EASTERN MICHIGAN UNIVERSITY ARCHIVED ARTICULATION GUIDE

September 2011

This guide can only be used for students that started at a community college prior to Fall 2014.

Washtenaw Community College - Associate in Arts in Secondary Education Eastern Michigan University - Bachelor of Science in Secondary Education

Washtenaw Community College Courses: Eastern Michigan University:

washtenaw Community College Courses:	Eastern Michigan University:
MACRAO Requirements (33 credits)	(33 credits)
1. English Writing Requirement (7 credits)	(7 credits)
ENG 111 Composition I4	ENGL 121 Composition II: Res. Pub. Exp. (3)+14
ENG 226 Composition II3	ENGL 225 Writing in a Changing World3
2. Math/Science Requirement (8 credits)	(8 credits)
¹ Complete one course: (Complete at WCC)4	One course4
MTH 176 College Algebra (4)	MATH 105 College Algebra (3)+1
MTH 160 Basic Statistics (4)	MATH 170 Elementary Statistics (3)+1
MTH 181 Mathematical Analysis I (4)	MATH 118 Linear Models & Probability (3)+1
MTH 182 Business Calculus (4)	MATH 119 Applied Calculus (3)+1
Complete one course:	One course4
BIO 101, BIO 102; CEM 105, CEM 111; GLG 100,	Courses will transfer as equivalent courses or
GLG 114; PHY 105, PHY 111, or other WCC	General Education credit or general transfer credit
approved MACRAO lab science course	(0 11()
3. Humanities Requirement (9 credits)	(9 credits)
COM 101 Fundamentals of Speaking	CTAC 124 Fundamentals of Speech
² Complete one course:3 ENG 181 African-American Literature	Perspectives on a Diverse World Requirement:
ENG 214 Literature of the Non-western World	LITR 160 American Ellerature LITR GEGA Global Awareness transfer credit
ENG 242 Multicultural Literature for Youth	CHL 208 Multicultural Children's Lit
Complete one course:	One course:
Choose from courses approved by WCC to satisfy the	Courses may transfer as equivalent courses, General
MACRAO humanities requirement.	Education transfer credit, or general transfer credit.
·	(9 credits)
4. Social Science Requirement (9 credits) PLS 112 American Government	PLSC 112 American Government3
PSY 100 Introductory Psychology3	PSY 101 General Psychology3
Complete one course from the following:3	One course
HST 121, 122, 123, 201, or 202	Courses may transfer as equivalent courses, General
	Education transfer credit, or general transfer credit.
WCC Major/Area Requirements (27 credits)	(27 credits)
* PSY 220 Human Development & Learning4	EDPS 322 Human Development and Learning4
*PSY 251 Education of Exceptional Children3	SPGN 251 Education of Students with Exceptionalities3
Complete one course from the following:	One course (University Elective)3
CIS 100 Intro to Computers &Software Apps (3)	BMMT 201 Microcomp for Business Applic (3)
CIS 110 Intro to Computer Information Systems (3)	IS 215 End-User Computing (3)
³ Major/minor Courses17	Major/Minor requirements17
Select from the WCC courses that apply to secondary educ	cation majors and minors on pages 2 through 5.
Credits at WCC:60	Credits that transfer to EMU 60

^{*}Required for EMU's Secondary Education program.

MTH 160, 176, 181 or 182 should be completed at WCC to satisfy EMU's quantitative reasoning requirement. If completed at EMU, MATH 110 is required, unless waived by ACT/SAT math placement score. MTH 125 may also be used, but be sure you will have enough math/science credits to satisfy the minimum of 8 credits in this category.

² Satisfies EMU's Perspectives on a Diverse World requirement.

³There may not be enough transferable courses in some majors or minors to complete the program at WCC. Students may take major/minor courses at EMU and transfer them back to WCC in order to complete the Associate degree.

EASTERN MICHIGAN UNIVERSITY ARTICULATION GUIDE

September 2011

Washtenaw Community College – Associate in Arts in Secondary Education Eastern Michigan University – Bachelor of Science in Secondary Education

Completion of Secondary Education Program at EMU

First Semester at EMU

Students with a community college GPA of 3.0 or higher, who have completed at least 56 transferable credits and have passed the Professional Readiness Examination may apply for admission to the Teacher Preparation Program. Students who do not meet these requirements must complete at least 12 credits at EMU to establish an overall GPA of 2.5 and a GPA of 2.5 in the major.

Remaining Major/minor Requirements (36-60 credits)

For information on approved secondary education majors and minors go to: http://www.emich.edu/coe/students/undergraduate/types/secondary.html

Profess	ional Studies	(33 credits)
Phases I	& II Courses (19 credits)	
CURR 305	Curriculum & Methods: Secondary	3
EDMT 330	Instructional Applic Media & Tech	3
EDPS 340	Intro to Assessment & Evaluation	3
PRCT 305	Practicum I: Secondary	3
SOFD 328W	/ Schools in Multicultural Society	3
PRCT 311	Practicum II: Secondary	
RDNG 311	Teaching Reading in Secondary School	3
Specialized	Methods of Teaching course in subject area	3
Phase III	Capstone Experience (12 Credits)	
¹ EDUC 492	Student Teaching	9
Credits a	at EMU:	69-93
	its are approximate. Credits at EMU and total credits wil inor as well as specific courses selected.	ll vary depending on
	mate Credits to Graduate:s Learning beyond the Classroom requirement.	128-151

WCC Courses That Transfer for Secondary Education Majors and Minors

These courses may be used to satisfy electives in WCC's Secondary Education program. Although all of the courses listed below will transfer to EMU, students should select carefully so that they will be able to meet the minimum requirements at EMU. A minimum of 60 credits toward the program total must be completed at the four-year college level; and at least 9 hours in a major and 6 hours in a minor, both at the 300/400 level, must be completed at EMU. Majors include a minimum of 30 credits and minors a minimum of 20 credits. For information on secondary education majors/minors go to: http://www.emich.edu/coe/students/undergraduate/types/secondary.html

Washtenaw Community College:		Easteri	n Michigan University:
Biology N	lajor/*Minor		
*BIO 103	General Biology II4	BIO 110	Introductory Biology I4
* BIO 227	Biology of Animal Physiology (4) and		
* BIO 228	Biology of Plant Physiology (4)8	BIO 120	Introductory Biology II (4)+48
*BIO 208	Genetics4	BIO 301	Genetics 4
BIO 215	Cell and Molecular Biology4	BIO 305/3	06 Cell and Molecular Biology & Lab5
CEM 111	General Chemistry I4	CHEM 12	1/122 General Chemistry I & Lab4
CEM 122	General Chemistry II4	CHEM 123	3/124 General Chemistry II & Lab4
CEM 211	Organic Chemistry I4	CHEM 37	1 Organic Chemistry I4
CEM 222	Organic Chemistry II4	CHEM 372	2 Organic Chem III (3) & CHEM 373 Lab (2) 4

Community College Relations

Corrected: March 16, 2015

Copies of this guide are available on-line at: http://www.emich.edu/ccr/artguide.php

EASTERN MICHIGAN UNIVERSITY ARTICULATION GUIDE

September 2011

Washtenaw Community College:	Eastern Michigan University:
PHY 111 General Physics I4	PHY 221 Mechanics, Sound and Heat4
PHY 122 General Physics II4	PHY 222 Electricity and Light4
Choose one course from the following:4-5	One course:4-5
MTH 160 Basic Statistics (4)	MATH 170 Elementary Statistics (3)
MTH 191 Calculus I (5)	MATH 120 Calculus I (4)
Chemistry Major/*Minor	
*CEM 111 General Chemistry I4	CHEM 121/122 General Chemistry I & Lab4
*CEM 122 General Chemistry II4	CHEM 123/124 General Chemistry II & Lab4
CEM 211 Organic Chemistry I4	CHEM 371 Organic Chemistry I4
CEM 222 Organic Chemistry II4	CHEM 372/373 Organic Chemistry II & Lab4
¹ MTH 191 Calculus I5	MATH 120 Calculus I
¹ Complete one course from the following:4-5	One course:
PHY 111 General Physics I (4)	PHY 221 Mechanics, Sound and Heat
PHY 211 Analytical Physics I (5)	PHY 223 Mechanics and Sound
¹ Complete one course from the following:4-5	One course:
PHY 122 General Physics II (4)	PHY 222 Electricity and Light
PHY 222 Analytical Physics II (5)	PHY 224 Electricity and Light
Communication and Theatre Arts Major/*Minor	, .
¹ COM 101 Fundamentals of Speaking3	CTAC 124 Fundamentals of Speech
*COM 102 Interpersonal Communication	CTAC 227 Interpersonal Communication
COM 130 Intro to Mass Communication	CTAT 130 Intro to Electronic Media
*COM 142 Oral Interpretation of Literature3	CTAO 210 Interpretation of Reading3
COM 183 Persuasion3	CTAC 224 Public Speaking3
*DRA 180 Theatre Appreciation3	CTAR 150 Introduction to Theatre
DRA 152 Acting I	CTAR 158 Fundamentals of Acting
DRA 204 Improvisational Acting3	CTAR 323 Improvising and Role Play3
Computer Science Education Major/*Minor	
*CIS 100 Intro to Computers & Software Applications	COSC 101 Comp Science concepts and Practical Applications 3
*CPS 161 An Introduction to Programming with Java4	COSC 111 Introduction to Programming (3)+14
*CPS 261 Advanced Java Concepts	COSC 211 Programming Data Structures (3)+1
¹ MTH 191 Calculus I5	MATH 120 Calculus I
Earth Science Major/*Minor	
*GLG 114 Physical Geology4	ESSC 110 The Dynamic Earth System4
¹ BIO 103 General Biology II	BIO 110 Introductory Biology I4
¹CEM 111 General Chemistry I	CHEM 121/122 General Chemistry I & Lab4
PHY 111 General Physics I	PHY 221 Mechanics, Sound and Heat
¹ Choose one course from the following:4-5	One course: 4-5
MTH 160 Basic Statistics (4)	MATH 170 Elementary Statistics (3)
MTH 191 Calculus I (5)	MATH 120 Calculus I (4)
Economics Education *Minor only	WWW 120 Calculating (1)
*ECO 211 Principles of Economics I	ECON 201 Principles of Macroeconomics
*ECO 222 Principles of Economics II	ECON 201 Principles of Microeconomics
•	LOON ZOZ FIIIIGIPIES OF WING OCCUTIONICS
French Major/Minor	EDNILL 404 Denisories Franch
1 FRN 111 First Year French I	FRNH 121 Beginning French
1 FRN 122 First Year French II	FRNH 122 Beginning French
¹ FRN 213 Second Year French I	FRNH 233 Intermediate French Conv, Comp & Gramm
1 FRN 224 Second Year French II	FRNH 234 Intermediate French Conv, Comp & Gramm3
¹ required support course or prerequisite for the major	

EASTERN MICHIGAN UNIVERSITY ARTICULATION GUIDE

September 2011

WCC Courses That Transfer for Secondary Education Majors and Minors

Washtenaw Community College:		Eastern Michigan University:		
Geography Major/*Minor (minor only available with Social Studies or History major)				
*GEO 101 World Regional Geography	3	GEOG 110 World Regions	3	
*GEO 212 Geog of United States and Canada	3	GEOG 320 Geog of US and Canada	3	
*GLG 114 Physical Geology	.4	ESSC 110 The Dynamic Earth System	4	
ECO 211 Principles of Economics I	3	ECON 201 Principles of Macroeconomics	3	
HST 122 Western Civilization II	3	HIST 102 History Western Civil 1648-WWI	3	
HST 123 The Twentieth Century	3	HIST 103 20th Century Civilization	3	
German Major/Minor				
1 GRM 111 First Year German I	5	GERN 121 Beginning German	5	
¹ GRM 122 First Year German II	5	GERN 122 Beginning German	5	
History Major/*Minor				
GEO 101 World Regional Geography	3	GEOG 110 World Regions	3	
*HST 121 Western Civilization I	3	HIST 101 Western Civilization to 1648	3	
*HST 122 Western Civilization II	3	HIST 102 Western Civilization, 1648 to World War I	3	
* HST 123 The Twentieth Century	3	HIST 103 20th Century Civilization		
* HST 201 United States History to 1877	3	HIST 123 The United States to 1877		
*HST 202 United States History Since 1877	3	HIST 124 The United States, 1877 to Present	3	
Integrated Science Comprehensive Group Major [Leave at	least	7 credit hours (2 requirements) to complete at EMU]		
BIO 103 General Biology II		BIO 110 Introductory Biology I	4	
BIO 227 Animal Physiology & BIO 228 Plant Physiology	.8	BIO 120 Introductory Biology II (4)+4		
CEM 111 General Chemistry I		CHEM 121/122 General Chemistry I & Lab	4	
CEM 122 General Chemistry II	.4	CHEM 123/124 General Chemistry II & Lab	4	
GLG 114 Physical Geology	.4	ESSC 110 The Dynamic Earth System	4	
PHY 111 General Physics I	.4	PHY 221 Mechanics, Sound and Heat	4	
PHY 122 General Physics II	.4	PHY 222 Electricity and Light	4	
Complete one option from the following:5	5-7	One or two courses:	5-7	
MTH 182 Mathematical Anal II & MTH 178General Trig		MATH 119 Applied Calc & MATH 107 Plane Trig (5)+2		
MTH 191 Calculus I (5)		MATH 120 Calculus I (4)+1		
Language, Literature and Writing Major*/Minor				
* Complete one course from the following:	3	One course:	3	
ENG 209 Technical Writing III		ENGL 323 Writing in the Professional World		
JRN 216 News Writing and Reporting		JRNL 215 News Writing & Reporting		
ENG 218 Technical Writing IV		ENGL 324 Prin of Technical Communication		
ENG 271 Creative Writing II		CRTW 335 Imaginative Writing		
Mathematics Major/*Minor				
¹ CPS 161 An Introduction to Programming with Java	.4	COSC 111 Introduction to Programming (3)+1	4	
*MTH 191 Calculus I		MATH 120 Calculus I		
*MTH 192 Calculus II	.4	MATH 121 Calculus II	4	
*MTH 197 Linear Algebra	.4	MATH 122 Elementary Linear Algebra (3)+1		
MTH 293 Calculus III		MATH 223 Multivariable Calculus		
MTH 295 Differential Equations	4	MATH 325 Differential Equations	4	

^{*} may be completed for minor.

¹ required support course or prerequisite for the major

EASTERN MICHIGAN UNIVERSITY ARTICULATION GUIDE

September 2011

WCC Courses That Transfer for Secondary Education Majors and Minors

Washtenaw Community College:	Eastern Michigan University:
Physical Science Comprehensive Major (no minor required)	•
CEM 111 General Chemistry I4	CHEM 121/122 General Chemistry I & Lab4
CEM 122 General Chemistry II4	CHEM 123/124 General Chemistry II & Lab4
CEM 218 Analytic Chemistry4	CHEM 281 Quantitative Analysis
PHY 111 General Physics I4	PHY 221 Mechanics, Sound and Heat4
PHY 122 General Physics II4	PHY 222 Electricity and Light4
GLG 114 Physical Geology4	ESSC 110 The Dynamic Earth System4
¹ BIO 101 Concepts of Biology4	BIO 105 Introductory Biology for Non-Majors4
¹ Complete one option from the following:5-8	One or two courses:
MTH 182 Business Calculus & MTH 178 General Trig (8) MTH 191 Calculus I (5)	MATH 107 Plane Trig and MATH 119 Applied Calc & (5)+3 MATH 120 Calculus I (4)+1
Physics Major/*Minor	
¹ MTH 191 Calculus I5	MATH 120 Calculus I5
¹ MTH 192 Calculus II4	MATH 121 Calculus II4
¹ MTH 197 Linear Algebra4	MATH 122 Elementary Linear Algebra (3)+14
¹ Complete one:4	One course:
CEM 105 Fundamentals of Chemistry (4)	CHEM 117 & 118 Fundamentals of Chemistry
CEM 111 General Chemistry I (4)	CHEM 121/122 General Chemistry I & Lab (4)
CEM 140 Organic Biochemistry (4)	CHEM 120 Fundamentals of Organic Biochemistry (4)
¹ Complete one:4	One course:
BIO 101 Concepts of Biology (4)	BIO 105 Intro to Biology for non-majors (4)
BIO 227 Zoology (4)	BIO 140 Biology of Animals (4)
BIO 228 Botany (4)	BIO 130 Biology of Plants (4)
*PHY 211 Analytical Physics I5	PHY 223 Mechanics and Sound5
*PHY 222 Analytical Physics II5	PHY 224 Electricity and Light5
Political Science *Minor only (requires History or Social Studi	es major)
¹ PLS 112 Intro to American Govt3	PLSC 112 American Govt
*PLS 150 State and Local Government and Politics3	PLSC 202 State & Local Government
*PLS 211 Intro to Comparative Government3	PLSC 211 Intro to Comparative Government
*PLS 250 Campaigns and Elections	PLSC 357 Campaigns and Elections
Psychology Minor only	
*PSY 100 Intro to Psychology3	PSY 101 General Psychology3
Other courses should be selected in consultation with an advising	
Social Studies Group Major (requires history, economics, geo	•
ECO 211 Principles of Economics I	
ECO 222 Principles of Economics II	ECON 202 Principles of Microeconomics
GEO 101 World Regional Geography3	GEOG 110 World Regions
GEO 212 Geog of United States and Canada	GEOG 320 Geog of US and Canada
PLS 112 Intro to American Govt	PLSC 112 American Govt
HST 201 United States History to 1877	HIST 123 The United States to 1877
HST 202 United States History Since 1877	HIST 124 The United States, 1877 to Present
	The Tile office offices, for the Tresent
Spanish Major/*Minor	CDNH 121 Paginning Chanigh I
1 SPN 111 First Year Spanish I	SPNH 121 Beginning Spanish I
¹ SPN 122 First Year Spanish II	SPNH 122 Beginning Spanish II
	SPNH 221 Intermediate Spanish Reading
1 SPN 224 Second Year Spanish II	SPNH 222 Intermediate Spanish Reading
Other Approved Minors for Secondary Teacher Certificat Health, and Physical Education	пон

^{*} may be completed for minor.

¹ required support course or prerequisite for the major

EASTERN MICHIGAN UNIVERSITY ARTICULATION GUIDE

September 2011

Washtenaw Community College - Associate in Arts in Secondary Education Eastern Michigan University - Bachelor of Science in Secondary Education

Additional Information:

- 1. In completing the coordinated program of study for this articulation agreement, course substitutions should be made with the guidance of the advisers (indicated below) at both institutions to assure that all requirements are satisfied. Each institution will determine the satisfaction of their individual program and degree requirements. WCC courses indicated with an * are required for EMU's Bachelor of Business Administration Program.
- Students whose transcripts are endorsed as "MACRAO Satisfied" will only be required to meet EMU's three general education requirements, noted on the articulation guide and listed below. These requirements may be completed at the most appropriate time for the student, whether before or after enrollment at EMU:
 - a) An approved course in Quantitative Reasoning: [at WCC: MATH 125,160,176,180,181, 182,191] or [at EMU: MATH 110; or if intermediate algebra has been completed with a "C" or higher, MATH 105, 118, 120, 170. COSC 106, PHIL 181, PLSC 210, SOCL 250, or STS 224]
 - b) An approved course in Perspectives on a Diverse World: [at WCC: Humanities: ART 143, 150; COM 225; DAN 180; ENG 181, 213, 214, 224, 242, 281; HUM 145, 150, 175; Social Science: ANT 201; ECO 280; GEO 101; HST 123, 150, 230, 235, 240, 270; PLS 211; PSY 107; SOC 2051
 - c) One Learning Beyond the Classroom course or experience offered by EMU: [EDUC 492 at EMU] To use MACRAO, students must request that an official community college transcript, with the "MACRAO Satisfied" stamp, be sent to EMU's Admissions Office. Students, who do not have "MACRAO Satisfied" on their community college transcript, will be required to satisfy EMU's general education requirements as listed in the Undergraduate Catalog. The MACRAO stamp may be completed after admission to EMU, however, students should inform advisors at EMU that they intend to complete MACRAO, or they may be advised to complete additional courses for the general education program.
- 3. Only courses with a grade of "C" or better (2.0 on a 4.0 scale) will be accepted for transfer to EMU.
- 4. A minimum of 60 semester hours must be completed at the four-year college level, 30 hours of which must be completed at EMU, with at least 9 hours in the major and 6 hours in the minor at the 300- level or higher. Of the last 30 semester hours prior to graduation, at least 10 hours must be completed in courses offered by EMU. A minimum of 124 credit hours, completed in-residence or accepted in transfer, is required for graduation.
- Students with a community college grade point average (GPA) of 3.0 or higher, who have completed at least 56 transferable credits, and have passed the Professional Readiness Examination may apply directly to the Teacher Preparation Program. Students who do not meet these requirements must complete at least 12 credits at EMU to establish an EMU (GPA) of 2.5 and a GPA of 2.5 in the major. Other admission criteria include: satisfactory health status, satisfactory social and emotional adjustment, submission of an autobiography, and freedom from any kind of probation.
- Students are encouraged to attend an EMU Secondary Education group advising session before completing an admission application to EMU. To facilitate the evaluation of transcripts, students should include a copy of this articulation guide in their application for admission and bring a copy of the articulation guide to the group advising session and all individual advising sessions at EMU.

Effective Dates: September 1, 2011 until August 31, 2014.

This is a renewal of an agreement made in April 2003 and renewed in September 2007. Students who began this program prior to the new effective date are encouraged to change to this guide. If this agreement is not renewed at the end of the effective period, students who already started the program will be given three additional years to be admitted to EMU under the terms of this agreement.

Contacts:

Washtenaw Community College

Cassandra George Sturges, Faculty LA 330V, 734-677-5375 csturges@wccnet.edu Kimberly Groce, Division Counselor LA 300T, 734.973.3476 kgroce@wccnet.edu

Eastern Michigan University

Teacher Education Department 313 Porter Building, 734. 487.3260 Virginia Harder, vharder1@emich.edu Linda Lewis-White, linda.lewis-white@emich.edu For the group advising schedule: http://www.emich.edu/coe/oas/sessions.html