

**ARCHIVED SECONDARY EDUCATION ARTICULATION AGREEMENT GUIDE**

Henry Ford College – Associate in Arts in Pre-Secondary Education

Eastern Michigan University – BA or BS in Secondary Education

*This guide is not intended for students in K-12 or Special Education programs.*

The State of Michigan Teacher Preparation Standards are changing. Students interested in transferring to EMU for Secondary Education should contact EMU's College of Education Advising Office to discuss their options. [coeadvising@emich.edu](mailto:coeadvising@emich.edu) or 734.487.1416

<b>Henry Ford College Courses:</b>	<b>Transfer to Eastern Michigan University as:</b>
<b>Michigan Transfer Agreement Requirements (30 credits)</b>	
Students with an MTA endorsement on their community college transcript have satisfied EMU's General Education Core Requirements and will be required to complete only the General Education Application Requirements of one Perspectives on a Diverse World course, one Learning Beyond the Classroom experience, and a writing intensive course in the major. Specific courses listed below for the MTA satisfy program requirements at the community college and/or university. Students who started before Fall 2014 may continue to follow the MACRAO Agreement until the end of summer 2019. MACRAO versions of articulation guides are at this link <a href="http://www.emich.edu/ccr/archartguide_macrao.php">http://www.emich.edu/ccr/archartguide_macrao.php</a> . For courses that are approved to satisfy the MTA go to <a href="https://catalog.hfcc.edu/degrees/gen-ed">https://catalog.hfcc.edu/degrees/gen-ed</a>	
<b>1. A Course in English Composition</b>	
ENG 131 Introduction to College Writing .....3	University Elective ..... 3
<b>2. A Second Course in English Composition or Communication</b>	
<sup>1</sup> ENG 132 College Writing & Research .....3	WRTG 121 Composition II ..... 3
<b>3. A Course in Mathematics</b>	
Choose from the approved MTA list .....4-5	University Elective ..... 4-5
<b>4. Two Courses in Natural Sciences from Different Disciplines (one lab required)</b>	
Choose from the approved MTA list .....7-8	University Electives ..... 7-8
<b>5. Two Courses in Humanities from Different Disciplines</b>	
Choose from the approved MTA list .....6	University Electives ..... 6
<b>6. Two Courses in Social Sciences from Different Disciplines</b>	
POLS 131 Intro to American Govt & Pol Science ..... 3	University Elective ..... 3
PSY 131 Introductory Psychology .....3	PSY 101 General Psychology (Special Ed reqmt)..... 3
<b>7. If needed, complete additional courses in any of the above categories to satisfy the 30 credit minimum for the MTA.</b>	
<b>HFC Pre-Secondary Education Program Requirements (30 credits)</b>	
* CIS 221 or CIS 223 Instructional Technology for Teachers .....3	LTEC 330 Instructional Applications of Media & Technology .. 3
EDU 201 Introduction to Education .....3	University Elective ..... 3
<sup>2</sup> EDU 202 Introduction to Education Practicum.....1	University Elective ..... 1
* EDU 256 Educational Psychology (was PSY 256) .....3	EDPS 322 Human Development and Learning (4) -1 ..... 3
<sup>3</sup> EDU 296 The Exceptional Child (was PSY 296) .....3	SPGN 251 Intro to Inclusion & Disabilities in a Diverse Soc.... 3
Wellness Requirement.....2	University Elective ..... 2
<sup>1</sup> SPC 131 Fundamentals of Speaking (Elective).....3	CTAC 124 Foundations of Speech Communication..... 3
Elective Courses .....12	Major/minor Group course..... 12
<b>A minimum of 60 credits are required at HFC for an Associate in Arts Degree.</b>	
<b>EMU Secondary Education Requirements that may be taken at HFC or EMU (0-17 credits)</b>	
Elective Courses .....0-17	Major/minor Group course..... 0-17
<i>Choose additional courses from the lists of "Courses that Apply to Secondary Education Majors and Minors" on pages 2-5.</i>	
<b>Credits at HFC.....60-77</b>	<b>Credits that transfer to EMU..... 60-77</b>

\* Required for EMU's Secondary Education program.

<sup>1</sup> Admission requirement, a grade of "C" or higher is required.<sup>2</sup> Practicum hours may be used toward 40 hours of the required 100 hours of pre-student teaching field experiences.<sup>3</sup>Satisfies EMU's Perspectives on a Diverse World requirement.

**Sign up with us:** if you let us know you are using this articulation agreement we can stay in touch with you and provide information and advising to you while you are still at your community college.

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Students with a community college GPA of 3.0 or higher, who have completed at least 56 transferable credits and show competency in one area (mathematics, reading, writing) based on scores from the state required basic skills test, may apply for admission to the Initial 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 (30-39 credits)**

Students must complete an approved major and (certain teaching fields excepted) minor. Credit hours are approximate and will vary depending on the major and minor chosen and the number of major and minor courses completed at the community college. The Business, Management, Marketing and Technology major has different requirements for Phase I and Phase II. Consult the catalog for requirements.

Major/minor courses and electives ..... 30-36

**Professional Studies (30 credits)****Phase I Courses (12 credits)**

CURR 305 Curriculum &amp; Methods-Secondary ..... 3

EDPS 340 Introduction to Assessment &amp; Evaluation..... 3

PRCT 305L4 Practicum I: Secondary..... 3

SOFD 328W Schools for a Diverse and Democratic Society ..... 3

**Phase II Courses (9 credits)**

PRCT 311L4 Practicum II: Secondary..... 3

RDNG 311 Teaching Reading in Secondary School..... 3

Methods for teaching course in subject area ..... 3

**Phase III Capstone Experience (9 credits)**<sup>1</sup> EDUC 492L4 Student Teaching ..... 9**Credits at EMU: ..... 60-69***NOTE: Credits are approximate. Credits at EMU and total credits will vary depending on major and minor as well as specific courses selected.***Approximate Credits to Graduate:..... 124-141**<sup>1</sup> Meets EMU's Learning Beyond the Classroom requirement.**HFC Courses That Transfer for Secondary Education Majors and Minors**

These courses may be used to satisfy electives in HFC's Pre-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/programs/index.php>

**Henry Ford College Courses:****Transfer to EMU as:****Biology Major/Minor (40-41 credits)**

\* BIO 152 Biology and Molecular Biology ..... 4

\* BIO 150 Biology: Organisms-Genes-Ecol ..... 4

CHEM 141 Princ of General &amp; Inorganic Chemistry I..... 5

CHEM 142 Princ of General &amp; Inorganic Chemistry II..... 5

CHEM 241 Organic Chem I (to fulfill EMU Chem option I)..... 4

CHEM 242 Organic Chem II (to fulfill EMU Chem option I)..... 4

CHEM 243 Mic Org Chem Lab I (to fulfill EMU Chem option I)..... 2

PHYS 131 General Physics I ..... 4

PHYS 132 General Physics II ..... 4

Complete one course from the following: ..... 4-5

MATH 141 Intro to Statistics (4)

MATH 180 Calculus I (5)

BIO 110/111 Introductory Biology I &amp; Lab (5)-1 ..... 4

BIO 120/121 Introductory Biology II &amp; Lab (5)-1 ..... 4

CHEM 121/122 General Chemistry I &amp; Lab (4)+1 ..... 5

CHEM 123/124 General Chemistry II &amp; Lab (4)+1 ..... 5

CHEM 371 Organic Chemistry I (3) +1 ..... 4

CHEM 372 Organic Chemistry II (3) + 1 ..... 4

CHEM 373 Organic Chemistry Laboratory..... 2

PHY 221 Mechanics, Sound and Heat ..... 4

PHY 222 Electricity and Light ..... 4

One course:..... 4-5

STAT 170 Elementary Statistics (3)+1

MATH 120 Calculus I (4)+1

\* may be completed for minor

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*This guide is not intended for students in K-12 or Special Education programs.***Henry Ford College Courses:****Transfer to EMU as:****Chemistry Major/Minor (33-35 credits)**

* CHEM 141 Principles of General & Inorganic Chemistry I ..... 5	CHEM 121/122 General Chemistry I & Lab (4)+1 ..... 5
* CHEM 142 Princ Gen/Inorganic Chemistry II ..... 5	CHEM 123/124 General Chemistry II & Lab (4)+1 ..... 5
CHEM 241 Organic Chemistry I ..... 4	CHEM 371 Organic Chemistry I (3)+1 ..... 4
CHEM 242 Organic Chemistry II ..... 4	CHEM 372 Organic Chemistry II (3)+1 ..... 4
CHEM 243 Mic Org Chem Lab I ..... 2	CHEM 373 Organic Chemistry Laboratory ..... 2
MATH 180 Calculus I ..... 5	MATH 120 Calculus I (4)+1 ..... 5
Complete one course from the following: ..... 4-5	One course from: ..... 4-5
PHYS 131 General Physics I (4)	PHY 221 Mechanics, Sound and Heat (4)
PHYS 231 Engineering Physics I (5)	PHY 223 Mechanics and Sound (5)
Complete one course from the following: ..... 4-5	One course from: ..... 4-5
PHYS 132 General Physics II	PHY 222 Electricity and Light (4)
PHYS 232 Engineering Physics II (5)	PHY 224 Electricity and Light (5)

**Communication & Theatre Arts Teaching Major/Minor (15 credits)**

* SPC 145 Interpersonal Communication ..... 3	CTAC 227 Interpersonal Communication ..... 3
* THEA 131 Theatre Appreciation ..... 3	CTAR 150 Introduction to Theatre ..... 3
THEA 132 Acting I ..... 3	CTAR 158 Fundamentals of Acting ..... 3
THEA 142 Theatrical Production ..... 3	CTAR 155 Producing Theatre ..... 3
TCM 131 Intro to Telecommunication ..... 3	CTAT 130 Introduction to Electronic Media ..... 3

**Earth Science Major/Minor (25-26 credits)**

* ASTR 231 General Astronomy ..... 4	ASTR 205 Principles of Astronomy ..... 4
* GEOL 131 Physical Geology ..... 4	ESSC 110 The Dynamic Earth System ..... 4
BIO 152 Cells and Molecular Biology ..... 4	BIO 110/111 Introductory Biology I & Lab ..... 4
CHEM 141 Princ of General & Inorganic Chemistry I ..... 5	CHEM 121/122 General Chemistry I & Lab (4)+1 ..... 5
PHYS 131 General Physics I ..... 4	PHY 221 Mechanics, Sound and Heat ..... 4
Complete one course from the following: ..... 4-5	One course from: ..... 4-5
MATH 141 Intro to Statistics (4)	STAT 170 Elementary Statistics (3)+1
MATH 180 Calculus I (5)	MATH 120 Calculus I (4)+1

**French Language Major/Minor (Courses below are prerequisites to courses in the major) (16 credits)**

FRE 131 Elementary French I ..... 4	FRNH 121 Beginning French (5) -1 ..... 4
FRE 132 Elementary French II ..... 4	FRNH 122 Beginning French (5) -1 ..... 4
FRE 231 Second Year French III ..... 4	FRNH 221 Intermediate French Reading (3)+1 ..... 4
FRE 232 Second Year French IV ..... 4	FRNH 222 Intermediate French Reading (3)+1 ..... 4

**Geography/History Comprehensive Major (no minor required) (28 credits)**

GEOL 131 Physical Geology ..... 4	ESSC 110 The Dynamic Earth System ..... 4
GEOG 132 World Regional Geography ..... 3	GEOG 110 World Regions ..... 3
GEOG 138 Geography of Michigan ..... 3	GEOG 313 Geography of Michigan ..... 3
GEOG 231 Intro Geographic Information Systems ..... 3	GEOG 276 Principles of Geographic Information Systems ..... 3
HIST 111 Ancient World History ..... 3	HIST 109 World History to 1500 ..... 3
HIST 113 Modern World History ..... 3	HIST 110 World History Since 1500 ..... 3
HIST 151 American History I ..... 3	HIST 123 The US to 1877 ..... 3
HIST 152 American History II ..... 3	HIST 124 The US, 1877 to the Present ..... 3
POLS 131 Intro to American Govt & Political Science ..... 3	PLSC 112 American Government ..... 3

**German Language Major/Minor (Courses below are prerequisites to courses in the major) (16 credits)**

GER 131 Elementary German I ..... 4	GERN 121 Beginning German (5) -1 ..... 4
GER 132 Elementary German II ..... 4	GERN 122 Beginning German (5) -1 ..... 4
GER 231 Second Year German III ..... 4	GERN 221 Intermediate German Reading (3)+1 ..... 4
GER 232 Second Year German IV ..... 4	GERN 222 Intermediate German Reading (3)+1 ..... 4

**History/Geography Comprehensive Major (See Geography/History Comprehensive Major)**

\* may be completed for minor

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BIO 152 Cells and Molecular Biology.....4

BIO 150 Biology: Organisms, Genes, Ecology .....4

Physical Sciences:

CHEM 141 Princ of General &amp; Inorganic Chemistry I.....5

CHEM 142 Princ of General &amp; Inorganic Chemistry II.....5

PHYS 231 Engineering Physics I.....5

Complete one course from the following: .....4-5

PHYS 132 General Physics II

PHYS 232 Engineering Physics II (5)

Earth/Space Sciences:

ASTR 231 General Astronomy .....4

GEOL 131 Physical Geology .....4

Additional Requirements:

MATH 180 Calculus I .....5

MATH 183 Calculus II .....5

**Language, Literature and Writing Major (3 credits) No courses transfer for the minor**

JOUR 131 Newswriting.....3

**Mathematics Major/Minor (17 credits)**

\* MATH 180 Calculus I .....5

\* MATH 183 Calculus II .....5

\* MATH 283 Linear Algebra.....3

\* MATH 289 Differential Equations.....4

**Physics Major/Minor (37 credits)**

ASTR 133 Intro Astronomy Lab.....1

ASTR 231 General Astronomy .....4

\* PHYS 231 Engineering Physics I.....5

\* PHYS 232 Engineering Physics II.....5

BIO 152 Cells and Molecular Biology.....4

\* MATH 180 Calculus I .....5

\* MATH 183 Calculus II .....5

\* MATH 283 Linear Algebra.....3

CHEM 141 Principles of General &amp; Inorganic Chem I.....5

**Social Studies Comprehensive Majors in Economics, Geography, History, or Political Science (30 credits)**

BEC 151 Princ. of Macroeconomics.....3

BEC 152 Princ. of Microeconomics .....3

GEOG 132 World Regional Geography.....3

HIST 111 Ancient World History .....3

HIST 113 Modern World History .....3

HIST 151 American History I.....3

HIST 152 American History II.....3

POLS 131 Intro to American Govt &amp; Political Science .....3

POLS 155 State and Local Government .....3

POLS 152 International Relations .....3

**Spanish Language Major/Minor (Courses below are prerequisites to courses in the major) (8 credits)**<sup>1</sup> SPN 131 Elementary Spanish I.....4<sup>1</sup> SPN 132 Elementary Spanish II.....4*\* may be completed for minor***Other Approved Minors for Secondary Teacher Certification**

Computer Science Education, Physical Education, Psychology, Social Science, Teaching English to Speakers of Other Languages, Vocational Technical Endorsement

BIO 110/111 Introductory Biology I &amp; Lab .....4

BIO 120/121 Introductory Biology II &amp; Lab .....4

CHEM 121/122 General Chemistry I &amp; Lab (4)+1 .....5

CHEM 123/124 General Chemistry II &amp; Lab (4)+1 .....5

PHY 223 Mechanics and Sound .....5

One course:.....4-5

PHY 222 Electricity and Light (4)

PHY 224 Electricity and Light (5)

ASTR 205 Principles of Astronomy.....4

ESSC 110 The Dynamic Earth System.....4

MATH 120 Calculus I (4)+1 .....5

MATH 121 Calculus II (4)+1 .....5

JRNL 215 News Writing &amp; Reporting .....3

MATH 120 Calculus I (4)+1 .....5

MATH 121 Calculus II (4)+1 .....5

MATH 122 Elementary Linear Algebra .....3

MATH 325 Differential Equations (3)+1 (Restricted Elective).....4

ASTR 204 Astronomical Investigations.....1

ASTR 205 Principles of Astronomy.....4

PHY 223 Mechanics and Sound .....5

PHY 224 Electricity and Light .....5

BIO 110/111 Introductory Biology/Laboratory .....4

MATH 120 Calculus I (4)+1 .....5

MATH 121 Calculus II (4)+1 .....5

MATH 122 Elementary Linear Algebra .....3

CHEM 121/122 General Chemistry I &amp; Lab (4)+1 .....5

ECON 201 Principles of Macroeconomics.....3

ECON 202 Principles of Microeconomics .....3

GEOG 110 World Regions (Global Awareness Reqmt).....3

HIST 109 World History to 1500 .....3

HIST 110 World History Since 1500.....3

HIST 123 The US to 1877 .....3

HIST 124 The US, 1877 to the Present.....3

PLSC 112 American Government.....3

PLSC 202 State and Local Government.....3

PLSC 212 Introduction to International Politics.....3

SPNH 121 Beginning Spanish I (5) -1 .....4

SPNH 122 Beginning Spanish II (5) -1 .....4

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1. Each institution will determine the satisfaction of their individual program and degree requirements. Both institutions agree to accept transferable courses from each other and from other regionally accredited institutions. HFC courses indicated with an \* are required for EMU's Secondary Education Program. Substitutions for these courses must be approved by the EMU program coordinator.
2. Students with the MTA endorsement on their community college transcript have satisfied EMU's General Education Core Requirements and will only be required to complete only the General Education Application requirements of one "Perspectives on a Diverse World" course, one "Learning Beyond the Classroom" (LBC) area, and a writing intensive course in the major. The Perspectives on a Diverse World course may be transferred to EMU.

*To use the Michigan Transfer Agreement (MTA), students must have an official community college transcript, with the "MTA Satisfied" endorsement sent to EMU's Admissions Office. Students who do not have "MTA Satisfied" on their community college transcript, will be required to satisfy EMU's general education requirements as applied to transfer students. The MTA may be completed after admission to EMU, however, students should inform their advisors or they may be advised to complete additional courses for the general education program. Students who enrolled in college prior to fall semester 2014 will have until the end of summer semester 2019 to complete the MACRAO agreement. If already on the transcript, the MACRAO designation will be accepted at EMU after August 2019.*

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, of which 30 hours must be completed at EMU, with at least 9 hours in the major and 6 hours in the minor at the 300- level or above. Of the last 30 semester hours prior to graduation, at least 10 hours must be completed in courses offered by EMU. A minimum of 120 credit hours, completed in-residence or accepted in transfer, is required for graduation.
5. Criteria for admission to the program:
  - Completion of 56 credits, with a cumulative grade point average (GPA) or 3.0 or higher from all previous institutions, or an EMU (GPA) of 2.5, based on at least 12 EMU credits, and a GPA of 2.5 in the major.
  - A grade of "C" or higher in the following EMU or equivalent courses: WRTG 121, CTAC 124, a QR course, one lab science, and all of the professional education courses. (PSY 101 required for Special Education).
  - Official test scores showing competency in at least one of the following areas on the state required test for basic skills: mathematics, writing, reading.
  - ICHAT criminal background check and Statement of Civil/Criminal Convictions.
  - Attendance at a Group Advising Session.
6. 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 indicate they are following this articulation agreement on their application to EMU and bring a copy of the guide to all advising sessions.

**Effective Date: September 1, 2017 until August 31, 2020.**

This is a renewal of an agreement made in June 2004, renewed in September 2007 and January 2014. Students who began this program prior to the new effective date have the option of changing to this guide or may follow the guide they started under for up to seven years. If this agreement is not renewed at the end of the effective period, students who already began the program at HFC will have an additional three years to be admitted to EMU under the terms of the agreement.

**Contacts:****Henry Ford College**

Dr. Carolyn Casale

Pre-Education Program Director

G133-A

313.317.6580

[ccasale@hfcc.edu](mailto:ccasale@hfcc.edu)**Eastern Michigan University**

Education Advising Center

206 Porter Building; Phone: 734.487.1416

Schedule a group or individual advising session at the link below:

<http://www.emich.edu/coe/students/undergraduates/advising.php>