

EASTERN MICHIGAN UNIVERSITY ARTICULATION GUIDE

November 2006

**Henry Ford Community College – Associate in Arts in Pre-Secondary Education
Eastern Michigan University – Bachelor of Science in Secondary Education
(not intended for students in k-12 and Special Education programs)**

Purpose:

Bring a copy of this articulation agreement to all advising sessions.

This articulation agreement is designed to provide a smooth curriculum transition for students who earn an Associate in Arts in Pre-secondary Education from HFCC and transfer to EMU to earn a Bachelor of Science in Pre-Secondary Education. The agreement is designed to minimize loss of credits and duplication of coursework.

Requirements:

1. Complete the coordinated program of study for the Pre-Secondary Education program at HFCC and the Bachelor of Science in Secondary Education at EMU as indicated in this articulation guide. Any course substitutions should be made with the guidance of an advisor or counselor to assure that all requirements are met.
2. Students whose transcripts are endorsed as “MACRAO Satisfied” by the community college will only be required to meet EMU’s additional four general education requirements, indicated in the articulation guide with a “1” and listed below:
 - a) A course in advanced written composition, advanced speech, or a foreign language: [SPC 145, BBA 231, FRE/GER/SPN 131, 132, 231 or 232 at HFCC]
 - b) A course in mathematical reasoning: [MATH 150, 153, 180, 183 at HFCC]
 - c) A cross-cultural course: [ENG 243 or 248 at HFCC]
 - d) A course in computer literacy: [BCA 140, CIS 102, 223, or MFMT 103 at HFCC].

To use MACRAO, students should request a MACRAO evaluation of their transcript in the Community College Student Records or Registrar’s Office. Students who do not satisfy MACRAO will have to complete all of EMU’s general education requirements.

3. Only courses with a grade of 2.0 or better (on a 4.0 scale) will be accepted for transfer to EMU. A Course completed with a grade less than 2.0, which is counted toward graduation at the community college, may be used to satisfy MACRAO requirements. However, the course will not transfer and will have to be repeated if it is a requirement of the Secondary Education program at EMU.
4. A minimum of 60 semester hours must be completed at the four-year college/university level. At least 9 hours in the major and 6 hours in the minor at the 300- level or above must be completed at EMU. 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.
5. Students should apply for admission to the Teacher Education program during their first semester at EMU. Students must have completed at least 56 credits, with at least 12 credits at EMU with an overall EMU grade point average (GPA) of 2.5 and a GPA of 2.5 in the major. Other admission criteria include: successful completion of the state-mandated basic skills test, satisfactory health status, satisfactory social and emotional adjustment, submission of an autobiography, and freedom from any kind of probation.
6. Students interested in transferring to EMU should 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 Date: June 17, 2004. This agreement has been **extended until September 1, 2007**. HFCC students who began this program at the community college prior to fall semester 2007 will have three additional years, to be admitted to EMU under the terms of this agreement.

Contacts:

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For the group advising schedule:
www.emich.edu/coe/advising/elemgradv.htm

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Henry Ford Community College Courses:

Transfer to EMU as:

MACRAO Requirements (32-34 credits)	(32-34 credits)
1. English Writing Requirement (6 credits)	
ENG 131 Composition I.....3	ENGL 120 Elective Credit3
ENG 132 Composition II.....3	ENGL 121 Composition II: Res. Pub. Exp.3
2. Math/Science Requirement (8-10 credits)	
¹ Choose one course from the following:.....4-5	One course:4-5
MATH 150 Finite Mathematics (4)	MATH 118 Linear Models & Probability
MATH 153 Essentials of Calculus for Bus & Econ (5)	MATH 119 Applied Calculus
MATH 180 Calculus I (5)	MATH 120 Calculus I
MATH 183 Calculus II (5)	MATH 121 Calculus II
<i>(MATH 140 Intro to Statistics (3) may be used if a 5 credit science course is completed)</i>	
Choose one course from the following:.....4-5	One course:4-5
BIO 131, 141, 143, 150, 152; CHEM 131, 132, 141, GEOL 131; PHYS 131, 231	All courses transfer as equivalent courses
3. Social Science Requirement (9 credits)	
POLS 131 Intro to Amer. Government & political science 3	PLSC 112 American Government.....3
PSY 131 Introductory Psychology3	PSY 101 General Psychology3
Choose one course from the following:.....3	One course:3
HIST 111 Ancient world History (3)	HIST BAS Basic Studies Transfer Credit
HIST 112 Early Modern World history (3)	HIST BAS Basic Studies Transfer Credit
HIST 113 Modern World History (3)	HIST BAS Basic Studies Transfer Credit
HIST 152 American History I (3)	HIST 123 The US to 1877
HIST 152 American history II (3)	HIST 124 The US, 1877 to Present
4. Humanities Requirement (9 credits)	
SPC 131 Fundamentals of Speaking3	CTAS 121 Fundamentals of Speech (2) +13
¹ Choose one course from the following:.....3	One course:3
ENG 248 African American Literature	LITR 260 African American Literature
ENG 243 Women's Lives in Literature	LITR BASX General Education Transfer
Choose One course from the following:3	One course3
ART 121, 122, 135; ENG 231, 233, 235, 237, 239, 247; FRE, GER, SPN 131, 132, 231, 232; HUM 101; MUS 130; PHIL 131, 139; SPC 145; STH 131, 132; or WR 131	Courses will transfer as equivalent courses or general education credit or general transfer credit.
Additional Requirements (11-12 Credits)	(11-12 Credits)
PSY 256 Educational Psychology.....3	EDPS 322 Human Development and Learning (3) -13
PSY 294 Educational Psychology Practicum.....1	FETE 000 subs for FETE 201 Field Experience.....1
Choose one course from the following:.....2	One course2
HPE 140 Lifetime Wellness (2)	PEGN 210 Lifetime Health and Fitness (2)
HPE 156 Personal Training (2)	PEGN 210 Lifetime Health and Fitness (2)
¹ Choose one course from the following:.....2-3	One course3
BCA 140 Software Applications (3)	BEDU 201 Microcomp for Business Applications
CIS 102 Microcomputers & DOS (2)	COSC BAS Basic Studies Transfer Credit
CIS 223 Instructional Tech for Secondary Teachers (3)	COSC BAS Basic Studies Transfer Credit
MFMT 103 Industrial Computer exploration (2)	BEDU 201 Microcomp for Business Applications
¹ Choose one course from the following:.....3	One course3
SPC 145 Interpersonal Communication	CTAC 227 Interpersonal Communication
² SPN,/FRN/GRM 131 or 132	SPNH/FREN/GERN 121 or 122
Major/Minor Electives (16 Credits)	(16 Credits)
⁴ Major/Minor Courses16	Major/minor Group course16
<i>Choose courses from the HFCC "Courses that Apply to Secondary Education Majors and Minors" on pages 3-5.</i>	
Minimum Credits at HFCC..... 60-62	Credits that transfer to EMU.....60-62

¹ Meets one of EMU's four additional requirements for MACRAO. See article II, on page one for more information.

² If a foreign language or SPC 145 is completed to satisfy the humanities requirement, an additional elective course to satisfy the major or minor may be selected.

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Henry Ford Community College - Secondary Education

Completion of Secondary Education Program at EMU

First Semester at EMU (15 Credits)

SPGN 251	Education of Students with Exceptionalities.....	3
	Major/minor courses.....	12

Phases I & II Courses (18-20 Credits)

SOFD 328	Schools in Multicultural Society	3
CURR 305	Curriculum & Methods-Secondary	3
FETE 302	Field Experience II: Secondary	1
EDPS 340	Intro to Assessment & Evaluation	3
EDMT 330	Instructional Applic Media & Tech.....	2
FETE 402	Field Experience III, Secondary	1
RDNG 311	Teaching Reading in Secondary School.....	3
Specialized	Teaching Methods Course.....	2-4

Phase III Capstone Experience (12 Credits)

EDUC 492	Student Teaching.....	12
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¹Major/minor Requirements (24-47 Credits)

Major/minor courses.....	24-47
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¹ Credits at EMU: 70-95

¹ Approximate Credits to Graduate: 129-156

¹Total credits will vary depending on the major and minor chosen and whether courses are taken at HFCC or EMU.

HFCC Courses That Apply to Secondary Education Majors and Minors

These courses may be used to satisfy the major/minor electives in HFCC's 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 the major and 6 hours in the 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 the most recent information about secondary education major/minor requirements go to: www.emich.edu/academics/programs/a.htm.

Henry Ford Community College Courses: Transfer to EMU as:

Biology Major/Minor

*MATH 180	Calculus I.....	5	MATH 120	Calculus I (4)+1	5
*CHEM 141	Princ of General & Inorganic Chemistry I.....	5	CHEM 121/122	General Chemistry I & Lab (4)+1	5
*CHEM 142	Princ Gen/Inorganic Chem-cnt.....	5	CHEM 123/124	General Chemistry II & Lab (4)+1	5
BIO 152	Biology and molecular Biology.....	4	BIOL 110	Introductory Biology I.....	4
BIO 150	Biology: Organisms-Genes-Ecol.....	4	BIOL 120	Introductory Biology II	4
*PHYS 131	Liberal Arts Physics	4	PHY 221	Mechanics, Sound and Heat.....	4
*PHYS 132	Liberal Arts Physics, Cont.....	4	PHY 222	Electricity and Light	4
*CHEM 241	Organic Chemistry	4	CHEM 371	Organic Chemistry I (3)+1	4
*CHEM 242/243	Organic Chemistry II & Orag Chem Lab I 6		CHEM 372/373	Organic Chemistry II (5)+1	6

Chemistry Major/Minor

*BIO 152	Biology: Cells and molecular Biology.....	4	BIOL 110	Introductory Biology I.....	4
*MATH 180	Calculus I.....	5	MATH 120	Calculus I (4)+1	5
CHEM 141	Principles of General & Inorganic Chemistry I5		CHEM 121/122	General Chemistry I & Lab (4)+1	5
CHEM 142	Princ Gen/Inorganic Chem-cnt	5	CHEM 123/124	General Chemistry II & Lab (4)+1	5
CHEM 241	Organic Chemistry.....	4	CHEM 371	Organic Chemistry I (3)+1	4
CHEM 242/243	Organic Chemistry II & Organic Chem Lab I	6	CHEM 372/373	Organic Chemistry II & Lab (5)+1 6	
*Choose one course from the following:	4-5		One course 4-5		
PHYS 131	Liberal Arts Physics (4)		PHY 221	Mechanics, Sound and Heat (4)	
PHYS 231	Engineering Physics (5)		PHY 223	Mechanics, Sound and Heat (5)	
*Choose one course from the following:	4-5		One course 4-5		
PHYS 132	Liberal Arts Physics, Cont (4)		PHY 222	Electricity and Light (4)	
PHYS 232	Engineering Physics, Cont (5)		PHY 224	Electricity and Light (5)	

* Doesn't count toward the major/minor credits but is a required support course for this major.

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Henry Ford Community College Courses: Transfer to EMU as:

Comprehensive Communication & Theatre Arts Major/Minor

SPC 145 Interpersonal Communication.....3	CTAC 227 Interpersonal Communication.....3
STH 132 Acting I3	CTAR 158 Fundamentals of Acting.....3
STH 133 Technical Theatre.....3	CTAR 152 Technical Theatre: Scenery & Lighting.....3
STH 142 Theatrical Production3	CTAR 155 Producing Theatre.....3

Computer Science Education Major/Minor

* MATH 283 Linear Algebra3	MATH 122 Elementary Linear Algebra3
CIS 171 Java Programming3	COSC 138 Computer Science I3

* Doesn't count toward the major/minor credits but is a required support course for the major.

Earth Science Major/Minor

* BIO 152 Biology: Cells and molecular Biology.....4	BIOL 110 Introductory Biology I.....4
* CHEM 141 Princ. of General & Inorg. Chemistry I4	CHEM 121 & 122 General Chemistry I and Lab4
* PHYS 131 Liberal Arts Physics4	PHY 221 Mechanics, Sound & Heat4
GEOL 131 Physical Geology.....4	ESSC 110 The Dynamic Earth System4
GEOL 132 Historical Geology4	ESSC 111 The Earth Systems Through Time.....4

* Doesn't count toward the major/minor credits but is a required support course for the major.

Economics Education Major/Minor

BEC 151 Princ. of Macro Economics.....3	ECON 201 Principles of Macroeconomics3
BEC 152 Princ. of Micro-Economics.....3	ECON 202 Principles of Microeconomics3
* GEOG 132 World Regional Geography3	GEOG 110 World Regions3
* Choose one course from the following:5	One course5
MATH 153 Essentials of Calculus for Bus & Econ (5)	MATH 119 Applied Calculus (3) +2
MATH 180 Calculus I (5)	MATH 120 Calculus I (4) +1

* Doesn't count toward the major/minor credits but is a required support course for the major.

English Language, Literature and Writing Major

Choose one course from the following:3	One course3
ENG 139 Creative Writing (3)	ENGL 335 Imaginative Writing
ENG 241 Shakespeare (3)	LITR 210 Intro to Shakespeare
ENG 245 The Bible as Literature (3)	LITR 251 The Bible as Literature

French Major

* FRE 131 Elementary French4	FRNH 121 Beginning French I (5) -14
* FRE 132 Elementary French, cont.4	FRNH 122 Beginning French II (5) -14

* Doesn't count toward the minor but is a pre-requisite.

Integrated Science Major/Minor-new

(requirements not available at this time)

Geography Major/Minor

GEOL 131 Physical Geology.....4	ESSC 110 The Dynamic Earth System4
GEOG 132 World Regional Geography3	GEOG 110 World Regions3
GEOG 133 Geography of Michigan.....3	GEOG 313 Geography of Michigan.....3
* Choose one:3	One course:.....3
BEC 151 Princ. of Macro Economics (3)	ECON 201 Principles of Macroeconomics (3)
BEC 152 Princ. of Micro-Economics (3)	ECON 202 Principles of Microeconomics (3)

* Doesn't count toward the major/minor credits but is a required support course for the major.

German Major

* GER 131 Elementary German4	GERN 121 Beginning German I (5) -14
* GER 132 Elementary German, cont.....4	GERN 122 Beginning German II (5) -14

* Doesn't count toward the minor but is a pre-requisite.

History Major/Minor

* GEOG 132 World Regional Geography3	GEOG 110 World Regions3
Choose one course from the following:3	One course3
HIST 151 History of the US to 1865 (3)	HIST 123 The US to 1877 (3)
HIST 152 History of the US from 1865 (3)	HIST 124 The US, 1877 to the Present (3)

* Doesn't count toward the major/minor credits but is a required support course for the major.

Mathematics Major/Minor

MATH 180 Calculus I.....5	MATH 120 Calculus I (4)+15
MATH 183 Calculus II.....5	MATH 121 Calculus II (4)+15
MATH 283 Linear Algebra3	MATH 122 Elementary Linear Algebra3
MATH 280 Calculus III.....5	MATH 223 Multivariable Calculus (4)+15
MTH 289 Differential Equations4	MATH 325 Differential Equations (3)+14

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HFCC Courses That Apply to Secondary Education Majors and Minors

Henry Ford Community College Courses:	Transfer to EMU as:
Physics Major/Minor	
*MATH 180 Calculus I.....5	MATH 120 Calculus I (4)+15
*MATH 183 Calculus II.....5	MATH 121 Calculus II (4)+15
*MATH 283 Linear Algebra3	MATH 122 Elementary Linear Algebra3
*MATH 280 Calculus III.....5	MATH 223 Multivariable Calculus (4)+15
PHYS 231 Engineering Physics5	PHY 223 Mechanics, Sound and Heat.....5
PHYS 232 Engineering Physics, Cont.....5	PHY 224 Electricity and Light5
*Choose one course from the following:4	One course4
CHEM 131 Principles of Chemistry	CHEM 117 & 118 Fundamentals of Chemistry & Lab
CHEM 141 Principles of General & Inorganic Chemistry	CHEM 121/122 General Chemistry I & Lab
CHEM 132 Principles of General & Inorganic Chemistry I	CHEM 120 Fundamentals of Organic Biochemistry
*Choose one course from the following:4	One course4
BIO 131 Introductory Biology	BIOL 105 Intro to Biology for non-majors
BIO 143 Zoology	ZOO 140 Biology of Animals
BIO 141 Botany	BOTN 130 Biology of Plants
<i>*Doesn't count toward the major/minor credits but is a required support course for the major.</i>	
Political Science Major/Minor	
*GEOG 132 World Regional Geography3	GEOG 110 World Regions.....3
POLS 152 International Relations.....3	PLSC 212 Introduction to International Politics.....3
POLS 153 Comparative Government3	PLSC 211 Intro to Comparative Government3
POLS 155 State and Local Government.....3	PLSC 202 State and Local Government.....3
<i>*Doesn't count toward the major/minor credits but is a required support course for the major.</i>	
Psychology Major/Minor	
*GEOG 132 World Regional Geography3	GEOG 110 World Regions.....3
PSY 152 Child Psychology.....3	PSY 321 Child Psychology.....3
PSY 251 Abnormal Psychology.....3	PSY 360 Abnormal Psychology.....3
<i>*Doesn't count toward the major/minor credits but is a required support course for the major.</i>	
Social Studies Group Major (must have history, economics, geography, or political science as a minor)	
BEC 151 Princ. of Macro Economics.....3	ECON 201 Principles of Macroeconomics.....3
BEC 152 Princ. of Micro-Economics.....3	ECON 202 Principles of Microeconomics3
GEOG 132 World Regional Geography3	GEOG 110 World Regions.....3
HIST 151 History of the US to 18653	HIST 123 The US to 18773
HIST 152 History of the US from 18653	HIST 124 The US, 1877 to the Present.....3
*MATH 140 Intro to Statistics.....3	SOCL 250 Social Statistics I3
<i>*Doesn't count toward the major/minor credits but is a required support course for the major.</i>	
Sociology Major/Minor	
*MATH 140 Intro to Statistics.....3	SOCL 250 Social Statistics I3
SOC 131 Intro to Sociology.....3	SOCL 105 Introductory Sociology.....3
SOC 151 Contemporary Social Problems.....3	SOCL 202 Social Problems3
SOC 254 Social Psychology3	SOCL 308 Social Psychology3
<i>*Doesn't count toward the major/minor credits but is a required support course for the major.</i>	
Spanish Major/Minor	
*SPN 131 Elementary Spanish4	SPNH 121 Beginning Spanish I (5) -14
*SPN 132 Elementary Spanish, cont.....4	SPNH 122 Beginning Spanish II (5) -14
<i>*Doesn't count toward the minor but is a pre-requisite.</i>	

Other Approved Minors for Secondary Teacher Certification

Health
Physical Education

This articulation agreement is not intended for students in k-12, Special Education, Business Education, Marketing Education or Vocational Education programs. For more information on majors and minors, see the EMU Undergraduate Catalog or go to our website at www.emich.edu/academics/programs/a.htm.