



**Pre-Summer 2009**  
**Associate of Science to the Ohio State University**  
**COLLEGE OF ENGINEERING**



By following this Transfer guide, Columbus State Associate of Science students can satisfy both Columbus State Core Requirements and most Ohio State University General Education Curriculum Requirements. Ohio State GEC course equivalents are listed in the right-hand column. Courses listed as "SPL" fulfill requirements although there is no direct course equivalency. Columbus State Electives should be chosen according to intended major or to fulfill additional GEC requirements, as per the examples on the reverse side. Ohio State requirements are always subject to change and the student is responsible for keeping a current guide.

<b>Columbus State Degree Requirements.....</b>			<b>Satisfy these Ohio State Requirements</b>	
<b>FRESHMAN SEMINAR - 2 hours.</b> Take in conjunction with ENGL 101 or ENGL 111.				
ASC 190	<b>Credit</b>	<b>Grade</b>	<b>Elective</b>	
	2	_____		
<b>COMMUNICATION SKILLS - 13 hours required</b>			<b>WRITING AND RELATED SKILLS</b>	
<b>English Composition</b>			<b>A. First Course</b>	
ENGL 101	Beginning Composition <i>and</i>	3	_____	
ENGL 102	Essay and Research <i>or</i>	3	_____	
ENGL 111	English Composition ( <i>by placement only</i> )	5	_____	
<b>Composition and Literature (Choose One)</b>			<b>B. Second Course</b>	
ENGL 250	Writing about the Amer. Experience	5	_____	
ENGL 251	American Identity	5	_____	
ENGL 252	Images of Men and Women	5	_____	
ENGL 253	Regional American Writing	5	_____	
<b>Oral Communication</b>			<b>Elective</b>	
COMM 105/110/115	(Choose One)	3	_____	
■ <i>Satisfies a social diversity in the United States requirement at OSU.</i>				
<b>MATHEMATICS - 10 hours required</b>			<b>QUANTITATIVE &amp; LOGICAL SKILLS</b>	
MATH 151	Calculus & Analytic Geometry I	5	_____	
MATH 152	Calculus & Analytic Geometry II	5	_____	
<b>BIOLOGICAL &amp; PHYSICAL SCIENCE - 25 hrs required</b>			<b>NATURAL SCIENCE</b>	
PHYS 177	General Physics I	5	_____	
PHYS 178	General Physics II	5	_____	
PHYS 179	General Physics III	5	_____	
CHEM 171	General Chemistry I	5	_____	
<i>and</i>				
CHEM 172	General Chemistry II	5	_____	
CHEM 173	General Chemistry III	5	_____	
<i>or</i>				
MATH 153	Calculus/Analytic Geometry III	5	_____	
MATH 254	Calculus/Analytic Geometry IV	5	_____	
<b>SOCIAL SCIENCE - 15 hrs required</b>			<b>SOCIAL SCIENCE</b>	
SSCI 101	Cultural Diversity	5	_____	
SSCI 102	Popular Culture	5	_____	
SSCI 104	Human Economic Geography	5	_____	
■ <i>Satisfies a social diversity in the United States requirement at OSU.</i>				
<b>HUMANITIES - 15 hours required</b>			<b>ARTS &amp; HUMANITIES</b>	
Choose one option. All three courses from an option must be completed to fulfill the OSU requirements listed.				
<b>Option I:</b>			<b>A. Historical Survey &amp; B.2 Visual/Performing Arts</b>	
HUM 111	World Civilization I	5	_____	
HUM 112	World Civilization II	5	_____	
HUM 113	World Civilization III	5	_____	
<i>or</i>				
<b>Option II:</b>			<b>A. Historical Survey &amp; B.2 Visual/Performing Arts</b>	
HUM 111	World Civilization I	5	_____	
HUM 151	American Civilization to 1877	5	_____	
HUM 152	American Civilization Since 1877	5	_____	
<b>CAPSTONE COURSE - 3 hours required.</b> Take after the completion of 75 quarter hours in the degree program, according to the student's intended major at Ohio State.				
<b>Elective</b>				

**ELECTIVES - The College of Engineering at Ohio State has additional requirements that may be taken at Columbus State as electives:**

**Columbus State Electives.....Satisfy these Ohio State Requirements**

**ARTS & HUMANITIES -5 hours required.** Choose one course from the following options:

<b>LITERATURE</b>		<b>Credit</b>	<b>Grade</b>	<b>B1. LITERATURE</b>
ENGL 230	Introduction to Dramatic Literature	<u>5</u>	_____	ENGLISH 262
ENGL 235	Introduction to Poetry	<u>5</u>	_____	ENGLISH 260
ENGL 259	Survey of U.S. Literature to 1865	<u>5</u>	_____	ENGLISH 290
ENGL 260	Survey of Modern U.S. Literature	<u>5</u>	_____	ENGLISH 291
ENGL 261	Survey of British Literature I	<u>5</u>	_____	ENGLISH 201
ENGL 262	Survey of British Literature II	<u>5</u>	_____	ENGLISH 202
ENGL 264	Intro to Shakespeare	<u>5</u>	_____	ENGLISH 220
ENGL 270	Black American Writers	<u>5</u>	_____	ENGLISH 281
ENGL 274	Intro to Non-Western Literature	<u>5</u>	_____	ENGLISH 275
ENGL 276	Women in Literature	<u>5</u>	_____	ENGLISH SPL
ENGL 278	The Bible as Literature	<u>5</u>	_____	ENGLISH 280
HUM 222	Classical Mythology	<u>5</u>	_____	CLASSICS 222
HUM 254	Introduction to African Literature	<u>5</u>	_____	AFRICAN AMERICAN & AFRICAN STUDIES 251
<b>VISUAL/PERFORMING ARTS</b>				<b>B2. VISUAL/PERFORMING ARTS</b>
ART 101	History of Western Art	<u>5</u>	_____	HIST OF ART GENERAL
ART 121	Beginning Drawing	<u>5</u>	_____	ART 205
ART 122	Two-Dimensional Design	<u>5</u>	_____	ART 206
ENGL 245	Introduction to Film	<u>5</u>	_____	ENGLISH 263
HUM 245	Music and Arts Since 1945	<u>5</u>	_____	ART EDUCATION 160
MUSIC 101	History of Western Music	<u>5</u>	_____	MUSIC 251
THEA 100	Introduction to Theater	<u>5</u>	_____	THEATER 100
<b>CULTURES AND IDEAS</b>				<b>B3. CULTURES AND IDEAS</b>
ENGL 272	Introduction to Folklore	<u>5</u>	_____	ENGLISH 270
HUM 251	Latin American Civilization	<u>5</u>	_____	HISTORY SPECIAL
HUM 270	Comparative Religions	<u>5</u>	_____	RELIGIOUS STUDIES 270
PHIL 101	Introduction to Philosophy	<u>5</u>	_____	PHILOSOPHY 101
PHIL 270	Philosophy of Religion	<u>5</u>	_____	PHILOSOPHY 270

**ADDITIONAL REQUIRED COURSES BY MAJOR:**

<b>AVIATION</b>				
MATH 255	Elementary Differential Equations	<u>5</u>	_____	MATH 255
MATH 266	Discreet Mathematical Structures	<u>5</u>	_____	MATH 366
<b>AERONAUTICAL &amp; CHEMICAL</b>				
MATH 285	Ordinary & Partial Diff Equations	<u>6</u>	_____	MATH 415
<b>CIVIL</b>				
MATH 255	Elementary Differential Equations - <i>OR</i> -	<u>5</u>	_____	MATH 255
MATH 285	Ordinary & Partial Diff Equations	<u>6</u>	_____	MATH 415
<b>COMPUTER SCIENCE</b>				
MATH 266	Discreet Mathematical Structures	<u>5</u>	_____	MATH 366
MATH 277	Probability & Statistics I	<u>5</u>	_____	STAT 427
MATH 278	Probability & Statistics II	<u>5</u>	_____	STAT 428
<b>INDUSTRIAL &amp; SYSTEMS</b>				
MATH 255	Elementary Differential Equations - <i>OR</i> -	<u>5</u>	_____	MATH 255
MATH 285	Ordinary & Partial Diff Equations - <i>AND</i> -	<u>6</u>	_____	MATH 415
MATH 268	Elementary Linear Algebra	<u>5</u>	_____	MATH 568
<b>AVIATION, CIVIL, COMPUTER SCIENCE, and INDUSTRIAL SYSTEMS MAJORS:</b>				
ECON 200	Microeconomics	<u>5</u>	_____	ECON 200

**FOREIGN LANGUAGES -** Two years of the same language in high school or through the 102 level is a requirement for admission to the Ohio State College of Engineering. This requirement may be waived if the applicant has over 45 hours of applicable college credit and a minimum 3.0 GPA.

ARABIC	GERMAN	JAPANESE	SPANISH
ARAB 101, 102	GERM 101, 102	JAPN 101, 102	SPAN 101, 102
FRENCH	ITALIAN	LATIN	
FREN 101, 102	ITAL 101, 102	LATN 101, 102	

**PLEASE NOTE!**

**STUDENTS ARE RESPONSIBLE FOR KNOWING AND FOLLOWING ALL PREREQUISITES.  
USE THE COLUMBUS STATE CATALOG TO IDENTIFY PREREQUISITES FOR ALL COURSES.**

Policies and equivalencies in effect at the time of enrollment at The Ohio State University will be used to determine acceptability and applicability of course work. Please note that requirements vary by college and program at Ohio State.

Any changes to the advisor and student approved degree program must be initiated by the student with his/her advisor. Self-selection of courses or other changes to the approved degree program could adversely affect graduation, transfer to a four-year institution, and financial aid.