

Gen Ed Core Courses in comparison with the MTA courses and classifications

COURSE	TITLE	CREDITS	GEN ED	APPLIED	MTA
ALHE 102	Communication for Health Care Professionals	2.00		Effective Communication	
ANIM 103	Introduction to Video Art	3.00		Effective Communication	
ANTH 200	Introduction to Anthropology	3.00	Critical Thinking		Social Sciences
ART 103	Two-Dimension Design	3.00		Effective Communication	
ART 110	Drawing 1	3.00		Effective Communication	
ART 209	Introduction to Studio Art	3.00	Effective Communication		
ART 210	History of Photography and Film	3.00	Personal & Cultural Engage		
ART 211	Art Appreciation	3.00	Personal & Cultural Engage		Humanities and Fine Arts
ART 212	Art History	3.00	Personal & Cultural Engage		Humanities and Fine Arts
ART 213	Art History	3.00	Personal & Cultural Engage		Humanities and Fine Arts
ART 214	Photography Appreciation	3.00	Personal & Cultural Engage		Humanities and Fine Arts
ART 215	Art Seminar 1	3.00		Personal & Cultural Engage	
ART 222	Introduction to Photography	3.00	Effective Communication		
ART 223	Intermediate Photography	3.00		Effective Communication	
ART 227	Digital Color Photography	3.00		Effective Communication	
ART 229	Studio Photography	3.00		Effective Communication	
ART 230	Digital Color Photography 2	3.00		Effective Communication	
ASTR 104	Introductory Astronomy	4.00	Critical Thinking		Natural Sciences
BIOL 101	Biological Science	4.00	Critical Thinking		Natural Sciences
BIOL 105	Essentials of Human Anatomy and Physiology	4.00		Critical Thinking	Natural Sciences
BIOL 109	Principles of Biology: Organismal	4.00	Critical Thinking		Natural Sciences
BIOL 110	Principles of Biology: Cellular	4.00	Critical Thinking		Natural Sciences
BIOL 111	Botany	4.00		Critical Thinking	
BIOL 140	Life Science for Elementary Educators	4.00		Critical Thinking	Natural Sciences
BIOL 201	Human Anatomy	4.00			Natural Sciences
BIOL 202	Human Physiology	4.00	Critical Thinking		Natural Sciences
BIOL 205	Microbiology	4.00		Critical Thinking	Natural Sciences
BUAD 115	Global Business	3.00		Personal & Cultural Engage	
BUAD 212	Personal Finance	3.00		Critical Thinking	
BUAD 213	Business Statistics	3.00		Critical Thinking	
CHEM 100	Fundamentals of Chemistry	4.00	Critical Thinking		Natural Sciences
CHEM 110	General Chemistry 1	4.00	Critical Thinking		Natural Sciences
CHEM 111	General Chemistry 2	4.00	Critical Thinking		Natural Sciences
CHEM 201	Organic Chemistry 1	4.00		Critical Thinking	Natural Sciences
CHEM 202	Organic Chemistry 2	4.00		Critical Thinking	Natural Sciences
CHEM 210	Introduction to Organic and Biochemistry	4.00		Critical Thinking	Natural Sciences
COMM 110	Introduction to Communication Studies	3.00	Effective Communication		Communications
COMM 111	Business and Technical Communication	3.00		Effective Communication	Communications
COMM 207	Public Speaking	3.00	Effective Communication		Communications
COMM 241	Foundations of Mass Communication	3.00	Personal & Cultural Engage		Communications
CP 101	C++ Programming 1	3.00		Critical Thinking	
CP 103	Introduction to Programming using Python	2.00		Critical Thinking	
CRJU 296	Field Experience	3.00		Critical Thinking	
DEHY 232	Community Dentistry 2	2.00		Personal & Cultural Engage	
DRAF 101	Engineering Graphics	4.00		Critical Thinking	
ECE 210	Child Growth and Development	3.00		Personal & Cultural Engage	
ECON 201	Principles of Economics-Macro	3.00	Critical Thinking		Social Sciences
ECON 202	Principles of Economics-Micro	3.00	Critical Thinking		Social Sciences
EDUC 200	Foundations of Education	3.00		Personal & Cultural Engage	
EMT 255	Paramedic Clinical Experience 2	3.50		Critical Thinking	
EMT 260	Paramedic Internship	5.00		Personal & Cultural Engage	
ENGL 151	Freshman Composition	3.00	Effective Communication		English Composition
ENGL 151H	Freshman Composition - Honors	3.00	Effective Communication		English Composition
ENGL 152	Freshman Composition	3.00	Effective Communication		English Composition
ENGL 152H	Freshman Composition - Honors	3.00	Effective Communication		English Composition
ENGL 153	Technical English	3.00			English Composition
ENGL 203	Introduction to Creative Writing	3.00		Effective Communication	English Composition
ENGR 256	Statics	3.00		Critical Thinking	Natural Sciences
ENGR 258	Dynamics	4.00		Critical Thinking	Natural Sciences
FREN 101	Elementary French	4.00			Humanities and Fine Arts
FREN 102	Elementary French	4.00			Humanities and Fine Arts
FREN 201	Intermediate French	4.00			Humanities and Fine Arts
FREN 202	Intermediate French	4.00			Humanities and Fine Arts
GEOG 100	Physical Geography	4.00	Critical Thinking		Natural Sciences
GRDE 103	Introduction to Graphic Design	3.00		Effective Communication	
GRDE 135	Digital Illustration and Layout	3.00		Effective Communication	
HIST 103	American Foundations	3.00	Personal & Cultural Engage		Social Sciences
HIST 104	Modern America	3.00	Personal & Cultural Engage		Social Sciences

HIST 104H	Modern America - Honors	3.00	Personal & Cultural Engage		Social Sciences
HIST 106	Religious History	3.00			Social Sciences
HIST 151	Western Civilization: Early Western World	3.00	Personal & Cultural Engage		Social Sciences
HIST 151H	Western Civilization: Early Western World - Honors	3.00	Personal & Cultural Engage		Social Sciences
HIST 152	Western Civilization: Modern Western World	3.00	Personal & Cultural Engage		Social Sciences
HIST 152H	Western Civilization: Modern Western World - Honors	3.00	Personal & Cultural Engage		Social Sciences
HIST 201	Global History to 1500	3.00	Personal & Cultural Engage		Social Sciences
HIST 202	Global History from 1500 to Present	3.00	Personal & Cultural Engage		Social Sciences
HIST 210	History of Michigan	3.00		Personal & Cultural Engage	Social Sciences
HIST 211	History of England to 1688	3.00		Personal & Cultural Engage	Social Sciences
HIST 212	History of England from 1688	3.00		Personal & Cultural Engage	Social Sciences
HIST 240	African American History	3.00		Personal & Cultural Engage	Social Sciences
HIST 250	History of Africa	3.00		Personal & Cultural Engage	Social Sciences
HIST 260	History of Middle East and North Africa	3.00		Personal & Cultural Engage	Social Sciences
HUMA 151	Encounter with the Arts	3.00	Personal & Cultural Engage		Humanities and Fine Arts
HUSE 101	Introduction to Human Services	3.00		Personal & Cultural Engage	
INTL 210	Introductory Travel	3.00			Humanities and Fine Arts
JOUR 112	News Writing	3.00		Effective Communication	Communications
LITE 105	Introduction to Literature	3.00	Personal & Cultural Engage		Humanities and Fine Arts
LITE 205	World Literature 1	3.00		Personal & Cultural Engage	Humanities and Fine Arts
LITE 206	World Literature 2	3.00		Personal & Cultural Engage	Humanities and Fine Arts
LITE 211	American Literature 1	3.00		Personal & Cultural Engage	Humanities and Fine Arts
LITE 212	American Literature 2	3.00		Personal & Cultural Engage	Humanities and Fine Arts
LITE 213	Children's Literature	3.00		Personal & Cultural Engage	Humanities and Fine Arts
LITE 216	Film Interpretation	3.00			Humanities and Fine Arts
LITE 223	Shakespeare	3.00		Personal & Cultural Engage	Humanities and Fine Arts
LITE 230	Bible as Literature	3.00		Personal & Cultural Engage	Humanities and Fine Arts
LITE 240	African-American Literature	3.00			Humanities and Fine Arts
LITE 241	Science Fiction	3.00			Humanities and Fine Arts
LITE 285	Studies in the Novel	3.00		Personal & Cultural Engage	Humanities and Fine Arts
MATH 111	Mathematics for Elementary Teachers	4.00		Critical Thinking	
MATH 112	Mathematics for Elementary Teachers 2	4.00		Critical Thinking	
MATH 115	Math for Liberal Arts	4.00	Critical Thinking		Mathematics
MATH 125	College Algebra	4.00	Critical Thinking		Mathematics
MATH 130	Statistics	3.00	Critical Thinking		Mathematics
MATH 132	Trigonometry	3.00		Critical Thinking	Mathematics
MATH 140	Preparation for Calculus	4.00		Critical Thinking	Mathematics
MATH 141	Calculus 1	5.00		Critical Thinking	Mathematics
MATH 142	Calculus 2	5.00		Critical Thinking	Mathematics
MATH 241	Calculus 3	4.00		Critical Thinking	Mathematics
MATH 242	Differential Equations and Linear Algebra	4.00		Critical Thinking	Mathematics
MUSI 107	Voice Class	2.00		Personal & Cultural Engage	
MUSI 130	Music Theory 1	3.00		Critical Thinking	Humanities and Fine Arts
MUSI 131	Music Theory 2	3.00			Humanities and Fine Arts
MUSI 141	Fundamentals of Music for Teaching	3.00		Effective Communication	Humanities and Fine Arts
MUSI 211	Music Appreciation	3.00	Personal & Cultural Engage		Humanities and Fine Arts
MUSI 240	Music in Early Childhood	3.00		Critical Thinking	Humanities and Fine Arts
MUSI 250	Music History 1	3.00	Critical Thinking		Humanities and Fine Arts
MUSI 260	Basic Conducting	2.00		Effective Communication	
NURS 141	The Fundamentals of Nursing	6.00		Effective Communication	
NURS 150	Chronic Physiologic Integrity	6.00		Critical Thinking	
NURS 155	Family Processes	6.00		Personal & Cultural Engage	
NURS 276	Psychosocial Integrity	5.00		Effective Communication	
NURS 281	Complex Physiologic Integrity 2	6.00		Critical Thinking	
NURS 286	Transition to Practice	6.00		Personal & Cultural Engage	
OIT 130	Office Procedures/Keyboarding 1	4.00		Effective Communication	
OIT 161	Applications Software	3.00		Critical Thinking	
PEHL 102	Activity Wellness: Cardio Tone	3.00		Personal & Cultural Engage	
PEHL 126	Activity Wellness: Sports Conditioning	3.00		Personal & Cultural Engage	
PEHL 140	Healthy Lifestyle Practices	2.00	Personal & Cultural Engage		
PEHL 142	Stress Management	3.00		Personal & Cultural Engage	
PEHL 200	Sports Nutrition	3.00		Critical Thinking	
PEP 290	Preschool and Elementary Physical Education	2.00		Personal & Cultural Engage	
PHIL 201	Introduction to Philosophy	3.00	Critical Thinking		Social Sciences
PHIL 201H	Introduction to Philosophy - Honors	3.00	Critical Thinking		Social Sciences
PHIL 202	Introduction to Ethics	3.00	Personal & Cultural Engage		Social Sciences
PHIL 230	Philosophy of Religion	3.00		Personal & Cultural Engage	Humanities and Fine Arts
PHIL 240	Survey of the Bible	3.00		Personal & Cultural Engage	Humanities and Fine Arts
PHIL 260	Cults and New Religious Movements	3.00			Humanities and Fine Arts
PHYS 111	College Physics 1	4.00	Critical Thinking		Natural Sciences
PHYS 112	College Physics 2	4.00	Critical Thinking		Natural Sciences

PHYS 221	Physics for Scientists and Engineers 1	5.00	Critical Thinking		Natural Sciences
PHYS 222	Physics for Scientists and Engineers 2	5.00	Critical Thinking		Natural Sciences
POSC 201	American System of Government (Federal)	3.00	Personal & Cultural Engage		Social Sciences
POSC 201H	American System of Government (Federal) - Honors	3.00	Personal & Cultural Engage		Social Sciences
POSC 202	American System of Government (State and Local)	3.00		Personal & Cultural Engage	Social Sciences
POSC 210	Introductory Comparative Politics	3.00		Personal & Cultural Engage	Social Sciences
POSC 211	International Relations	3.00	Personal & Cultural Engage		Social Sciences
PSYC 201	Introduction to Psychology	3.00	Critical Thinking		Social Sciences
PSYC 201H	Introduction to Psychology-Honors	3.00	Critical Thinking		
PSYC 220	Developmental Psychology	3.00		Critical Thinking	Social Sciences
PSYC 240	Introduction Applied Behavior Analysis	3.00			Social Sciences
PSYC 250	Abnormal Psychology	3.00		Critical Thinking	Social Sciences
PSYC 265	Addiction and Human Behavior	3.00			Social Sciences
PSYC 270	Human Sexuality	3.00			Social Sciences
PSYC 275	Criminal Psychology	3.00			Social Sciences
PSYC 285	Intro to Neuropsychology	3.00			Social Sciences
PSYC 290	Social Psychology	3.00	Personal & Cultural Engage		Social Sciences
PTA 110	Fundamentals of Physical Therapist Assisting	3.00		Personal & Cultural Engage	
PTA 119	Orthopedics	3.00		Critical Thinking	
PTA 220	Concepts in Physical Therapist Assisting	2.00		Effective Communication	
PTA 223	Seminar in Physical Therapist Assisting	2.00		Personal & Cultural Engage	
PTA 228	Coordinated Clinical Experience 2	3.00		Effective Communication	
RADI 125	Introduction to Medical Imaging and Patient Care	3.00		Effective Communication	
RADI 221	Principles of Radiologic Imaging 2	3.00		Critical Thinking	
SCIE 100	Environmental Science	4.00	Personal & Cultural Engage		Natural Sciences
SCIE 102	Physical Science	4.00		Critical Thinking	Natural Sciences
SCIE 103	Field Investigation in Environmental Studies	4.00		Critical Thinking	Natural Sciences
SERV 200	Service Learning	3.00	Personal & Cultural Engage		Humanities and Fine Arts
SOCI 201	Intro to Sociology	3.00	Personal & Cultural Engage		Social Sciences
SOCI 201H	Intro to Sociology - Honors	3.00	Personal & Cultural Engage		Social Sciences
SOCI 202	Social Problems	3.00		Personal & Cultural Engage	Social Sciences
SOCI 205	Families in Society	3.00		Personal & Cultural Engage	Social Sciences
SOCI 206	Race and Ethnic Relations	3.00		Personal & Cultural Engage	Social Sciences
SPAN 101	Elementary Spanish	4.00	Effective Communication		Humanities and Fine Arts
SPAN 102	Elementary Spanish	4.00	Effective Communication		Humanities and Fine Arts
SPAN 201	Intermediate Spanish	4.00		Effective Communication	Humanities and Fine Arts
SPAN 202	Intermediate Spanish	4.00		Effective Communication	Humanities and Fine Arts
THEA 121	Theatre Appreciation 1	3.00	Personal & Cultural Engage		Humanities and Fine Arts
THEA 218	Acting 1	3.00	Effective Communication		
THEA 223	Acting for the Camera	3.00		Effective Communication	
THEA 251	Introduction to Children's Theatre	3.00			Humanities and Fine Arts