

Lower Division Major Preparation Articulation Agreement: 2016-2017 Catalog

The following tables are the assessments of the courses between Ohlone College and Cogswell Polytechnical College. This table will be used in assessing official transcripts from Ohlone College for transfer credit at Cogswell Polytechnical College. To be considered for transfer, a course must be successfully completed with a grade of C or better. All coursework in this table will be considered lower division level.

These courses fulfill the competency requirements of the Cogswell Polytechnical College course shown; however, these courses may not fulfill the credit requirements for your program. To obtain an undergraduate degree at Cogswell Polytechnical College students are required to complete the courses specified (or their approved equivalent) as listed in the College Catalog.

Courses may change or be discontinued at any time at either College. The courses listed below are approved as of August 22, 2016.

B.A. Digital Art and Animation: 3D Animation Concentration

Ohlone College		Cogswell Polytechnical College	
<i>Course Code and Title</i>	<i>Credits</i>	<i>Course Code and Title</i>	<i>Credits</i>
ART104A Two-Dimensional Design	3	DAA100 2D Design 1	3
ART104C Color	3	DAA105 Color Theory	3
ART106A Descriptive Drawing	3	DAA110 Sketching	3
ART107A Life Drawing	3	DAA115 Figure Drawing 1	3
ART138B Intermediate Photoshop	3	DAA106 Digital Imaging Concepts	3
ART140 Digital Video for the Web and DVD	4	DAA220 Video Editing	3
MM110 Digital Video for the Web and DVD	4		
MM121A 3D Modeling	3	DAA240 Introduction to 3D Modeling	3
MM121C Advanced 3D Modeling and Animation	3	DAA244 Introduction to 3D Animation Principles	3
TD-110 Introduction to Acting	4	DAA200 Acting	3

B.A. Digital Art and Animation: 3D Modeling Concentration

Ohlone College		Cogswell Polytechnical College	
<i>Course Code and Title</i>	<i>Credits</i>	<i>Course Code and Title</i>	<i>Credits</i>
ART104A Two-Dimensional Design	3	DAA100 2D Design 1	3
ART104C Color	3	DAA105 Color Theory	3
ART106A Descriptive Drawing	3	DAA110 Sketching	3
ART107A Life Drawing	3	DAA115 Figure Drawing 1	3
ART111A Painting – Color and Composition	3	DAA120 Traditional Painting	3
ART133A Photo I	3	DAA108 Introduction to Photography*	3
ART139A Beginning Digital Photography	3		
GA169A Beginning Digital Photography	3		
ART138B Intermediate Photoshop	3	DAA106 Digital Imaging Concepts	3
GA138B Intermediate Photoshop	3		
ART140 Digital Video for the Web and DVD	4	DAA220 Video Editing	3
MM110 Digital Video for the Web and DVD	4		
MM105 Web Site Design	4	DAA109 Web Design*	3
MM114 Textures for 3D	3	DAA245 Texturing	3
MM121A 3D Modeling	3	DAA240 Introduction to 3D Modeling	3

*The Digital Art and Animation: 3D Modeling Concentration allows the option to take either DAA108 Introduction to Photography or DAA09 Web Design. Students do not need to take both courses or may be applied as an elective.

B.A. Digital Arts and Animation: Entertainment Design Concentration

Ohlone College		Cogswell Polytechnical College	
<i>Course Code and Title</i>	<i>Credits</i>	<i>Course Code and Title</i>	<i>Credits</i>
ART104A Two-Dimensional Design	3	DAA100 2D Design 1	3
ART104C Color	3	DAA105 Color Theory	3
ART106A Descriptive Drawing	3	DAA110 Sketching	3
ART107A Life Drawing	3	DAA115 Figure Drawing 1	3
ART107B Life Drawing	3	DAA210 Life Drawing 2	3
ART111A Painting – Color and Composition	3	DAA120 Traditional Painting	3
ART133A Photo I	3	DAA108 Introduction to Photography*	3
ART139A Beginning Digital Photography	3		
GA169A Beginning Digital Photography	3		
ART138B Intermediate Photoshop	3	DAA106 Digital Imaging Concepts	3
GA138B Intermediate Photoshop	3		
ART140 Digital Video for the Web and DVD	4	DAA220 Video Editing	3
MM110 Digital Video for the Web and DVD	4		
MM105 Web Site Design	4	DAA109 Web Design*	3
MM114 Textures for 3D	3	DAA245 Texturing	3
MM121A 3D Modeling	3	DAA240 Introduction to 3D Modeling	3

*The Digital Art and Animation: 3D Modeling Concentration allows the option to take either DAA108 Introduction to Photography or DAA09 Web Design. Students do not need to take both courses or may be applied as an elective.

B.A. Digital Arts and Animation: Technical Art Concentration

Ohlone College		Cogswell Polytechnical College	
<i>Course Code and Title</i>	<i>Credits</i>	<i>Course Code and Title</i>	<i>Credits</i>
ART104A Two-Dimensional Design	3	DAA100 2D Design 1	3
ART104C Color	3	DAA105 Color Theory	3
ART106A Descriptive Drawing	3	DAA110 Sketching	3
ART107A Life Drawing	3	DAA115 Figure Drawing 1	3
ART133A Photo I	3	DAA108 Introduction to Photography	3
ART138B Intermediate Photoshop	3	DAA106 Digital Imaging Concepts	3
GA138B Intermediate Photoshop	3		
ART139A Beginning Digital Photography	3	DAA108 Introduction to Photography	3
GA169A Beginning Digital Photography	3		
ART140 Digital Video for the Web and DVD	4	DAA220 Video Editing	3
MM110 Digital Video for the Web and DVD	4		
MM114 Textures for 3D	3	DAA245 Texturing	3
MM121A 3D Modeling	3	DAA240 Introduction to 3D Modeling	3
MM121C Advanced 3D Modeling and Animation	3	DAA244 Introduction to 3D Animation Principles	3
CS116 Object Oriented Programming Using C++	4	SWE285 C++ Programming: Object Oriented Programming	4

B.S. Digital Arts Engineering

Ohlone College		Cogswell Polytechnical College	
<i>Course Code and Title</i>	<i>Credits</i>	<i>Course Code and Title</i>	<i>Credits</i>
ART104A Two-Dimensional Design	3	DAA100 2D Design 1	3
ART104C Color	3	DAA105 Color Theory	3
ART106A Descriptive Drawing	3	DAA110 Sketching	3
MM114 Textures for 3D	3	DAA245 Texturing	3
MM121A 3D Modeling	3	DAA240 Introduction to 3D Modeling	3
MM121C Advanced 3D Modeling and Animation	3	DAA244 Introduction to 3D Animation Principles	3
CNET146 Introduction to UNIX/Linux	3	SWE221 Linux Programming Environment	3
CS146 Introduction to UNIX/Linux	3		
CS116 Object Oriented Programming Using C++	4	SWE285 C++ Programming: Object Oriented Programming	4
CS102 Introduction to Computer Programming Using C++ <i>and</i>	3	SWE295 Data Structures and Algorithms	4
CS124 Programming with Discrete Structures	3		
CS170 Java Programming	4	SWE212 Java Programming	4
CS173 Java EE Programming	4		

B.S. Digital Audio Technology: Audio and Music Production Concentration

Ohlone College		Cogswell Polytechnical College	
<i>Course Code and Title</i>	<i>Credits</i>	<i>Course Code and Title</i>	<i>Credits</i>
BRDC131 Audio Production	3	DAT115 Desktop Audio Production	3
BRDC132 Studio Recording	3	DAT220 Studio Production 1	3
MUS113 Studio Recording	3		
MUS110A Music Theory and Harmony	3	DAT102 Music Theory 1	3
MUS110B Harmony	3	DAT107 Music Theory 2	3
MUS110C Advanced Harmony	3	DAT202 Music Theory 3	3
MUS110D Advanced Harmony	3	DAT207 Music Theory 4	3

B.S. Digital Audio Technology: Audio Software Development and Engineering Concentration

Ohlone College		Cogswell Polytechnical College	
<i>Course Code and Title</i>	<i>Credits</i>	<i>Course Code and Title</i>	<i>Credits</i>
BRDC131 Audio Production	3	DAT115 Desktop Audio Production	3
BRDC132 Studio Recording	3	DAT220 Studio Production 1	3
MUS113 Studio Recording	3		
CS116 Object Oriented Programming Using C++	4	SWE285 C++ Programming: Object Oriented Programming	4
CS170 Java Programming	4	SWE212 Java Programming	4
CS102 Introduction to Computer Programming Using C++ <i>and</i>	3		
CS124 Programming with Discrete Structures	3	SWE295 Data Structures and Algorithms	4

Bachelor of Business Administration

Ohlone College		Cogswell Polytechnical College	
<i>Course Code and Title</i>	<i>Credits</i>	<i>Course Code and Title</i>	<i>Credits</i>
BA101A Financial Accounting	5	BUS105 Financial Accounting	3
BA101B Managerial Accounting	5	BUS275 Managerial Accounting	3
BA102A Principles of Economics–Macroeconomics	3		
BA102B Principles of Economics–Microeconomics	3	BUS150 Principles of Economics	3
BA125 Introduction to Business	3	BUS120 Introduction to Business and Technology	3
BA139 Psychology in the Workplace	3	BUS235 Group Behavior in Organizations	3
BA141A Business Law	3	BUS125 Business Law	3
BSM103 Management of Human Resources	3	BUS280 Human Resources Management	3

B.A. Game Design Art

Ohlone College		Cogswell Polytechnical College	
<i>Course Code and Title</i>	<i>Credits</i>	<i>Course Code and Title</i>	<i>Credits</i>
ART104A Two-Dimensional Design	3	DAA100 2D Design 1	3
ART104C Color	3	DAA105 Color Theory	3
ART106A Descriptive Drawing	3	DAA110 Sketching	3
ART107A Life Drawing	3	DAA115 Figure Drawing 1	3
ART111A Painting – Color and Composition	3	DAA120 Traditional Painting	3
ART138B Intermediate Photoshop	3		
GA138B Intermediate Photoshop	3	DAA106 Digital Imaging Concepts	3
MM114 Textures for 3D	3	DAA245 Texturing	3
MM119 Video Game Development	3	GAM225 Introduction to Game Production	3
MM121A 3D Modeling	3	DAA240 Introduction to 3D Modeling	3
MM121C Advanced 3D Modeling and Animation	3	DAA244 Introduction to 3D Animation Principles	3

B.S. Game Design Engineering

Ohlone College		Cogswell Polytechnical College	
<i>Course Code and Title</i>	<i>Credits</i>	<i>Course Code and Title</i>	<i>Credits</i>
ART104A Two-Dimensional Design	3	DAA100 2D Design 1	3
ART106A Descriptive Drawing	3	DAA110 Sketching	3
ART138B Intermediate Photoshop	3	DAA106 Digital Imaging Concepts	3
GA138B Intermediate Photoshop	3		
MM114 Textures for 3D	3	DAA245 Texturing	3
MM121A 3D Modeling	3	DAA240 Introduction to 3D Modeling	3
MM119 Video Game Development	3	GAM225 Introduction to Game Production	3
CS116 Object Oriented Programming Using C++	4	SWE285 C++ Programming: Object Oriented Programming	4
CS102 Introduction to Computer Programming Using C++ <i>and</i>	3	SWE295 Data Structures and Algorithms	4
CS124 Programming with Discrete Structures	3		

B.S. Software Engineering: Web and Mobile Concentration

Ohlone College		Cogswell Polytechnical College	
<i>Course Code and Title</i>	<i>Credits</i>	<i>Course Code and Title</i>	<i>Credits</i>
CNET146 Introduction to UNIX/Linux	3	SWE221 Linux Programming Environment	3
CS146 Introduction to UNIX/Linux	3		
CS116 Object Oriented Programming Using C++	4	SWE285 C++ Programming: Object Oriented Programming	4
CS102 Introduction to Computer Programming Using C++ <i>and</i>	3	SWE295 Data Structures and Algorithms	4
CS124 Programming with Discrete Structures	3		
CS170 Java Programming	4	SWE212 Java Programming	4
CS173 Java EE Programming	4	SWE125 Introduction to Mobile Programming: iOS	3
CS174 Mobile App Programming in Android	4		

B.S. Software Engineering: Software Development Concentration

Ohlone College		Cogswell Polytechnical College	
<i>Course Code and Title</i>	<i>Credits</i>	<i>Course Code and Title</i>	<i>Credits</i>
CNET146 Introduction to UNIX/Linux	3	SWE221 Linux Programming Environment	3
CS146 Introduction to UNIX/Linux	3		
CS116 Object Oriented Programming Using C++	4	SWE285 C++ Programming: Object Oriented Programming	4
CS102 Introduction to Computer Programming Using C++ <i>and</i>	3	SWE295 Data Structures and Algorithms	4
CS124 Programming with Discrete Structures	3		
CS170 Java Programming	4	SWE212 Java Programming	4
CS173 Java EE Programming	4	SWE125 Introduction to Mobile Programming: iOS	3
CS174 Mobile App Programming in Android	4		

For further information on Course Descriptions and Major Prerequisites visit <http://www.cogswell.edu/academics/catalog.php>
 More information on Ohlone College visit <http://www.ohlone.edu/>

General Education Transfer of Credit Articulation Agreement: 2016-2017 Catalog

The following tables describe how courses will be awarded to meet Cogswell Polytechnical College’s general education requirements. This agreement will be used in assessing official transcripts from Ohlone College for transfer credit at Cogswell Polytechnical College.

To be considered for transfer, a course must be successfully completed with a grade of C or better. All coursework in this table will be considered lower division level.

These courses fulfill the competency requirements of the Cogswell Polytechnical College course shown; however, these courses may not fulfill the credit requirements for your program. To obtain an undergraduate degree at Cogswell Polytechnical College students are required to complete the courses specified (or their approved equivalent) as listed in the College Catalog.

Courses may change or be discontinued at any time at either College. The courses listed below are approved as of August 22, 2016.

Basic Skills – 9 Units in 3 Areas*			
<i>Ohlone College Course</i>	<i>Units</i>	<i>Cogswell Polytechnical College Course</i>	<i>Credits</i>

*Students must complete one (1) course in each area: i.e., Written Communication, Oral Communication, Critical Thinking

Area: Written Communication

ENGL101A Reading and Written Composition	4	ENG100 English Composition	3
ENGL101B Reading and Composition (Introduction to Literature)	4	No equivalent course	3

Area: Oral Communication

COMM111 Introduction to Public Speaking	3	ENG250 Speech and Oral Communication	3
COMM112 Interpersonal Communication	3	No equivalent course	3
COMM113 Interpersonal Communication	3	No equivalent course	3
COMM116 Critical Thinking/Argumentation and Debate	3	ENG235 Art of Argumentation	3

Area: Critical Thinking

COMM112 Small Group Communication/Critical Thinking	3	No equivalent course	3
COMM114 Critical Thinking/Persuasion	3	No equivalent course	3
COMM116 Critical Thinking/Argumentation and Debate	3	No equivalent course	3
COMM130 Oral Communication of Literature	3	No equivalent course	3
COMM193 Oral Interpretation Competition	3	No equivalent course	3
ENGL101B Reading and Composition (Introduction to Literature)	4	No equivalent course	3
ENGL101C Critical Thinking and Composition	3	ENG110 Critical Thinking	3
ENGL167 Critical and Analytical Reading	3	No equivalent course	3
PHIL104 Logic	3	No equivalent course	3
PHIL107 Practical Reasoning	3	No equivalent course	3

Humanities and Arts – 9 Units in 3 Areas*			
<i>Ohlone College Course</i>	<i>Units</i>	<i>Cogswell Polytechnical College Course</i>	<i>Credits</i>

*Students must complete one (1) course in each area: i.e., Arts, Letters, Written Communication II

Area: Arts

ART100 Survey of the Arts	3	No equivalent course	3
ART101 Art: An Introduction	3	No equivalent course	3
ART103A Survey of Western Art from Prehistory Through the Middle Ages	4	No equivalent course	4
ART103B Survey of Western Art from Renaissance to Contemporary	4	No equivalent course	4
ART103C Survey of Non-European Art	4	No equivalent course	4
ART131 History of Photography	3	No equivalent course	3
IS100 Survey of the Arts	3	No equivalent course	3
HIST107 History of Film	3	HUM227 History of Film	3
MUS100 Survey of the Arts	3	No equivalent course	3

MUS101 Music Appreciation: Western Classical Music	3	No equivalent course	3
MUS102 Music Appreciation	3	No equivalent course	3
MUS104 Music of World Cultures	3	No equivalent course	3
MUS121 The History of Jazz	3	No equivalent course	3
TD100 Survey of the Arts	3	No equivalent course	3
TD102 Introduction to Theatre Appreciation	3	No equivalent course	3
TD107 History of Film	3	No equivalent course	3

Area: Letters

ARBC101A Elementary Arabic	5	No equivalent course	3
CHIN101A Elementary Mandarin Chinese I	5	No equivalent course	3
CHIN101B Elementary Mandarin Chinese II	5	No equivalent course	3
CHIN102A Intermediate Mandarin Chinese I	5	No equivalent course	3
CHIN102B Intermediate Mandarin Chinese II	5	No equivalent course	3
CHS106A Chicano/Latino Literature	3	No equivalent course	3
ENGL104 The Short Story	3	No equivalent course	3
ENGL106 Reading Banned Books	3	No equivalent course	3
ENGL107 Literature and Film	3	No equivalent course	3
ENGL109 The Graphic Novel	3	No equivalent course	3
ENGL111A Beginning Creative Writing	3	No equivalent course	3
ENGL111B Intermediate Creative Writing	3	No equivalent course	3
ENGL112 Modern Fiction	3	No equivalent course	3
ENGL113 Poetry	3	No equivalent course	3
ENGL114 World Mythology	3	No equivalent course	3
ENGL115 Women in Literature	3	No equivalent course	3
ENGL117 Science Fiction and Fantasy	3	No equivalent course	3
ENGL118 Introduction to Shakespeare	3	No equivalent course	3
ENGL119 The Gothic Novel	3	No equivalent course	3
ENGL120A Survey of American Literature: Beginning to 1865	3	No equivalent course	3
ENGL120B Survey of American Literature: 1865 to Present	3	No equivalent course	3
ENGL121 The Mystery: Unlocking Its Secrets	3	No equivalent course	3
ENGL122 Environmental Literature	3	No equivalent course	3
ENGL125A English Literature: From the Middle Ages to the Restoration/18 th Century	3	No equivalent course	3
ENGL125B English Literature: From Romanticism to Modernism	3	No equivalent course	3
ENGL129 Psychology and Literature	3	No equivalent course	3
ENGL130 American Stories: Multicultural Autobiography and Memoir	3	No equivalent course	3
ENGL131 Hip Hop/Slam Poetry	3	No equivalent course	3
ENGL141 Advanced Novel and Short Story Writing	3	No equivalent course	3
FREN101A Elementary French	5	No equivalent course	3
FREN101B Elementary French	5	No equivalent course	3
FREN102A Intermediate French	5	No equivalent course	3
FREN102B Intermediate French	5	No equivalent course	3
WS115 Women in Literature	3	No equivalent course	3
JPNS101A Elementary Japanese	5	No equivalent course	3
JPNS101B Elementary Japanese	5	No equivalent course	3
JPNS102A Intermediate Japanese	5	No equivalent course	3
JPNS102B Intermediate Japanese	5	No equivalent course	3
JOUR106 Reading Banned Books	3	No equivalent course	3
SPAN101A Elementary Spanish	5	No equivalent course	3
SPAN101B Elementary Spanish	5	No equivalent course	3
SPAN102A Intermediate Spanish	5	No equivalent course	3
SPAN102B Intermediate Spanish	5	No equivalent course	3

Area: Written Communication II

CHS106A Chicano/Latino Literature	3	No equivalent course	3
ENGL104 The Short Story	3	No equivalent course	3
ENGL106 Reading Banned Books	3	No equivalent course	3
ENGL107 Literature and Film	3	No equivalent course	3

ENGL109 The Graphic Novel	3	No equivalent course	3
ENGL111A Beginning Creative Writing	3	ENG228 Creative Writing	3
ENGL111B Intermediate Creative Writing	3	No equivalent course	3
ENGL115 Women in Literature	3	No equivalent course	3
ENGL131 Hip Hop/Slam Poetry	3	No equivalent course	3
ENGL141 Advanced Novel and Short Story Writing	3	No equivalent course	3
JOUR101A Newswriting	3	No equivalent course	3
JOUR106 Reading Banned Books	3	No equivalent course	3
WS115 Women in Literature	3	No equivalent course	3
TD107 History of Film	3	HUM227 History of Film	3

Social Sciences – 12 Units in 3 Areas*

<i>Ohlone College Course</i>	<i>Units</i>	<i>Cogswell Polytechnical College Course</i>	<i>Credits</i>
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*Students must complete one (1) course in each area (i.e., Human Behavior, Comparative Systems, and Social Issues) and have the option to select a fourth course in any area to meet credit requirement.

Area: Human Behavior

AJ119 Murder in America	3	No equivalent course	3
BRDC155 Mass Media and Society	3	No equivalent course	3
ECS301 Childhood Growth and Development	3	No equivalent course	3
ECS303 Child, Family, and Community	3	No equivalent course	3
ENGL129 Psychology and Literature	3	No equivalent course	3
JOUR155 Mass Media and Society	3	No equivalent course	3
PSY101 General Psychology	3	SSC180 Introduction to Psychology	3
PSY102 Introduction to Experimental Psychology	3	No equivalent course	3
PSY104 Murder in America	3	No equivalent course	3
PSY105 Child Development	3	No equivalent course	3
PSY106 Adolescent Development	3	No equivalent course	3
PSY108 Human Development	3	No equivalent course	3
PSY112 Social Psychology	3	No equivalent course	3
PSY115 Abnormal Psychology	3	No equivalent course	3
PSY120 Biological Psychology	3	No equivalent course	3

Area: Comparative Systems

AJ121 Constitutional Law and the United States	3	No equivalent course	3
ANTH102 Cultural Anthropology	3	No equivalent course	3
ANTH107 Introduction to Linguistics Anthropology	3	No equivalent course	3
CHS101 Chicano/Latino Culture	3	No equivalent course	3
CHS102A Chicana/o History I	3	No equivalent course	3
CHS102B Chicana/o History II	3	No equivalent course	3
CHS112 Contemporary Issues of Chicanas	3	No equivalent course	3
WS120 Women of the Western World	3	No equivalent course	3
WS132 Introduction to US Muslim Women and Islam	3	No equivalent course	3
GEOG102 Cultural Geography	3	No equivalent course	3
HIST102A Chicana/o History I	3	No equivalent course	3
HIST102B Chicana/o History II	3	No equivalent course	3
HIST104A Western Civilization with a World Perspective Until 1600	3	No equivalent course	3
HIST104B Western Civilization with a World Perspective From 1600	3	No equivalent course	3
HIST105 History of California	3	No equivalent course	3
HIST106A World History to 1500	3	No equivalent course	3
HIST106B World History Since 1500	3	No equivalent course	3
HIST114A African American History 1619-1877	3	No equivalent course	3
HIST114B African American History 1877 to Present	3	No equivalent course	3
HIST115 Asian-American History	3	No equivalent course	3
HIST117A History of the United States	3	No equivalent course	3
HIST117B History of the United States	3	No equivalent course	3
HIST118 Contemporary U.S. History: 1945	3	No equivalent course	3
HIST119A Bad Girls: Women in America Before 1890	3	No equivalent course	3
HIST119B Bad Girls: Women in American From 1890	3	No equivalent course	3

HIST141 History of Rock and Roll: Music and Culture of the 1950's	3	No equivalent course	3
HIST142 History of Rock and Roll: Music and Culture of the 1960's	3	No equivalent course	3
HIST143 History of Rock and Roll: Music and Culture Since 1970	3	No equivalent course	3
IS120 Women of the Western World	3	No equivalent course	3
IS142 History of Rock and Roll: Music and Culture of the 1950's	3	No equivalent course	3
IS143 History of Rock and Roll: Music and Culture of the 1960's	3	No equivalent course	3
MUS122 History of Rock and Roll: Music and Culture of the 1950's	3	No equivalent course	3
MUS123 History of Rock and Roll: Music and Culture of the 1960's	3	No equivalent course	3
MUS125 History of Rock and Roll: Music and Culture Since 1970	3	No equivalent course	3
PHIL100 Introduction to Philosophy	3	No equivalent course	3
PHIL101 Ancient Philosophy	3	No equivalent course	3
PHIL102 Modern Philosophy	3	No equivalent course	3
PHIL106 Ethics	3	No equivalent course	3
PHIL109A Understanding the Old Testament	3	No equivalent course	3
PHIL109B Understanding the New Testament	3	No equivalent course	3
PHIL110 Introduction to Asian Religions	3	No equivalent course	3
PHIL112 Introduction to Western Religions	3	No equivalent course	3
PHIL114 Introduction to Islam	3	No equivalent course	3
PHIL118 Latin American Philosophy	3	No equivalent course	3
PS102 American Government	3	SSC200 U.S. Government	3
PS103 International Relations	3	No equivalent course	3
PS104 Introduction to Political Theory	3	No equivalent course	3
PS105 Comparative Government	3	No equivalent course	3
PS106 Constitutional Law and the United States	3	No equivalent course	3

Area: Social Issues

ANTH102 Cultural Anthropology	3	No equivalent course	3
ANTH103 Introduction to Archaeology	3	No equivalent course	3
ANTH104 Survey of North American Indian Cultures	3	No equivalent course	3
ANTH106 Magic, Witchcraft, and Religion	3	No equivalent course	3
ANTH107 Introduction to Linguistics Anthropology	3	No equivalent course	3
BA102A Principles of Economics-Macroeconomics	3	No equivalent course	3
BA102B Principles of Economics-Microeconomics	3	No equivalent course	3
CHS101 Chicano/Latino Culture	3	No equivalent course	3
CHS102A Chicana/o History I	3	No equivalent course	3
CHS102B Chicana/o History II	3	No equivalent course	3
CHS112 Contemporary Issues of Chicanas	3	No equivalent course	3
COMM118 Gender, Sexual Identify, and Communication	3	No equivalent course	3
WS101 Introduction to Gender and Women's Studies	3	No equivalent course	3
WS108 Gender, Sexual Identify, and Communication	3	No equivalent course	3
WS120 Women of the Western World	3	No equivalent course	3
WS132 Introduction to US Muslim Women and Islam	3	No equivalent course	3
HIST102A Chicana/o History I	3	No equivalent course	3
HIST102B Chicana/o History II	3	No equivalent course	3
HIST104A Western Civilization with a World Perspective Until 1600	3	No equivalent course	3
HIST104B Western Civilization with a World Perspective From 1600	3	No equivalent course	3
HIST105 History of California	3	No equivalent course	3
HIST106A World History to 1500	3	No equivalent course	3
HIST106B World History Since 1500	3	No equivalent course	3
HIST114A African American History 1619-1877	3	No equivalent course	3
HIST114B African American History 1877 to Present	3	No equivalent course	3
HIST115 Asian-American History	3	No equivalent course	3
HIST117A History of the United States	3	No equivalent course	3
HIST117B History of the United States	3	No equivalent course	3
HIST118 Contemporary U.S. History: 1945	3	No equivalent course	3
HIST119A Bad Girls: Women in America Before 1890	3	No equivalent course	3
HIST119B Bad Girls: Women in American From 1890	3	No equivalent course	3
HIST142 History of Rock and Roll: Music and Culture of the 1950's	3	No equivalent course	3

HIST143 History of Rock and Roll: Music and Culture of the 1960's	3	No equivalent course	3
IS110 Introduction to Ethnic Studies	3	No equivalent course	3
IS120 Women of the Western World	3	No equivalent course	3
IS142 History of Rock and Roll: Music and Culture of the 1950's	3	No equivalent course	3
IS143 History of Rock and Roll: Music and Culture of the 1960's	3	No equivalent course	3
MUS122 History of Rock and Roll: Music and Culture of the 1950's	3	No equivalent course	3
MUS123 History of Rock and Roll: Music and Culture of the 1960's	3	No equivalent course	3
MUS125 History of Rock and Roll: Music and Culture Since 1970	3	No equivalent course	3
PHIL100 Introduction to Philosophy	3	No equivalent course	3
PHIL101 Ancient Philosophy	3	No equivalent course	3
PHIL102 Modern Philosophy	3	No equivalent course	3
PHIL118 Latin American Philosophy	3	No equivalent course	3
PS102 American Government	3	SSC200 U.S. Government	3
PS103 International Relations	3	No equivalent course	3
PS104 Introduction to Political Theory	3	No equivalent course	3
PS105 Comparative Government	3	No equivalent course	3
PS106 Constitutional Law and the United States	3	No equivalent course	3
SOC101 Introduction to Sociology	3	No equivalent course	3
SOC102 Social Problems of a Diverse Society	3	No equivalent course	3
SOC103 Social Science Research Methods	3	No equivalent course	3
SOC105 Marriage and Family	3	No equivalent course	3
SOC106 Chicano/Latino Culture	3	No equivalent course	3
SOC108 Social Inequalities	3	No equivalent course	3

Mathematics and The Sciences for Non-Engineering – 9 Units in 2 Areas*

<i>Ohlone College Course</i>	<i>Units</i>	<i>Cogswell Polytechnical College Course</i>	<i>Credits</i>
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*Students must complete one (1) course in Mathematical Concepts and Quantitative Reasoning, and one (1) course in Physical and Biological Sciences. A second course must be completed in Physical and Biological area to meet credit requirements with exception to the Digital Audio Technology major. Please refer to the College Catalog for curriculum requirements.

Area: Mathematical Concepts and Quantitative Reasoning

MATH152 Algebra II, and MATH181 Trigonometry	5 3	MATH115 College Algebra and Trigonometry	3
MATH188 Pre-Calculus	5	MATH116 Pre-calculus	4
MATH101A Calculus with Analytic Geometry	5	MATH143 Calculus 1	4

Area: Physical and Biological Sciences*

ASTR101A/102 General Astronomy of the Solar System/Lab	3/1	No equivalent course	3
ASTR101B/102 General Astronomy Beyond the Solar System/Lab	3/1	No equivalent course	3
BIOL101A Principles of Biology – Molecular and Cellular	5	No equivalent course	3
BIOL101B Principles of Biology – Organisms and Systems	5	No equivalent course	3
BIOL103A Human Anatomy and Physiology	4	SCI130 Basic Concepts of Anatomy & Physiology	3
BIOL103B Human Anatomy and Physiology	4	No equivalent course	3
BIOL104 Basic Human Anatomy and Physiology	4	SCI130 Basic Concepts of Anatomy & Physiology	3
BIOL106 Microbiology	5	No equivalent course	3
BIOL114 Introduction to Plant Biology	3	No equivalent course	3
BIOL130 Introduction to Biology	4	No equivalent course	3
BIOL140 Sierra Nevada Natural History	3	No equivalent course	3
BIOL142 Environmental Biology	4	No equivalent course	3
BIOT114 Introduction to Plant Biology	3	No equivalent course	3
CHEM101A General Chemistry	5	No equivalent course	3
CHEM101B General Chemistry	5	No equivalent course	3
CHEM102 Preparation for General Chemistry	4	No equivalent course	3
CHEM112A Organic Chemistry	5	No equivalent course	3
CHEM112B Organic Chemistry	5	No equivalent course	3
GEOL101 Introduction to Geology	4	No equivalent course	3
PHYS108 Survey of Physics	3	SCI100 Basic Concepts of Physics	3
PHYS120/A Introduction to Physics I/Calculus Supplement	5	No equivalent course	4

PHYS121/A Introduction to Physics II/Calculus Supplement	5	SCI200 General Science: Principles and Trends	3
PHYS140 Mechanics	4	SCI145 College Physics	4
PHYS141 Electricity and Magnetism, <i>and</i> PHYS142 Optics, Heat, and Modern Physics	4 4	SCI245 College Physics 2*	4

Mathematics and The Sciences for Engineering – 9 Units in 2 Areas*

<i>Ohlone College Course</i>	<i>Units</i>	<i>Cogswell Polytechnical College Course</i>	<i>Credits</i>
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*Students must complete one (1) course in Mathematical Concepts and Quantitative Reasoning area and two (2) in Physical and Biological Sciences area to meet credit requirements.

Area: Mathematical Concepts and Quantitative Reasoning

MATH101A Calculus with Analytic Geometry	5	MATH143 Calculus 1	5
MATH101B Calculus with Analytic Geometry	5	MATH144 Calculus 2	5
MATH101C Calculus with Analytic Geometry	5	MATH245 Calculus 3	5
MATH163 Discrete Mathematics for Computers	3	MATH295 Discrete Mathematics	3

Area: Physical and Biological Sciences*

PHYS121/A Introduction to Physics II/Calculus Supplement	5	SCI200 General Science: Principles and Trends	4
PHYS140 Mechanics	4	SCI145 College Physics 1 *	4
PHYS141 Electricity and Magnetism, <i>and</i> PHYS142 Optics, Heat, and Modern Physics	4 4	SCI245 College Physics 2*	4

*PHYSICAL AND BIOLOGICAL SCIENCES: Students in an engineering program may have different additional mathematic and physical sciences requirements. Those students should consult with the Program Director or review the curriculum outline for Cogswell Polytechnical College.

For further information on Course Descriptions and Major Prerequisites visit <http://www.cogswell.edu/academics/catalog.php>
More information on Ohlone College visit <http://www.ohlone.edu>