and BIOL 225 Human Physiology (L)
- BIOL 144 Human Anatomy & Physiology (L)
- BIOL 150 Biology of Organisms (L)

CHEM

- CHEM 131 General Chemistry II Lecture **and** CHEM 132 General Chemistry II (L) (also satisfies IE Nat Science elective)
- CHEM 220 Organic Chemistry I (L) (AE only)

GEOL

• GEOS 130 General Geology (L)

PHYS

ASTR 122 Astronomy (L)

OTHER COURSES BY MAJOR

Aerospace Engineering – AE

- ENGR 131 Engineering Graphics I: AutoCAD
- ENGR 254 Dynamics
- ENGR 251 Statics

Applied Computing – AC

- MATH 171 College Algebra or MATH 171H HON: College Algebra
- MATH 172 Trigonometry or MATH 172H HON: Trigonometry
- PHYS 130 General Physics I (L)
- PHYS 131 General Physics II (L)
- CIS 124 Introduction to Computer Concepts and Applications

Biomedical Engineering - BME

- CHEM 131 General Chemistry II Lecture and CHEM 132 General Chemistry II Lab (L)
- CHEM 140 Principles of Organic & Biological Chemistry (L)
- BIOL 135 Principles of Cell & Molecular Biology (L)
- BIOL 144 Human Anatomy & Physiology (L)
- ENGR 251 Statics

Computer Engineering – CE

- CS 200 Concepts of Programming Algorithms Using C++
- CS 250 Basic Data Structures Using C++

Computer Science (CS)

- Computer Science majors choose JCCC's PHIL 124 Logic & Critical Thinking (minimum grade of C). This course will also satisfy the general education humanities requirement.
- CS 200 Concepts of Programming Algorithms Using C++
- CS 250 Basic Data Structures Using C++

Electrical Engineering – EE

- CS 200 Concepts of Programming Algorithms Using C++
- ENGR 251 Statics

Industrial Engineering – IE

- CS 200 Concepts of Programming Algorithms Using C++
- ENGR 131 Engineering Graphics I

Product Design & Manufacturing Engineering – PDME

- ENGR 131 Engineering Graphics I: AutoCAD
- ENGR 251 Statics

Mechanical Engineering – ME

- ENGR 131 Engineering Graphics I: AutoCAD
- ENGR 254 Dynamics
- ENGR 251 Statics

Engineering Technology - ET

- ACCT 121 Accounting I and ACCT 122 Accounting II (ETM only)
- CIS 124 Introduction to Computer Concepts and Applications (FM, ETM only)
- CS 200 Concepts of Programming Algorithms Using C++ (CE, MT only)
- ENGR 131 Engineering Graphics I: AutoCAD
- MKT 230 Marketing (ETM only)

It is the STUDENT'S RESPONSIBILITY to check for updates to all transfer information. This transfer guide is provided as a service and is updated as needed. Degree requirements at the four-year colleges are subject to change by those institutions. To ensure you have the most accurate up to date information about the program, it is imperative you meet with an advisor at the transfer institution.