

## Central Michigan University

External Course #	Course Name	Credit	Bay Course #	Bay Course Name	Bay Credit	Comments
ACC 101	Introduction to Accounting	3.00	AC 100	Practical Accounting	3.00	
ACC 201	Concepts of Financial Accounting	3.00	AC 101	Accounting Principles I	3.00	
ACC 250	Introduction to Financial Accounting	3.00	AC 101	Accounting Principles I	3.00	
ACC 202	Concepts of Managerial Accounting	3.00	AC 102	Accounting Principles II	3.00	
ANT 170	Cultural Anthropology	3.00	AN 201	Intro to Cultural Anthropology	3.00	
ART 105	Drawing I: Introduction	3.00	FA 205	Drawing I	3.00	
ART 110	Ceramics I: Introduction to Handbuilding	3.00	FA 203	Ceramics	3.00	
ART 115	Design I	3.00	FA 100	Introduction to Art- Design I	3.00	
ART 130	Painting I	3.00	FA 200	Painting I	3.00	
ART 150	Printmaking I	3.00	FA 202	Printmaking	3.00	
ART 160	Sculpture I	3.00	FA 201	Sculpture	3.00	
ART 205	Drawing II	3.00	FA 215	Drawing II	3.00	
ART 210	Ceramics II: Introduction to Pottery	3.00	FA 230	Ceramics II	3.00	
ART 215	Design II	3.00	FA 101	Introduction to Art- Design II	3.00	
ART 230	Painting II	3.00	FA 220	Painting II	3.00	
AST 111	Astronomy	3.00	PH 104	Introduction to Astronomy	3.00	
BCA 288	History and Appreciation of the Cinema	3.00	CM 225	Film and History Interpretation	3.00	
BIO 101	General Biology	3.00	BI 103	Essential Biology	3.00	
BIO 101	General Biology	3.00	BI 110	General Biology I	3.00	
BIO 151	Human Biology	3.00	BI 104	Human Biology	3.00	
BIO 203	General Botany	3.00	BI 200	Plant Biology	3.00	
BIO 208	Microbiology	3.00	BI 226	Microbiology	3.00	
BIO 218	General Zoology	3.00	BI 220	Animal Biology	3.00	
BIO 326	Genetics	4.00	BI 255 BI 256	Genetics <b>AND</b> Genetics Lab	3.00 1.00	BIO 326 satisfies <b>both</b> BI 255 & BI 256
BIO 340	Ecology	3.00	BI 270 BI 271	Ecology <b>AND</b> Ecology Lab	3.00 0.00	BIO 340 satisfies <b>both</b> BI 270 & BI 271
BIS 104	Computers and Society	3.00	CA 101	Computer Concepts/Applications	3.00	
BIS 105	Word Processing Concepts	1.00	CA 120	Microsoft Word	1.00	
BIS 106	Spreadsheet Concepts	1.00	CA 121	Microsoft Excel	1.00	
BIS 107	Database Concepts	1.00	CA 122	Microsoft Access	1.00	
BIS 108	Computer Graphics Concepts	1.00	CA 123	Microsoft PowerPoint	1.00	
BIS 112	Beginning Keyboarding	1.00	OS 105	Keyboarding	1.00	
BUS 100	Essential Business Skills	3.00	BU 151	Introduction to Business	3.00	
CHM 120	Survey of Chemistry <b>AND</b>	4.00	CH 103	Essential Chemistry	4.00	<b>Both</b> CHM 120 & CHM 127 are required to satisfy CH 103
CHM 127	Introductory Chemistry Lab	1.00	CH 000	Lab Elective	1.00	
CHM 131	Introduction to Chemistry I	4.00	CH 105	General Chemistry I	4.00	
CHM 132	Introduction to Chemistry II	4.00	CH 106	General Chemistry II	4.00	

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CHM 345	Organic Chemistry	3.00	CH 201	Organic Chemistry I	3.00	
CHM 346	Organic Chemistry II	3.00	CH 202	Organic Chemistry II	3.00	
CHM 349	Introduction to Organic Chemistry Lab	2.00	CH 000	Lab Elective	2.00	
CPS 100	Computers and Society	3.00	CA 101	Computer Concepts/Applications	3.00	
CPS 105	Word Processing Concepts	1.00	CA 120	Microsoft Word	1.00	
CPS 106	Spreadsheet Concepts	1.00	CA 121	Microsoft Excel	1.00	
CPS 107	Database Concepts	1.00	CA 122	Microsoft Access	1.00	
CPS 108	Computer Graphics Concepts	1.00	CA 123	Microsoft PowerPoint	1.00	
CPS 110	Information Technology Programming I	3.00	CA 103	Visual Basic	3.00	
CPS 165	Designing Web Pages	1.00	CA 210	Web Page Design & Structure	1.00	
CPS 180	Principles of Computer Programming	3.00	CS 121	Intro to Computer Science I	3.00	
ECO 201	Principles of Macroeconomics	3.00	EC 113	Macroeconomics	3.00	
ECO 202	Principles of Microeconomics	3.00	EC 114	Microeconomics	3.00	
ECO 203	Microeconomic Principles for Business	3.00	EC 114	Microeconomics	3.00	
ECO 204	Principles of Macro- and Global Economics	3.00	EC 113	Macroeconomics	3.00	
EHS 102	Academic Learning Skills	2.00	EN 111	College Success Skills	2.00	
EHS 103	Reading Improvement	3.00	EN 109	Reading for Speed/Comprehension	3.00	
ENG 101	Freshmen Composition	3.00	EN 101	Rhetoric and Composition	3.00	
ENG 201	Intermediate Composition	3.00	EN 102 EN 000	Research Writing Composition Elective	2.00 1.00	
ENG 294	Introduction to Creative Writing	3.00	EN 208	Writing Poetry and Short Fiction	3.00	
ENG 349	Shakespeare	3.00	EN 203	Shakespeare	3.00	
FIN 201	Personal Finance	3.00	EC 110	Consumer Economics	3.00	
FRN 101	Elementary French I	4.00	FR 111	French I	4.00	
FRN 102	Elementary French II	4.00	FR 112	French II	4.00	
GEO 105	Physical Geography	3.00	GE 103	Physical Geography	3.00	
GEO 121	Cultures of the World	3.00	GE 121	World Regional Geography	3.00	
GER 101	Elementary German I: Language and Culture	4.00	GR 101	German Language and Culture I	4.00	
GER 102	Elementary German II: Language/Culture	4.00	GR 102	German Language and Culture II	4.00	
HEV 211	Marriage and Family Perspectives	3.00	SO 208	Marriage and the Family	3.00	
HSC 106	Healthy Lifestyles	3.00	ED 201	Health Education	3.00	
HSC 201	Medical Terminology	2.00	NE 100	Medical Terminology	2.00	
HSC 214	Human Anatomy <b>AND</b>	3.00	BI 213	Anatomy & Physiology I <b>AND</b>	3.00	<b>Both HSC 214 &amp; HSC 215 are required to satisfy BI 213 &amp; BI</b>
HSC 215	Human Physiology	3.00	<b>AND BI</b>	Anatomy & Physiology II	3.00	
HSC 411	Pathophysiology	3.00	BI 276	Pathophysiology	3.00	
HST 101	The Development of Western Civilization	3.00	HS 101	Western Civilization to 1600	3.00	
HST 102	The Development of Western Civilization	3.00	HS 102	Western Civilization- 1600-Present	3.00	
HST 111	United States to 1865	3.00	HS 211	United States History to 1865	3.00	
HST 112	United States 1865 to Present	3.00	HS 212	US History from 1865 to Present	3.00	

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IET 354	Descriptive Geometry	3.00	CG 135	Descriptive Geometry	3.00	
IET 357	Residential Architectural Graphics	3.00	CG 240	Drafting/Modeling- Architecture	3.00	
IET 377	Numerical Control Programming	3.00	MT 105	Basic Numerical Control	3.00	
IET 457	Computer-Aided Design	3.00	CG 255	Industrial Design & Manufacturing	3.00	
IPC 357	Public Speaking	3.00	CM 104	Public Speaking	3.00	

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IPC 361	Dynamics of Interpersonal Communication	3.00	CM 103	Interpersonal Communication	3.00	
MTH 105	Intermediate Algebra	3.00	MA 105	Intermediate Algebra	3.00	
MTH 106	Plane Trigonometry	3.00	MA 111	Trigonometry	3.00	
MTH 107	College Algebra	3.00	MA 110	College Algebra	3.00	
MTH 132	Calculus I	4.00	MA 141	Analytical Geometry/Calculus I	4.00	
MTH 133	Calculus II	4.00	MA 142	Analytical Geometry/Calculus II	4.00	
MTH 151	Mathematics for Elementary Teachers	3.00	MA 130	Math for Elementary Teachers I	3.00	
MTH 223	Linear Algebra and Matrix Theory	3.00	MA 250	Introduction to Linear Algebra	3.00	
MTH 233	Calculus III	4.00	MA 243	Analytical Geometry/Calculus III	4.00	
MTH 334	Differential Equations	3.00	MA 244	Differential Equations	3.00	
MUS 114	Listening Experience	3.00	MU 153	Music Appreciation	3.00	
PED 256	Intermediate Golf	1.00	PE 218	Intermediate Golf	1.00	
PHS 101 PHS 127	Survey of Physical Science <b>AND</b> Table Top Physics	3.00 1.00	PH 103	Conceptual Physical Science	4.00	<b>Both</b> PHS 101 & PHY 127 are required to satisfy PH 103
PHY 130 PHY 170	College Physics I <b>AND</b> College Physics Lab I	4.00 1.00	PH 201 PH 000	Elements of Physics I <b>AND</b> Lab	4.00 1.00	<b>Both</b> PHY 130 & PHY 170 are required to satisfy PH 201
PHY 131 PHY 171	College Physics II <b>AND</b> College Physics Lab II	4.00 1.00	PH 202 PH 000	Elements of Physics II <b>AND</b> Lab	4.00 1.00	<b>Both</b> PHY 131 & PHY 171 are required to satisfy PH 202
PHY 145 PHY 175	University Physics I <b>AND</b> University Physics Lab I	4.00 1.00	PH 205	University Physics I	5.00	<b>Both</b> PHY 145 & PHY 175 are required to satisfy PH 205
PHY 146 PHY 176	University Physics II <b>AND</b> University Physics Lab II	4.00 1.00	PH 206	University Physics II	5.00	<b>Both</b> PHY 146 & PHY 176 are needed to satisfy PH 206
PHY 220	Engineering Mechanics: Statics	3.00	PH 260	Statics	3.00	
PSC 105	Intro to American Government/Policies	3.00	PS 111	American Government	3.00	
PSC 261	State and Local Government	3.00	PS 262	State and Local Government	3.00	
PSC 351	International Relations	3.00	PS 201	International Relations	3.00	
PSY 100	Introduction to Psychology	3.00	PY 201	Introduction to Psychology	3.00	
PSY 220	Developmental Psychology	3.00	PY 220	Developmental Psychology	3.00	
PSY 250	Abnormal Psychology	3.00	PY 280	Abnormal Psychology	3.00	
PSY 330	Social Psychology	3.00	PY 206	Social Psychology	3.00	
PSY 383	Learning and Memory	3.00	PY 210	Psychology of Learning	3.00	
SOC 100	Introductory Sociology	3.00	SO 151	Sociology	3.00	
SOC 221	Social Problems	3.00	SO 207	Social Problems	3.00	
SPN 101	Elementary Spanish I	4.00	SP 101	Spanish I	4.00	
SPN 102	Elementary Spanish II	4.00	SP 102	Spanish II	4.00	
STA 282	Introduction to Statistics	3.00	MA 210	Introduction to Statistics	3.00	
TAI 170	Fundamentals of Interpretative Reading	3.00	HU 000	Humanities Elective	3.00	
TAI 175	Appreciation of the Theatre	3.00	FA 210	Theatre Appreciation	3.00	