

The following tables are the assessments of the courses between College and Cogswell Polytechnical College. This table will be used in assessing official transcripts from 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 September 1, 2018.

B.B.A. in Digital Media Management Concentration

Ohlone College			Cogswell Polytechnical College		
Course Code	Course Title	Sem. Credit	Course Code	Course Title	Sem. Units
CAOT-101A & CAOT-101B	Computer Applications 1 & 2	2	BUS100	Computer Applications for Business	3
BA-101A	Financial Accounting	3	BUS105	Financial Accounting	3
BA-125	Introduction to Business	3	BUS120	Introduction to Business and Technology	3
BA-141A	Business Law	3	BUS125	Business Law	3
BUS-101B	Managerial Accounting	3	BUS275	Managerial Accounting	3
BSM-103	Management of Human Resources	3	BUS280	Human Resources Management	3

B.B.A. in Project Management Concentration

Ohlone College			Cogswell Polytechnical College		
Course Code	Course Title	Sem. Credit	Course Code	Course Title	Sem. Units
CAOT-101A & CAOT-101B	Computer Applications 1 & 2	2	BUS100	Computer Applications for Business	3
BA-101A	Financial Accounting	3	BUS105	Financial Accounting	3
BA-125	Introduction to Business	3	BUS120	Introduction to Business and Technology	3
BA-141A	Business Law	3	BUS125	Business Law	3
BUS-101B	Managerial Accounting	3	BUS275	Managerial Accounting	3
BSM-103	Management of Human Resources	3	BUS280	Human Resources Management	3

B.S. in Computer Science Web and Mobile Concentration

Ohlone College			Cogswell Polytechnical College		
Course Code	Course Title	Sem. Credit	Course Code	Course Title	Sem. Units
CS-175	JavaScript for Web Development	4	CS115	Web Programming: HTML5, CSS and JavaScript	3

CS-170	Java Programming	4	CS212	Java Programming	4
CS-146	Introduction to UNIX/Linux	3	CS221	Linux Programming Environment	3
CS-116	Object Oriented Programming Using C++	4	CS285	C++ Programming: Object Oriented Programming	4
MATH-101B	Calculus with Analytic Geometry	5	MATH145	Calculus 2	4
MATH-101C	Calculus with Analytic Geometry	5	MATH245	Calculus 3	3
MATH-163	Discrete Mathematics for Computers	3	MATH295	Discrete Mathematics	3

B.S. in Computer Science: Software Engineering Concentration

Ohlone College			Cogswell Polytechnical College		
Course Code	Course Title	Sem. Credit	Course Code	Course Title	Sem. Units
CS-175	JavaScript for Web Development	4	CS115	Web Programming: HTML5, CSS and JavaScript	3
CS-170	Java Programming	4	CS212	Java Programming	4
CS-146	Introduction to UNIX/Linux	3	CS221	Linux Programming Environment	3
CS-116	Object Oriented Programming Using C++	4	CS285	C++ Programming: Object Oriented Programming	4
MATH-101B	Calculus with Analytic Geometry	5	MATH145	Calculus 2	4
MATH-101C	Calculus with Analytic Geometry	5	MATH245	Calculus 3	3
MATH-163	Discrete Mathematics for Computers	3	MATH295	Discrete Mathematics	3

B.S. in Computer Science: Data Science Concentration

Ohlone College			Cogswell Polytechnical College		
Course Code	Course Title	Sem. Credit	Course Code	Course Title	Sem. Units
CS-175	JavaScript for Web Development	4	CS115	Web Programming: HTML5, CSS and JavaScript	3
CS-170	Java Programming	4	CS212	Java Programming	4
CS-146	Introduction to UNIX/Linux	3	CS221	Linux Programming Environment	3
CS-116	Object Oriented Programming Using C++	4	CS285	C++ Programming: Object Oriented Programming	4
MATH-101B	Calculus with Analytic Geometry	5	MATH145	Calculus 2	4
MATH-101C	Calculus with Analytic Geometry	5	MATH245	Calculus 3	3
MATH-163	Discrete Mathematics for Computers	3	MATH295	Discrete Mathematics	3

B.S. in Computer Science

Ohlone College			Cogswell Polytechnical College		
Course Code	Course Title	Sem. Credit	Course Code	Course Title	Sem. Units
CS-175	JavaScript for Web Development	4	CS115	Web Programming: HTML5, CSS and JavaScript	3
CS-170	Java Programming	4	CS212	Java Programming	4
CS-146	Introduction to UNIX/Linux	3	CS221	Linux Programming Environment	3
CS-116	Object Oriented Programming Using C++	4	CS285	C++ Programming: Object Oriented Programming	4
MATH-101B	Calculus with Analytic Geometry	5	MATH145	Calculus 2	4
MATH-101C	Calculus with Analytic Geometry	5	MATH245	Calculus 3	3

MATH-163	Discrete Mathematics for Computers	3	MATH295	Discrete Mathematics	3
----------	------------------------------------	---	---------	----------------------	---

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

Ohlone College			Cogswell Polytechnical College		
Course Code	Course Title	Sem. Credit	Course Code	Course Title	Sem. Units
ART-104A	Two-Dimensional Design	3	ART100	2D Design 1	3
AR-T104C	Color	3	ART105	Color Theory	3
ART-106A	Descriptive Drawing	3	ART110	Sketching	3
ART-107A	Life Drawing	3	ART115	Figure Drawing 1	3
ART-108	Perspective Drawing	3	ART212	Perspective & Rendering	3
ART-138A	Intermediate Photoshop	3	DAA106	Digital Imaging Concepts	3
MM-110	Digital video for the Web and DVD	3	DAA221	Motion Graphics and Editing	3
MM-121A	3D Modeling	3	DAA240	Introduction to 3D Modeling	3
TD-110	Introduction to Acting		DAA200	Acting	3
MM-121B	3D Animation	3	DAA244	Introduction to 3D Animation Principles	3
MM-109	2D Animation		DAA265	2D Animation 1	3
			DAA267	Character Rigging	
			DAA265	2D Animation 2	

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

Ohlone College			Cogswell Polytechnical College		
Course Code	Course Title	Sem. Credit	Course Code	Course Title	Sem. Units
ART-104A	Two-Dimensional Design	3	ART100	2D Design 1	3
ART-104C	Color	3	ART105	Color Theory	3
ART-106A	Descriptive Drawing	3	ART110	Sketching	3
ART-107A	Life Drawing	3	ART115	Figure Drawing 1	3
ART-108	Perspective Drawing	3	ART212	Perspective & Rendering	3
ART-138A	Intermediate Photoshop	3	DAA106	Digital Imaging Concepts	3
MM-110	Digital video for the Web and DVD	3	DAA220	Video Editing	3
MM-121A	3D Modeling	3	DAA240	Introduction to 3D Modeling	3
MM-121B	3D Animation	3	DAA244	Introduction to 3D Animation Principles	3
MM-114	Textures for 3D	3	DAA245	Texturing	3

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

Ohlone College			Cogswell Polytechnical College		
Course Code	Course Title	Sem. Credit	Course Code	Course Title	Sem. Units
ART-104A	Two-Dimensional Design	3	ART100	2D Design 1	3
ART-104C	Color	3	ART105	Color Theory	3
ART-106A	Descriptive Drawing	3	ART110	Sketching	3
ART-107A	Life Drawing	3	ART115	Figure Drawing 1	3
ART-108	Perspective Drawing	3	ART212	Perspective & Rendering	3
ART-107B	Life Drawing	3	ART210	Figure Drawing 2	3
ART-138A	Intermediate Photoshop	3	DAA106	Digital Imaging Concepts	3

MM-121A	3D Modeling	3	DAA240	Introduction to 3D Modeling	3
MM-121B	3D Animation	3	DAA244	Introduction to 3D Animation Principles	3
MM-114	Textures for 3D	3	DAA245	Texturing	3

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

Ohlone College			Cogswell Polytechnical College		
Course Code	Course Title	Sem. Credit	Course Code	Course Title	Sem. Units
ART-104A	Two-Dimensional Design	3	ART100	2D Design 1	3
ART104C	Color	3	ART105	Color Theory	3
ART-139A	Beginning Digital Photography	3	ART108	Introduction to Photography	3
ART-106A	Descriptive Drawing	3	ART110	Sketching	3
ART-107A	Life Drawing	3	ART115	Figure Drawing 1	3
ART-108	Perspective Drawing	3	ART212	Perspective and Rendering	3
ART-138A	Intermediate Photoshop	3	DAA106	Digital Imaging Concepts	3
MM-110	Digital video for the Web and DVD	3	DAA220	Video Editing	3
MM-121A	3D Modeling	3	DAA240	Introduction to 3D Modeling	3
MM-121B	3D Animation	3	DAA244	Introduction to 3D Animation Principles	3
MM-114	Textures for 3D	3	DAA245	Texturing	3
CS-116	Object Oriented Programming Using C++	4	CS285	C++ Programming: Object Oriented Programming	4

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

Ohlone College			Cogswell Polytechnical College		
Course Code	Course Title	Sem. Credit	Course Code	Course Title	Sem. Units
CS-116	Object Oriented Programming Using C++	4	CS285	C++ Programming: Object-Oriented Programming	4
MATH-101B	Calculus with Analytic Geometry	5	MATH145	Calculus 2	4
MATH-101C	Calculus with Analytic Geometry	5	MATH245	Calculus 3	3

B.A. Game Design Art: Game Art Concentration

Ohlone College			Cogswell Polytechnical College		
Course Code	Course Title	Sem. Credit	Course Code	Course Title	Sem. Units
ART-104A	Two-Dimensional Design	3	ART100	2D Design	3
ART-104C	Color	3	ART105	Color Theory	3
ART-106A	Descriptive Drawing	3	ART110	Sketching	3
ART-107A	Life Drawing	3	ART115	Figure Drawing	3
ART-108	Perspective Drawing	3	ART212	Perspective and Rendering	3
ART-138A	Intermediate Photoshop	3	DAA106	Digital Imaging Concepts	3
MM-121A	3D Modeling	3	DAA240	Introduction to 3D Modelling	3
MM-121B	3D Animation	3	DAA244	Introduction to 3D Animation Principles	3
MM-114	Textures for 3D	3	DAA245	Texturing	3
MM-118	Introduction to Video Game Design	3	GAM225	Introduction to Game Production	3
MM-119	Video Game Development	3	GAM295	Game Design 1	3
CS-116	Object Oriented Programming Using C++	4	CsA285	C++ Programming: Object Oriented Programming	4

B.A. Game Design Art: Game Writing Concentration

Ohlone College			Cogswell Polytechnical College		
----------------	--	--	--------------------------------	--	--

<i>Course Code</i>	<i>Course Title</i>	<i>Sem. Credit</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Sem. Units</i>
MM-118	Introduction to Video Game Design	3	GAM225	Introduction to Game Production	3
MM-119	Video Game Development	3	GAM295	Game Design 1	3
CS-175	JavaScript for Web Development	4	ART100	2D Design	3
ENG-111A	Creative Writing	3	ENG228	Creative Writing	3
TD-107	History of Film	3	HUM227	Film History	3
MM121A	3D Modeling	3	DAA240	Introduction to 3D Modeling	3

B.S. Game Design Engineering

Ohlone College			Cogswell Polytechnical College		
<i>Course Code</i>	<i>Course Title</i>	<i>Sem. Credit</i>	<i>Course Code</i>	<i>Course Title</i>	<i>Sem. Units</i>
MM-118	Introduction to Video Game Design	3	GAM225	Introduction to Game Production	3
MM-119	Video Game Development	3	GAM295	Game Design 1	3
ART-104A	Two-Dimensional Design	3	ART100	2D Design	3
ART-104C	Color	3	ART105	Color Theory	3
ART-106A	Descriptive Drawing	3	ART110	Sketching	3
ART-138A	Intermediate Photoshop	3	DAA106	Digital Imaging Concepts	3
MM-121A	3D Modeling	3	DAA240	Introduction to 3D Modeling	3
MM-114	Textures for 3D	3	DAA245	Texturing	3
MATH-101B	Calculus with Analytic Geometry	5	MATH145	Calculus 2	4
MATH-163	Discrete Mathematics for Computers	3	MATH295	Discrete Mathematics	4
CS-175	JavaScript for Web Development	4	CS115	Web Programming: HTML5, CSS and JavaScript	3
CS-116	Object Oriented Programming Using C++	4	CsA285	C++ Programming: Object Oriented Programming	4

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

More information on

General Education Transfer of Credit Articulation Agreement: 2019 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 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 September 1, 2018.

Basic Skills – 12 Units in 3 Areas* IGETC Area 1

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

College		Cogswell Polytechnical College			
Course Code	Course title	credits	Course Code	Course title	Credits
Area: Written Communication					
ENGL-101A	Reading and Written Communication	4	ENGL001A	English Composition	3
Area: Oral Communication					
COMM-111	Introduction to Public Speaking	3	ENG250	Speech and Oral Communication	3
Area: Critical Thinking					
ENGL-101C	Critical Thinking and Composition	3	ENG105	Critical Reading, Thinking and Writing	3

Humanities & Arts – 9 Units in 3 Areas* IGETC Area 3

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

College		Cogswell College			
Course Code	Course title	Credit	Course Code	Course Title	Credit
Area: Art					
ART-100	Survey of the Arts	3		No equivalent course	
ART-101	Art: An Introduction	3	HUM120	The Nature and History of Western Art	3
ART-103A	Survey of Western Art from Prehistory Through the Middle Ages	3		No equivalent course	
ART-103B	Survey of Western Art from Renaissance to Contemporary	3		No equivalent course	
ART-103C	Survey of Non-European Art	3		No equivalent course	
ART-131	History of Photography	3		No equivalent course	
HIST-141	History of Rock and Roll: Music and Culture of the 1950's	3		No equivalent course	
HIST-142	History of Rock and Roll: Music and Culture of the 1960's	3		No equivalent course	
HIST-143	History of Rock and Roll: Music and Culture Since 1970	3		No equivalent course	
IS-100	Survey of the Arts	3		No equivalent course	
IS-142	History of Rock and Roll: Music and Culture of the 1950's	3		No equivalent course	
IS-143	History of Rock and Roll: Music and Culture of the 1960's	3		No equivalent course	
MUS-100	Survey of the Arts	3		No equivalent course	
MUS-101	Music Appreciation: Western Classical Music	3		No equivalent course	
MUS-102	Music Appreciation	3		No equivalent course	

MUS-104	Music of World Cultures	3	HUM122	World Music	3
MUS-106	American Roots Music: 1700-1950	3		No equivalent course	
MUS-110A	Music Theory and Harmony	3		No equivalent course	
MUS-122	History of Rock and Roll: Music and Culture of the 1950's	3		No equivalent course	
MUS-123	History of Rock and Roll: Music and Culture of the 1960's	3		No equivalent course	
MUS-125	History of Rock and Roll: Music and Culture Since 1970	3		No equivalent course	
TD-100	Survey of the Arts	3		No equivalent course	
TD-102	Introduction to Theater Appreciation	3		No equivalent course	
TD-109	Theater for Today	3		No equivalent course	
Area: Letters					
ENGL-101B	Reading and Composition (Introduction to Literature)	3		No equivalent course	
ENGL-104	The Short Story	3		No equivalent course	
ENGL-106	Reading Banned Books	3		No equivalent course	
ENGL-107	Literature and Film	3		No equivalent course	
ENGL-109	The Graphic Novel	3		No equivalent course	
ENGL-112	Modern Fiction	3		No equivalent course	
ENGL-113	Poetry	3		No equivalent course	
ENGL-114	World Mythology	3		No equivalent course	
ENGL-115	Women in Literature	3		No equivalent course	
ENGL-117	Science Fiction and Fantasy	3		No equivalent course	
ENGL-118	Introduction to Shakespeare	3		No equivalent course	
ENGL-120A	Survey of American Literature: Beginning to 1865	3		No equivalent course	
ENGL-120B	Survey of American Literature: 1865 to Present	3		No equivalent course	
ENGL-121	The Mystery: Unlocking Its Secrets	3		No equivalent course	
ENGL-122	Environmental Literature	3		No equivalent course	
ENGL-123	Contemporary World Literature	3		No equivalent course	
ENGL-125A	English Literature: From the Middle Ages to the Restoration/18 th Century	3		No equivalent course	
ENGL-125B	English Literature: From Romanticism to Modernism	3		No equivalent course	
ENGL-130	American Stories: Multicultural Autobiography and Memoir	3		No equivalent course	
Area: Written Communication II					
ENGL-101B	Reading and Composition (Introduction to Literature)	4		No equivalent course	
ENGL-104	The Short Story	3		No equivalent course	
ENGL-106	Reading Banned Books	3		No equivalent course	
ENGL-107	Literature and Film	3		No equivalent course	
ENGL-109	The Graphic Novel	3		No equivalent course	
ENGL-112	Modern Fiction	3		No equivalent course	
ENGL-113	Poetry	3		No equivalent course	
ENGL-114	World Mythology	3		No equivalent course	
ENGL-115	Women in Literature	3		No equivalent course	
ENGL-117	Science Fiction and Fantasy	3		No equivalent course	
ENGL-118	Introduction to Shakespeare	3		No equivalent course	
ENGL-120A	Survey of American Literature: Beginning to 1865	3		No equivalent course	
ENGL-120B	Survey of American Literature: 1865 to Present	3		No equivalent course	
ENGL-121	The Mystery: Unlocking Its Secrets	3		No equivalent course	
ENGL-122	Environmental Literature	3		No equivalent course	
ENGL-123	Contemporary World Literature	3		No equivalent course	
ENGL-125A	English Literature: From the Middle Ages to the Restoration/18 th Century	3		No equivalent course	
ENGL-125B	English Literature: From Romanticism to Modernism	3		No equivalent course	
ENGL-130	American Stories: Multicultural Autobiography and Memoir	3		No equivalent course	
HIST-102A	Chicana/o History I	3		No equivalent course	
HIST-102B	Chicana/o History II	3		No equivalent course	

HIST-104A	Western Civilization with a World Perspective Until 1600	3		No equivalent course	
HIST-104B	Western Civilization with a World Perspective From 1600	3		No equivalent course	
HIST-105	History of California	3		No equivalent course	
HIST-106A	World History to 1500	3		No equivalent course	
HIST-106B	World History Since 1500	3	HUM200	History of the Modern World	3
HIST-107	History of Film	3	HUM227	Film History	3
HIST-114A	African American History 1619 to 1877	3		No equivalent course	
HIST-114B	African American History 1877 to Present	3		No equivalent course	
HIST-115	Asian- American History	2		No equivalent course	
HIST-117A	History of the United States	3		No equivalent course	
HIST-117B	History of the United States	3		No equivalent course	
HIST-118	Contemporary U.S. History	3		No equivalent course	
HIST-119A	Bad Girls: Women in America Before 1890	3		No equivalent course	
HIST-119B	Bad Girls: Women in America From 1890	3		No equivalent course	
JOUR-106	Reading Banned Books	3		No equivalent course	
MM-100	Introduction to Concepts in Digital Media	3		No equivalent course	
TD-107	History of Film	3	HUM227	Film History	3
WS-115	Women in Literature	3		No equivalent course	

**Social Sciences – 9 Units in 3 Areas*
IGTEC Area 4**

Students must complete one

College			Cogswell College		
Course Code	Course title	Sem. Credit	Course Code	Course Title	Sem. Credit
Area: Human Behavior					
AJ-108	Introduction to Forensic Anthropology	3		No equivalent course	
ANTH-101	Physical Anthropology	3		No equivalent course	
ANTH-102	Cultural Anthropology	3		No equivalent course	
ANTH-103	Introduction to Archaeology	3		No equivalent course	
ANTH-104	Survey of North American Indian Cultures	3		No equivalent course	
ANTH-106	Magic, Witchcraft and Religion	3		No equivalent course	
ANTH-107	Introduction to Linguistic Anthropology	3		No equivalent course	
ANTH-108	Introduction to Forensic Anthropology	3		No equivalent course	
BA-102A	Principles of Economics- Macroeconomics	3		No equivalent course	
BA-102B	Principles of Economics- Microeconomics	3		No equivalent course	
CHS-101	Chicano/ Latin Culture	3		No equivalent course	
CHS_102A	Chicana/o History I	3		No equivalent course	
CHS-102B	Chicana/o History II	3		No equivalent course	
COMM-100	Introduction to Communication Theory	3		No equivalent course	
COMM-115	Intercultural Communication	3		No equivalent course	
COMM-118	Gender, sexual Identity, and Communication	3		No equivalent course	
COMM-122	Family Communication	3		No equivalent course	
ECS-301	Childhood Growth and Development	3		No equivalent course	
ENVS_103	The Environment and Human Health	3		No equivalent course	
ENVS-105	Energy: the Environment, Humans, and Sustainability	3		No equivalent course	
ENVS-107	Food, Culture. and the Environment	3		No equivalent course	
ENVS-109	Sustainable Urban Design and the Environment	3		No equivalent course	
GEOG-102	Cultural Geography	3		No equivalent course	
GEOG-104	World Regional Geography	3		No equivalent course	
GEOG-105	California Geography	3		No equivalent course	
GEOG-106	Economic Geography: Resources and Society	3		No equivalent course	
GEOG-107	Introduction to Global Studies	3		No equivalent course	
GEOG-108	Global Problems and Issues	3		No equivalent course	
HIST-102A	Chicana/o History I	3		No equivalent course	

HIST-102B	Chicana/o History II	3		No equivalent course
HIST-105	History of California	3		No equivalent course
HIST-106A	World History to 1500	3		No equivalent course
HIST-106B	World History Since 1500	3	HUM200	History of the Modern World 3
HIST-114A	African American History 1619 to 1877	3		No equivalent course
HIST-114B	African American History 1877 to Present	3		No equivalent course
HIST-115	Asian- American History	3		No equivalent course
HIST-117A	History of the United States	3		No equivalent course
HIST-117B	History of the United States	3		No equivalent course
HIST-119A	Bad Girls: Women in America Before 1890	3		No equivalent course
HIST-119B	Bad Girls: Women in America From 1890	3		No equivalent course
IS-110	Introduction to Ethnic Studies	3		No equivalent course
IS-120	Women of the Western World	3		No equivalent course
JOUR-155	Mass Media and Society	3		No equivalent course
PS-102	American Government	3	SSC200	U.S. Government 3
PS-103	International Relations	3		No equivalent course
PS-104	Introduction to Political theory	3		No equivalent course
PS-105	Comparative Government	3		No equivalent course
PSY-101	General Psychology	3	SSC180	Introduction to Psychology 3
PSY-102	Introduction to Experimental Psychology	3		No equivalent course
PSY-105	Child Development	3		No equivalent course
PSY-106	Adolescent Development	3		No equivalent course
PSY-108	Human Development	3		No equivalent course
PSY-112	Social Psychology	3		No equivalent course
PSY-115	Abnormal Psychology	3		No equivalent course
PSY-120	Biological Psychology	3		No equivalent course
SOC-101	Introduction to sociology	3		No equivalent course
SOC-102	Social Problems of a Diverse Culture	3		No equivalent course
SOC-103	Social science Research Methods	3		No equivalent course
SOC-105	Marriage and Family	3		No equivalent course
SOC-106	Chicano/ Latino Culture	3		No equivalent course
WS-101	Introduction to Gender and Women's Studies	3		No equivalent course
WS-108	Gender, Sexual Identity, and Communication	3		No equivalent course
WS-120	Women of the Western World	3		No equivalent course

**Mathematics & The Sciences for Non-Engineering – 9 Units in 2 Areas*
ICTEC Area 2 & 5**

*Students must complete one (1) course in each area (i.e., Mathematical Concepts and Quantitative Reasoning, Physical and Biological Sciences) and complete a second Physical and Biological Science course to meet credit requirement.

College			Cogswell College		
Course Code	Course title	Sem. Credit	Course Code	Course Title	Credits

Area: Mathematical Concepts & Quantitative Reasoning one course

MATH-152	Algebra II & Trigonometry	5	MATH115	College Algebra & Trigonometry	3
MATH-181	Trigonometry	3			
MATH-188	Pre-calculus	5	MATH116	Pre-Calculus	4
MATH-010A	Calculus with Analytic Geometry	5	MATH144	Calculus 1	4

Area: Physical & Biological Sciences 2 courses

PHYS-120	Introduction to Physics I	4	SCI101	Basic Physics 1	3
PHYS-121	Introduction to Physics II	4	SCI102	Basic Physics 2	3
PHYS-140	Mechanics	4	SCI145	College Physics 1	4
PHYS-141	Electricity and Magnetism	4	SCI245	College Physics 2	4

**Mathematics & The Sciences for-Engineering – 12 Units in 2 Areas*
ICTEC Area 2 & 5**

*Students must complete one (1) course in each area (i.e., Mathematical Concepts and Quantitative Reasoning, Physical and Biological Sciences) and complete a second Physical and Biological Science course to meet credit requirement.

College			Cogswell College		
Course Code	Course title	Sem. Credit	Course Code	Course Title	Credits

Area: Mathematical Concepts & Quantitative Reasoning					
MATH-010A	Calculus with Analytic Geometry	4	MATH144	Calculus 1	4
Area: Physical Sciences 2 courses					
PHYS-140	Mechanics	4	SCI145	College Physics 1	4
PHYS-141	Electricity and Magnetism	4	SCI245	College Physics 2	4

**PHYSICAL & BIOLOGICAL SCIENCES: Students in a Digital Audio Technology program who have not completed a physics course will be required to take a physics course to meet pre-requisite coursework for secondary science course in program of study.

Area: Mathematical Concepts & Quantitative Reasoning

Area: Physical & Biological Sciences**

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

***Additional mathematic courses are required for engineering students.

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

Articulation Agreement Updated: 09/01/2018

Approved by: Karen Keister, Articulation Officer, 9k^{keister@cogswell.edu}