

## EDUCATION

The Early Childhood Education Program at Mount Wachusett Community College provides students with the opportunity to earn an Associate of Science Degree in Early Childhood Education -- Career or Associate of Science Degree in Early Childhood Education -- Transfer. There is an option to complete a track in Early Education and Care for Exceptional Children (EEC) within the Career Degree. The Elementary Education Track provides students with the opportunity to earn an Associate of Arts Degree in Liberal Arts and Sciences. Upon completion of a program, students are prepared for positions in early child care and educational settings. During the course of study, students will develop skills and competencies in early childhood philosophy and theory. Students will gain knowledge in the growth and development of young children, curriculum and program development, culturally responsive and diverse teaching, and environmental planning.

### Credit for CDA (Child Development Associate)

A student who holds a valid, current CDA credential may receive up to ten (10) credits that apply to the Early Childhood Education degree or certificate. Students who believe they may be eligible should contact the department chair to begin the process. The CDA certificate must be presented. Credits are applied as transfer credits to the student's degree program, and there is no charge.

### EARLY CHILDHOOD EDUCATION--CAREER DEGREE (ECC)

In addition to attending to children's basic needs, early childhood education professionals organize activities that stimulate children's physical, emotional, intellectual, and social growth. They help children explore interests, develop independence, foster creativity, build self-esteem, and learn how to behave with others. MWCC's program will prepare students to begin a career working with children ages 0-5. Benefits of MWCC's program include a great job placement rate (90 percent of students find jobs), the option of both day and evening classes, day classes scheduled conveniently for parents of school-age children, opportunities to gain real world experience, and many excellent, local practicum sites.

#### Year 1

Fall		Credits
ECE 101	Introduction to Early Childhood Education: Advancing Equity	3
ENG 101	College Writing I	3
PSY 105	Introduction To Psychology	3
BIO 103	Human Health And Disease	3
ECE 103	Families, School, And Community	3
Spring		
ENG 102	College Writing II	3
PSY 108	Child Development <sup>1</sup>	3
SPC 113	Speech (formerly THE113)	3
MAT 140	Elements Of Mathematics I	3
ECE 134	Promoting Positive Behavior in Early Childhood Elementary Education	3
Year 2		
Fall		
ECE 114	Early Childhood Education Practicum I <sup>1</sup>	4
PSY 244	Children With Special Needs	3
ECE 102	Early Childhood Curriculum And Program Planning <sup>1</sup>	3
ECE 135	Health, Safety Nutrition in Early Childhood Settings	3
ECE 104	Infant And Toddler Development And Curriculum	3
Spring		
ECE 124	Early Childhood Education Practicum II <sup>1</sup>	4
ECE 250	Observation and Assessment in Early Childhood	3
ENG 235 or THE 112	Children's Literature(or Children's Theater)	3
SOC 206 or ECE 107	Marriage And The Family (or Building Resilience in Children, Youth and Families)	3
ECE 105	Child Care Administration	3
<b>Total Credits:</b>		<b>62</b>

<sup>1</sup> Students enrolled in ECC or ECT must earn a grade of C or better.

See Education program student learning outcomes and technical standards

**State Certification**

After completing the degree, students can apply for Department of Early Education and Care (EEC) Lead Teacher certification. Lead Teachers must be age 21 or over (those under 21 can receive Teacher certification). EEC certification indicates that students are qualified to work in childcare facilities.

**Student Success Tips**

To meet Department of Early Education and Care (EEC) requirements, students should attain First Aid certification. Childcare facilities are required to have one CPR-certified professional always present; therefore, students who attain certification will be even more marketable.

**Transfer Options**

For transfer options, please click here (<http://catalog.mwcc.edu/academicresources/#transferinformationtext>). It is recommended that you also consult with your academic advisor.

**Special Requirements**

Technical standards must be met with or without accommodations.

**Career Options/Earning Potential**

For career options, please click here. (<https://mwcc.lightcastcc.com/programs/early-childhood-education-associate-degree/166957/?region=North%20Central%20MA/Southwest%20NH&radius=>)

## EARLY CHILDHOOD EDUCATION—TRANSFER DEGREE (ECT)

This program satisfies the requirements of the Massachusetts Department of Higher Education Early Childhood Education Transfer Compact for transfer to a state college or university bachelor's degree program (nursery school to grade 2). Preschool, kindergarten, and elementary school teachers play a vital role in the development of children, introducing them to numbers, language, science, and social studies. They facilitate student learning through interactive class discussions, educational activities, "hands-on" learning, and one-on-one assistance. The need for qualified teachers continues to grow because of retirements, increasing student enrollments, and demands for smaller class sizes. Benefits of MWCC's program include: day, evening, and distance learning options; day classes scheduled conveniently for parents of school-age children; opportunities to gain real world experience; and a strong liberal arts and sciences curriculum for more effective transfer.

Year 1		Credits
<b>Fall</b>		
ECE 101	Introduction to Early Childhood Education: Advancing Equity	3
ENG 101	College Writing I	3
PSY 105	Introduction To Psychology	3
BIO 109, EAS 115, or EAS 125	Concepts in Biology (or Paleontology: Evolution of Life or Physical Geology of the Earth)	4
MAT 140	Elements Of Mathematics I	3
<b>Spring</b>		
ENG 102	College Writing II	3
PSY 108	Child Development <sup>1</sup>	3
ECE 103	Families, School, And Community	3
MAT 143	Statistics	3
<b>Year 2</b>		
<b>Fall</b>		
ECE 102	Early Childhood Curriculum And Program Planning <sup>1</sup>	3
SPC 113	Speech (formerly THE113)	3
ECE 114	Early Childhood Education Practicum I <sup>1</sup>	4
ART 109, 110, MUS 103, or HUM 260	Art History I (or Art History II or Music Skills and Theory I or The Art of Being Human) <sup>2</sup>	3
HIS 201	History of United States I	3
<b>Spring</b>		
ENG 235	Children's Literature	3
Science Elective <sup>3</sup>		3-4
ECE 124	Early Childhood Education Practicum II <sup>1</sup>	4
HIS 105 or 106	History Of World Civilization I (or History of World Civilization II)	3
PSY 244	Children With Special Needs <sup>1</sup>	3
<b>Total Credits:</b>		<b>60-61</b>

<sup>1</sup> Students enrolled in ECC or ECT must earn a grade of C or better.

<sup>2</sup> HUM 260 The Art Of Being Human I recommended for transfer to Fitchburg State University.

<sup>3</sup> Science Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).

See Education program student learning outcomes and technical standards.

### Transfer Options

For transfer options, please click here (<http://catalog.mwcc.edu/academicresources/#transferinformationtext>). It is recommended that you also consult with your academic advisor.

### MassTransfer

Students who plan to transfer to a Massachusetts state university or a University of Massachusetts campus may be eligible to transfer under the MassTransfer agreement, which provides transfer advantages to those who qualify.

Please click here for MassTransfer information (<http://www.mass.edu/masstransfer/>)

**Special Requirements**

Satisfactory completion of the Communication and Literacy (CLST) section of the Massachusetts Tests of Educator Licensure (MTEL) is required for transfer into a four-year educational program prior to entrance to junior-level courses. The exam is not a prerequisite to enter MWCC's program. Technical standards must be met with or without accommodations.

## ELEMENTARY EDUCATION TRACK (LAEL)

### A DEGREE IN LIBERAL ARTS AND SCIENCE

This program satisfies the requirements of the Massachusetts Department of Higher Education Elementary Education Transfer Compact for transfer to a state college or university bachelor's degree program. Elementary school teachers play a vital role in the development of children, introducing them to numbers, language, science, and social studies. They facilitate student learning through interactive class discussions, educational activities, "hands-on" learning, and one-on-one assistance. The need for qualified teachers continues to grow because of retirements, increasing student enrollments, and demands for smaller class sizes.

#### Year 1

Fall		Credits
HIS 105 or 106	History Of World Civilization I (or History of World Civilization II)	3
ENG 101	College Writing I	3
PSY 105	Introduction To Psychology	3
BIO 109	Concepts in Biology	4
EDU 101	Introduction To Education	3
Spring		
ENG 102	College Writing II	3
MAT 140	Elements Of Mathematics I	3
EDU 102	Literacy in Education	3
Science Elective <sup>1</sup>		3-4
General Elective <sup>2</sup>		3

#### Year 2

Fall		Credits
ENG 235	Children's Literature	3
HIS 201 or 202	History of United States I (or History of United States II)	3
PSY 108	Child Development	3
SPC 113	Speech (formerly THE113)	3
Professional Elective (see list below)		3
Spring		
MAT 143	Statistics (or higher) <sup>3</sup>	3
ENG 290	Advanced Writing and Research	3
ART 109, 110, MUS 103, or HUM 260	Art History I (or Art History II or Music Skills and Theory I or The Art of Being Human I)	3
PSY 244	Children With Special Needs	3
General Elective <sup>2</sup>		3

**Total Credits:**

**61-62**

- <sup>1</sup> Lab Science Electives and Science Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).
- <sup>2</sup> General Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).
- <sup>3</sup> Select courses to fulfill requirements for the intended academic major at the four-year college to which you plan to transfer.
- <sup>4</sup> HUM 260 The Art Of Being Human I is recommended for transfer to Fitchburg State University.

#### Professional Electives

		Credits
ECE 105	Child Care Administration	3
ECE 134	Promoting Positive Behavior in Early Childhood & Elementary Education	3
SOC 206	Marriage And The Family	3

See Education program student learning outcomes and technical standards.

### Student Success Tips

Students should consult with a transfer advisor early to ensure that they choose a combination of liberal arts and education courses that transfer to the four-year college or university of their choice.

### Transfer Options

For transfer options, please click here (<http://catalog.mwcc.edu/academicresources/#transferinformationtext>). It is recommended that you also consult with your academic advisor.

### MassTransfer

Students who plan to transfer to a Massachusetts state university or a University of Massachusetts campus may be eligible to transfer under the MassTransfer agreement, which provides transfer advantages to those who qualify.

Please click here for MassTransfer information (<http://www.mass.edu/masstransfer/>)

### Special Requirements

Most four-year colleges and universities (including all Massachusetts public institutions) require satisfactory completion of the Communication and Literacy section of the Massachusetts Tests of Educator Licensure (MTEL) prior to entrance to junior-level courses. The exam is NOT a prerequisite to enter MWCC's program. *Students may be able to transfer into bachelor's degree education programs, but may not be able to take upper-level education courses until they pass the exam.* Technical standards must be met with or without accommodations.

### Early Education and Care for Exceptional Children (ECEC)

The Early Care & Education for Young Children with Exceptionalities is a track available for Early Childhood Career Associate Degree students. A growing body of research is showing that just under half (45%) of children 0-17 have experienced adverse childhood experiences (ACES). These ACES are potentially traumatic events that can have lasting impacts on health and well-being. Responding to children who have experienced or who are at risk of experiencing ACES is a challenge facing the Early Education and Care field. This track provides training in the areas of challenging behaviors, trauma-informed care, human services, and helping children develop resilience, and prepares students to work in home-based support staff positions for young children with special needs and their families.

#### Year 1

		Credits
<b>Fall</b>		
ENG 101	College Writing I	3
PSY 101	Psychology Of Self	3
ECE 101	Introduction to Early Childhood Education: Advancing Equity	3
ECE 103	Families, School, And Community	3
BIO 103	Human Health And Disease	3
<b>Spring</b>		
ENG 102	College Writing II	3
PSY 108	Child Development	3
MAT 140	Elements Of Mathematics I	3
ECE 134	Promoting Positive Behavior in Early Childhood Elementary Education	3
SPC 113	Speech (formerly THE113)	3

#### Year 2

<b>Fall</b>		
ECE 244	Children with Special Needs	3
ECE 102	Early Childhood Curriculum And Program Planning	3
ECE 104	Infant And Toddler Development And Curriculum	3
ECE 114	Early Childhood Education Practicum I	4
ECE 107	Building Resilience in Children, Youth and Families	3
<b>Spring</b>		
ECE 250	Observation and Assessment in Early Childhood	3
HST 101	Introduction To Human Services	3
ENG 235 or THE 112	Children's Literature (or Children's Theater)	3
ECE 124	Early Childhood Education Practicum II	4

ECE 106	Autism Spectrum Disorder	3
<b>Total Credits:</b>		<b>62</b>

See Education program student learning outcomes and technical standards

### State Certification

After completing the degree, students can apply for Department of Early Education and Care (EEC) Lead Teacher certification. Lead Teachers must be age 21 or over (those under 21 can receive Teacher certification). EEC certification indicates that students are qualified to work in childcare facilities.

### Student Success Tips

To meet Department of Early Education and Care (EEC) requirements, students should attain First Aid certification. Childcare facilities are required to have one CPR-certified professional always present; therefore, students who attain certification will be even more marketable.

### Transfer Options

For transfer options, please click here (<http://catalog.mwcc.edu/academicresources/#transferinformationtext>). It is recommended that you also consult with your academic advisor.

### Special Requirements

Technical standards must be met with or without accommodations.

### Career Options/Earning Potential

For career options, please click here (<https://mwcc.lightcastcc.com/programs/early-education-and-care-for-exceptional-children-associate-degree/166957/?region=North%20Central%20MA/Southwest%20NH&radius=>).

## EARLY CHILDHOOD EDUCATION CERTIFICATE (ECE)

This Early Childhood Certificate program prepares students, including those who are working in the field and want to continue their education, for professional work with children from birth to age 5. The program includes a series of courses designed to develop competencies in the areas of child development, curriculum planning, health and safety, and working with children with special needs. Direct work with and observation of children are an essential part of this certificate program. The certificate is designed to qualify students to meet the Massachusetts Department of Early Education and Care requirements for teachers in group settings. Certification may be in an infant/toddler or preschool setting based on the completion of a practicum in that setting.

### Year 1

Fall		Credits
ECE 101	Introduction to Early Childhood Education: Advancing Equity	3
ECE 102	Early Childhood Curriculum And Program Planning	3
ECE 104	Infant And Toddler Development And Curriculum	3
PSY 108	Child Development	3
Spring		
ECE 134	Promoting Positive Behavior in Early Childhood Elementary Education	3
ECE 135	Health, Safety Nutrition in Early Childhood Settings	3
PSY 244	Children With Special Needs	3
ECE 114	Early Childhood Education Practicum I (Preschool or Infant/Toddler placements for specific certification)	4
<b>Total Credits:</b>		<b>25</b>

### Student Success Tips

To meet Department of Early Education and Care (EEC) requirements, students should attain First Aid certification. Childcare facilities are required to have one CPR-certified professional always present; therefore, students who attain certification will be even more marketable.

### Transfer Options

For transfer options, please click here (<http://catalog.mwcc.edu/academicresources/#transferinformationtext>). It is recommended that you also consult with your academic advisor.

### Special Requirements

Technical standards must be met with or without accommodations.

### Career Options/Earning Potential

For career options, please click here (<https://mwcc.lightcastcc.com/programs/early-childhood-education-certificate/166957/?region=North%20Central%20MA/Southwest%20NH&radius=>).

### Secondary Education Pathway in Biology Degree (SEDB)

The Secondary Education Pathway in Biology Program at Mount Wachusett Community College provides students with the opportunity to earn an Associate of Science Degree in Biology that allows them to transfer to a four-year program in Secondary Education in Biology. Upon completion of this program, students are prepared for transfer to a four-year program; a bachelor's degree is required for licensure as a secondary education teacher in Massachusetts. During the course of study, students will develop skills and competencies in the field of biology as well as classes that prepare them to teach at the secondary school level (grades 8-12). The need for qualified teachers continues to grow because of retirements, increasing student enrollments, and demands for smaller class sizes.

#### Year 1

Fall		Credits
ENG 101	College Writing I	3
BIO 118	Biology I	4
MAT 163	Pre-Calculus(or higher)	4
CHE 107	General Chemistry I	4
Spring		
ENG 102	College Writing II	3
CHE 108	General Chemistry II	4
BIO 119	Biology II	4
Social Science Elective <sup>1</sup>		3
BIOL 1860 FSU Course <sup>2</sup>		3
Year 2		
Fall		
BIO 116	Ecology	4
CHE 207	Organic Chemistry I	4
Literature or PHL Elective <sup>3</sup>		3
PSY 105	Introduction To Psychology	3
EDUC 2011 FSU Course <sup>2</sup>		3
Spring		
BIO 210	Genetics	4
CHE 208	Organic Chemistry II	4
MAT 143	Statistics	3
Humanities Elective <sup>4</sup>		3
EDUC 2012 FSU Course <sup>2</sup>		3
<b>Total Credits:</b>		<b>66</b>

<sup>1</sup> Social Science Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).

<sup>2</sup> Students will complete this course at Fitchburg State University.

<sup>3</sup> Literature Electives or any PHL course: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).

<sup>4</sup> Humanities Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).

See Education program student learning outcomes and technical standards.

### Student Success Tips

Students should work closely with an advisor on transfer options. This program has been developed as part of a transfer agreement with Fitchburg State University.

### Transfer Options

For transfer options, please click here (<http://catalog.mwcc.edu/academicresources/#transferinformationtext>). It is recommended that you also consult with your academic advisor.

### MassTransfer

Students who plan to transfer to a Massachusetts state university or a University of Massachusetts campus may be eligible to transfer under the MassTransfer agreement, which provides transfer advantages to those who qualify.

Please click here for MassTransfer information (<http://www.mass.edu/masstransfer/>)

### Secondary Education Pathway in Chemistry Degree (SEDC)

The Secondary Education Pathway in Chemistry Program at Mount Wachusett Community College provides students with the opportunity to earn an Associate of Science Degree in Chemistry that allows them to transfer to a four-year program in Secondary Education in Chemistry. Upon completion of this program, students are prepared for transfer to a four-year program; a bachelor's degree is required for licensure as a secondary education teacher in Massachusetts. During the course of study, students will develop skills and competencies in the field of chemistry as well as classes that prepare them to teach at the secondary school level (grades 8-12). The need for qualified teachers continues to grow because of retirements, increasing student enrollments, and demands for smaller class sizes.

Year 1		Credits
<b>Fall</b>		
ENG 101	College Writing I	3
MAT 163	Pre-Calculus (or higher)	4
CHE 107	General Chemistry I	4
Social Science Elective <sup>1</sup>		3
Humanities Elective <sup>2</sup>		3
<b>Spring</b>		
ENG 102	College Writing II	3
CHE 108	General Chemistry II	4
MAT 211	Calculus I	4
CHEM 1860 FSU Course <sup>3</sup>		3
<b>Year 2</b>		
<b>Fall</b>		
CHE 207	Organic Chemistry I	4
MAT 212	Calculus II	4
BIO 118	Biology I	4
EDUC 2011 FSU Course <sup>3</sup>		3
<b>Spring</b>		
CHE 208	Organic Chemistry II	4
PHY 105 or 120	College Physics I (or Physics for Engineering and Science I)	4
Social Science Elective <sup>1</sup>		3
Humanities Elective <sup>2</sup>		3
EDUC 2012 FSU Course <sup>3</sup>		3
<b>Total Credits:</b>		<b>63</b>

<sup>1</sup> Social Science Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).

<sup>2</sup> Humanities Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).

<sup>3</sup> Students will complete this course at Fitchburg State University.

See Education program student learning outcomes and technical standards.

### Student Success Tips

Students should work closely with an advisor on transfer options. This program has been developed as part of a transfer agreement with Fitchburg State University.

## Transfer Options

For transfer options, please click here (<http://catalog.mwcc.edu/academicresources/#transferinformationtext>). It is recommended that you also consult with your academic advisor.

## MassTransfer

Students who plan to transfer to a Massachusetts state university or a University of Massachusetts campus may be eligible to transfer under the MassTransfer agreement, which provides transfer advantages to those who qualify.

Please click here for MassTransfer information (<http://www.mass.edu/masstransfer/>)

## Secondary Education Program in English Degree (SEDE)

The Secondary Education Pathway in English Program at Mount Wachusett Community College provides students with the opportunity to earn an Associate of Arts Degree in Liberal Arts and Science that allows them to transfer to a four-year program in Secondary Education in English. Upon completion of this program, students are prepared for transfer to a four-year program; a bachelor's degree is required for licensure as a secondary education teacher in Massachusetts. During the course of study, students will develop skills and competencies in the field of English as well as classes that prepare them to teach at the secondary school level (grades 8-12). The need for qualified teachers continues to grow because of retirements, increasing student enrollments, and demands for smaller class sizes.

### Year 1

Fall		Credits
ENG 101	College Writing I	3
MAT 143 or 163	Statistics (or Pre-Calculus)	3-4
Behavioral Social Science Elective <sup>1</sup>		3
Humanities Elective <sup>2</sup>		3
General Elective		3
Spring		
ENG 102	College Writing II	3
SPC 113	Speech (formerly THE113)	3
ENGL 1400 FSU Course <sup>3</sup>		3
Humanities Elective <sup>2</sup>		3
Lab Science Elective <sup>4</sup>		4
Year 2		
Fall		
ENG 213	American Literature I	3
ENG 221	Women's Literature	3
Behavioral Social Science Elective II <sup>1</sup>		3
Science Elective <sup>5</sup>		3-4
EDUC 2011 FSU Course <sup>3</sup>		3
Spring		
ENG 290	Advanced Writing and Research	3
Non-Behavioral Social Science Elective <sup>6</sup>		3
ENG 239 or 241	Creative Writing I (or Journalism I: Media Writing)	3
Restrictive Elective (see list below)		3
EDUC 2012 FSU Course <sup>3</sup>		3
<b>Total Credits:</b>		<b>61-63</b>

<sup>1</sup> Behavioral Social Science Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).

<sup>2</sup> Humanities Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).

<sup>3</sup> Students will complete this course at Fitchburg State University.

<sup>4</sup> Lab Science Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).

<sup>5</sup> Social Science Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).

<sup>6</sup> Non-Behavioral Social Science Elective: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).

## Restrictive Electives

		Credits
ENG 203	Twentieth Century American Authors	3
ENG 205	Shakespeare	3
ENG 227	British Literature I	3
ENG 289	American Romanticism	3

See Education program student learning outcomes and technical standards.

**Student Success Tips**

Students should work closely with an advisor on transfer options. This program has been developed as part of a transfer agreement with Fitchburg State University.

**Transfer Options**

For transfer options, please click here (<http://catalog.mwcc.edu/academicresources/#transferinformationtext>). It is recommended that you also consult with your academic advisor.

**MassTransfer**

Students who plan to transfer to a Massachusetts state university or a University of Massachusetts campus may be eligible to transfer under the MassTransfer agreement, which provides transfer advantages to those who qualify.

Please click here for MassTransfer information (<http://www.mass.edu/masstransfer/>)

**Secondary Education Pathway in General Science Degree (SEDG)**

The Secondary Education Pathway in General Science Program at Mount Wachusett Community College provides students with the opportunity to earn an Associate of Arts Degree in Liberal Arts and Science that allows them to transfer to a four-year program in Middle School Education in General Science. Upon completion of this program, students are prepared for transfer to a four-year program; a bachelor's degree is required for licensure as a middle school education teacher in Massachusetts. During the course of study, students will develop skills and competencies in the field of science as well as classes that prepare them to teach at the middle school level (grades 5-8). The need for qualified teachers continues to grow because of retirements, increasing student enrollments, and demands for smaller class sizes.

**Year 1**

		Credits
<b>Fall</b>		
ENG 101	College Writing I	3
BIO 118	Biology I	4
MAT 163	Pre-Calculus (or higher)	4
Behavioral Social Science Elective <sup>1</sup>		3
Social Science Elective <sup>2</sup>		3
<b>Spring</b>		
ENG 102	College Writing II	3
SPC 113	Speech (formerly THE113)	3
BIO 119	Biology II	4
Literature Elective I <sup>3</sup>		3
EDU 101 or SCI 1860 FSU Course <sup>4</sup>		3
<b>Year 2</b>		
<b>Fall</b>		
BIO 116	Ecology	4
EAS 127	Introduction to Astronomy	3
Social Science Elective <sup>2</sup>		3
Literature Elective II <sup>3</sup>		3
EDUC 2011 FSU Course <sup>4</sup>		3
<b>Spring</b>		
PHY 101	Introduction To Physical Science	4

CHE 107	General Chemistry I	4
ENG 290	Advanced Writing and Research	3
EDUC 2012 FSU Course <sup>4</sup>		3
<b>Total Credits:</b>		<b>63</b>

- <sup>1</sup> Behavioral Social Science Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).
- <sup>2</sup> Social Science Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).
- <sup>3</sup> Literature Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).
- <sup>4</sup> Students will complete this course at Fitchburg State University.

See Education program student learning outcomes and technical standards.

### Student Success Tips

Students should work closely with an advisor on transfer options. This program has been developed as part of a transfer agreement with Fitchburg State University.

### Transfer Options

For transfer options, please click here (<http://catalog.mwcc.edu/academicresources/#transferinformationtext>). It is recommended that you also consult with your academic advisor.

### MassTransfer

Students who plan to transfer to a Massachusetts state university or a University of Massachusetts campus may be eligible to transfer under the MassTransfer agreement, which provides transfer advantages to those who qualify.

Please click here for MassTransfer information (<http://www.mass.edu/masstransfer/>)

### Secondary Education Pathway in History Degree (SEDH)

The Secondary Education Pathway in History Program at Mount Wachusett Community College provides students with the opportunity to earn an Associate of Arts Degree in Liberal Arts and Science that allows them to transfer to a four-year program in Secondary Education in History. Upon completion of this program, students are prepared for transfer to a four-year program; a bachelor's degree is required for licensure as a secondary education teacher in Massachusetts. During the course of study, students will develop skills and competencies in the field of history as well as classes that prepare them to teach at the secondary school level (grades 5-12). The need for qualified teachers continues to grow because of retirements, increasing student enrollments, and demands for smaller class sizes.

#### Year 1

		Credits
<b>Fall</b>		
ENG 101	College Writing I	3
MAT 143	Statistics (or higher)	3
HIS 201	History of United States I	3
HIS 105	History Of World Civilization I	3
Humanities Elective <sup>1</sup>		3
<b>Spring</b>		
ENG 102	College Writing II	3
SCI 1860 FSU Course <sup>2</sup>		3
POL 211	Introduction to American Government and Politics	3
SPA 109 or FRE 107	Beginning Spanish I (or French I)	3
HIS 202 or 106	History of United States II (or History of World Civilization II)	3

#### Year 2

<b>Fall</b>		
EDUC 2011 FSU Course <sup>2</sup>		3
POL Elective <sup>6</sup>		3
HIS 106 or 202	History Of World Civilization II (or US History II)	3
ECO 101	Macroeconomics	3
Science Elective <sup>3</sup>		3-4
<b>Spring</b>		

EDUC 2012 FSU Course <sup>2</sup>		3
ENG 290	Advanced Writing and Research	3
Lab Science Elective <sup>4</sup>		4
Literature Elective I <sup>5</sup>		3
PHL 201	Introduction To Philosophical Issues	3
<b>Total Credits:</b>		<b>61-62</b>

- <sup>1</sup> Humanities Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).
- <sup>2</sup> Students will complete this course at Fitchburg State University.
- <sup>3</sup> Science Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).
- <sup>4</sup> Lab Sciences Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).
- <sup>5</sup> Literature Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).
- <sup>6</sup> Any POL course.

See Education program student learning outcomes and technical standards.

### Student Success Tips

Students should work closely with an advisor on transfer options. This program has been developed as part of a transfer agreement with Fitchburg State University.

### Transfer Options

For transfer options, please click here (<http://catalog.mwcc.edu/academicresources/#transferinformationtext>). It is recommended that you also consult with your academic advisor.

### MassTransfer

Students who plan to transfer to a Massachusetts state university or a University of Massachusetts campus may be eligible to transfer under the MassTransfer agreement, which provides transfer advantages to those who qualify.

Please click here for MassTransfer information (<http://www.mass.edu/masstransfer/>)

### Secondary Education Pathway in Mathematics (SEDM)

The Secondary Education Pathway in Mathematics Program at Mount Wachusett Community College provides students with the opportunity to earn an Associate of Science Degree in Liberal Arts and Sciences that allows them to transfer to a four-year program in Middle School or Secondary Education in Math. Upon completion of this program, students are prepared for transfer to a four-year program; a bachelor's degree is required for licensure as a secondary education teacher in Massachusetts. During the course of study, students will develop skills and competencies in the field of mathematics as well as classes that prepare them to teach at the secondary school level (grades 5-8 or 8-12). The need for qualified teachers continues to grow because of retirements, increasing student enrollments, and demands for smaller class sizes.

#### Year 1

		Credits
<b>Fall</b>		
ENG 101	College Writing I	3
Humanities Elective <sup>1</sup>		3
MAT 163 or 211	Pre-Calculus (or MAT 211)	4
Behavioral Social Science Elective <sup>2</sup>		3
Science Elective <sup>3</sup>		3
<b>Spring</b>		
ENG 102	College Writing II	3
SPC 113	Speech (formerly THE113)	3
MAT 211 or 212	Calculus I (or MAT 212)	4
MATH 1860 FSU Course <sup>4</sup>		3
Lab Science Elective <sup>5</sup>		4

#### Year 2

<b>Fall</b>		
MAT 212	Calculus II	4
Literature Elective I <sup>6</sup>		3
Social Science Elective <sup>7</sup>		3

MAT 220	Linear Algebra	4
EDUC 2011 FSU Course <sup>4</sup>		3
<b>Spring</b>		
MAT 213	Calculus III	4
MAT 230	Ordinary Differential Equations	4
EDUC 2012 FSU Course <sup>4</sup>		3
Social Science Elective <sup>7</sup>		3
<b>Total Credits:</b>		<b>64</b>

<sup>1</sup> Humanities Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).

<sup>2</sup> Behavioral Social Science Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).

<sup>3</sup> Science Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).

<sup>4</sup> Students will complete this course at Fitchburg State University.

<sup>5</sup> Lab Science Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).

<sup>6</sup> Literature Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).

<sup>7</sup> Social Science Electives: See Elective Courses by Abbreviation (<http://catalog.mwcc.edu/electivecoursesbyabbreviation/>).

See Education program student learning outcomes and technical standards.

### Transfer Options

For transfer options, please click here (<http://catalog.mwcc.edu/academicresources/#transferinformationtext>). It is recommended that you also consult with your academic advisor.

### MassTransfer

Students who plan to transfer to a Massachusetts state university or a University of Massachusetts campus may be eligible to transfer under the MassTransfer agreement, which provides transfer advantages to those who qualify.

Please click here for MassTransfer information (<http://www.mass.edu/masstransfer/>)

### PROGRAM STUDENT LEARNING OUTCOMES FOR ECC, EEC, AND ECT

Upon graduation from these programs, students shall have demonstrated the ability to:

- Create an environment that is healthy, respectful, supportive, and challenging for each child.
- Design, implement, and evaluate experiences that promote positive development and learning for every young child.
- Implement developmentally appropriate activity plans that are based on children's ages, characteristics, and culture.
- Explain and analyze the importance of creating respectful, reciprocal relationships that support and involve families in their children's development and learning.
- Collect child observations based on developmental domains.
- Practice documentation strategies that positively influence the development of children.
- Defend the early childhood profession, upholding ethical guidelines and professional standards related to early childhood practice.

### PROGRAM STUDENT LEARNING OUTCOMES FOR LAEL

Upon graduation from these programs, students shall have demonstrated the ability to:

- Implement curriculum based on State Frameworks and national standards.
- Question complex problems and ideas relevant to a variety of disciplines and theories, locally, nationally and globally.
- Create an educational environment that is respectful, supportive and challenging.
- Defend the teaching profession, upholding ethical guidelines and professional standard.

- Apply reflective practice to integrate knowledge from a variety of sources.
- Engage in informed advocacy for students and the teaching profession.

## CAPSTONE COURSE FOR LAEL

ENG 290 Advanced Writing and Research is the required capstone course for some Liberal Arts & Sciences majors and is to be taken after successfully completing ENG 101 College Writing I, ENG 102 College Writing II and at least 45 college-level credits.

## TECHNICAL STANDARDS <sup>1</sup> FOR ECC, EEC, AND ECT

<sup>1</sup> For general information about technical standards and accommodation, see Technical Standards. (<http://catalog.mwcc.edu/academicresources/academicandgradingpolicies/technicalstandards/>)

Students entering these programs must be able to demonstrate the ability to:

- Comprehend textbook material at the 11th grade level.
- Communicate and assimilate information either in spoken, printed, signed, or computer voice format.
- Gather, analyze, and draw conclusions from data.
- Lift a child up to 50 pounds to safety or for assistance.
- Stand for extended periods of time up to one hour, stoop, bend and get up and down from a floor sitting position.
- Use small muscle dexterity necessary to do such tasks as preparing meals and diapering.
- Work as part of a team, as in team teaching or parent meetings.
- Exhibit social skills appropriate to professional interactions and in accordance with early childhood standards.
- Communicate clearly with children and respond immediately and appropriately.
- Identify at-risk behavior that might endanger the safety of a child, peers and/or staff during instructional, social or recreational activities.
- Identify situations when a child is in distress or exhibiting behaviors that endanger their safety by reacting in an appropriate and timely manner.
- Remain calm, rational, decisive, and in control at all times, especially during emergency and alarm situations.
- Function without causing harm to self or others if under the influence of prescription or over-the-counter medications.

## TECHNICAL STANDARDS <sup>1</sup> FOR LAEL

- Comprehend textbook material at the 11<sup>th</sup> grade level
- Communicate and assimilate information either in spoken, printed, signed, or computer voice format.
- Gather, analyze, and draw conclusions from data.
- Stand for extended periods of time for up to one hour, stoop, bend and get up and down from a floor sitting position.
- Work as part of a team, as in teaching or parent meetings.
- Exhibit social skills appropriate to professional interactions and in accordance with education standards.
- Communicate clearly with children and respond immediately and appropriately.
- Identify at-risk behavior that might endanger the safety of a student and/or staff during instructional, social, or recreational activities.
- Remain calm, rational, decisive, and in control at all times, especially during emergency and alarm situations.
- Function without causing harm to self or others if under the influence of prescription or over-the-counter medications.

### **ECE 101. Introduction to Early Childhood Education: Advancing Equity. 3 Credits.**

This course is an introduction to the field of early childhood education. Students will gain an understanding of equity's role in high quality early education while exploring the foundations, history, philosophy, programs, and ethics of early childhood education. The course will survey the social justice/anti-bias education domains: identity, diversity, justice, and action. Students will examine self, the teacher's role, and the evolving needs of diverse families within varied settings and evaluate their impact on the social, emotional, and intellectual development of the child. This course will introduce licensing regulations, state, and national standards. A field observation is required. Students must undergo a Background Records check. Prerequisites: ENG 098, FYE 101, RDG 098, or placement.

**ECE 102. Early Childhood Curriculum And Program Planning. 3 Credits.**

This course surveys curriculum, instruction, and environments in an early childhood setting to maintain a comprehensive, multisensory, inquiry-based, developmentally appropriate program. Students will gain an understanding of the importance of play, active exploration, cultural diversity, and inclusion. Emphasis will be placed on supporting and empowering the learning of children in all domains. Students will explore state and national standards and trends. A field observation and a Background Records check are required. ECC and ECT students must earn a C or better in the course. Prerequisite: PSY 108 (or corequisite).

**ECE 103. Families, School, And Community. 3 Credits.**

This course focuses on the influence of family, school, and community on a child's life and learning. Emphasis is on understanding family diversity and culture and building collaborative partnerships with school, families, and community groups to support children's development and education. Students will develop strategies to engage community and advocate with children, families. ECC and ECT students must earn a C or better in the course. Prerequisites: ENG 098, FYE 101, RDG 098, or placement.

**ECE 104. Infant And Toddler Development And Curriculum. 3 Credits.**

The focus of this course is on the unique requirements of caring for infants and toddlers in group settings. Students will explore child growth and development, environments, curriculum and care-giving for children ages birth-3 . Students will demonstrate knowledge of the Massachusetts Early Learning Guidelines for Infants and Toddlers. ECC and ECT students must earn a C or better in the course. Prerequisite: PSY 108 (or corequisite). Fall.

**ECE 105. Child Care Administration. 3 Credits.**

This course examines the organization, planning, and the administering of various types of early childhood programs. Emphasis will be placed on the responsibility of the director to provide a quality program by developing intentional measures to foster an equitable and inclusive culture that promotes social justice, sound fiscal management skills, effective interpersonal relationships, while meeting State Standards, Guidelines and licensing regulations. Topics included in the course will be funding, budgeting, evaluating, hiring and retaining educators, collecting fees, writing reports, and communication skills. ECC and ECT students must earn a C or better in the course. Prerequisites: ENG 101. Spring.

**ECE 106. Autism Spectrum Disorder. 3 Credits.**

This course will examine the neurological underpinnings and behavioral characteristics of children with autism spectrum disorders. It will focus on an overview of child-centered, developmental and evidence-based interventions used in early care and education environments. Collaborating with families will be emphasized. Students will complete a field observation with a child experience autism spectrum disorder. Prerequisites: ENG 098, FYE 101, RDG 098. Spring.

**ECE 107. Trauma and Resilience in Children, Youth and Families. 3 Credits.**

This course explores resilience, the ability to adapt well and recover after stress, adversity, trauma or tragedy. Emphasis will be on understanding trauma and resilience as well as exploring evidence-based strategies and skills to implement trauma-sensitive curriculum and behavioral practices. The focus will also be placed on using trauma-informed approaches to foster student, professional, and family relationships. Prerequisites: ENG 098, FYE 101, RDG 098 (or placement). Fall.

**ECE 108. Introduction to Trauma Informed Care in Early Childhood Settings. 4 Credits.**

This course explores the multiple impacts of trauma on the developing child along with ways to build resiliency. The role of the teacher, in the context of the child's larger circle of protective factors, is developed in terms of social emotional learning (SEL), family support and engagement, setting up the physical environment, advocacy, and self-care. An evidence-based approach, through trauma-informed best practices, guides the learning where students will practice and apply course concepts in an early childhood classroom in a 15-hour faculty guided field component. Prerequisite: ENG 098, FYE 101, RDG 098 or placement. Fall.

**ECE 114. Early Childhood Education Practicum I. 4 Credits.**

Students will actively participate in an early childhood education setting. Under the supervision of a mentor teacher, the student will become more familiar with the role and responsibilities of the professional in early childhood education environments. Students must undergo a Background Records Check. ECC and ECT students must earn a C or better in the course. Prerequisites: ECE 102 or corequisite; PSY 108; enrollment in ECC, ECE, ECEC or ECT programs.

**ECE 124. Early Childhood Education Practicum II. 4 Credits.**

Students will increase their involvement in an early childhood setting under the guidance of a mentor teacher. They will plan and implement developmentally appropriate curriculum while learning to apply best practice. Students will develop confidence and a sense of professionalism while reflecting on their teaching practice. Students must undergo a Background Records check. ECC and ECT students must earn a C or better in the course. Prerequisites: ECE 114; enrollment in ECE, ECEC, or ECT programs.

**ECE 132. Applying Theories Of Curriculum. 3 Credits.**

This course will explore and analyze current trends, theories, best practice standards of curriculum in early childhood education. Students will gain a more indepth understanding of inquiry-based, emergent and project-based teaching that reviews the value of play

and the importance of inclusion and diversity. ECC and ECT students must earn a C or better in the course. Prerequisites: ECE 102, PSY 108.

**ECE 134. Promoting Positive Behavior in Early Childhood & Elementary Education. 3 Credits.**

This course examines and interprets children's challenging behaviors from early childhood to the school-age years. Various theories of behavior management, functions of behavior, and the role of positive behavioral supports will be explored. Emphasis will be placed on relationships and physical environments. Students will learn approaches to guidance that support and encourage positive behavior, prevent challenging behaviors, and provide choices for all learners. ECC and ECT students must earn a C or better in the course. Prerequisite: PSY 108 (or corequisite). Spring.

**ECE 135. Health, Safety & Nutrition in Early Childhood Settings. 3 Credits.**

Students will examine a holistic approach to children's wellness and the inter-relationships between health, safety and nutrition in early childhood settings. This course will explore the knowledge and skills early childhood educators need in order to promote the well-being of young children birth-8. Emphasis will be on the Department of Early Education and Care regulations. ECC and ECT students must earn a C or better in the course. Prerequisite: ENG 098, FYE 101, RDG 098. Alternate Years.

**ECE 244. Children with Special Needs. 3 Credits.**

This course explores ways of understanding the strengths and needs of children with differing abilities. Emphasis will be on combining information about specific disability categories with evidence based practices for instruction and behavioral support. This course covers evolving social/cultural dimensions of disability as well as legislation and policies supportive of children with special needs and their families. Students are required to observe special needs children in an educational setting. ECC and ECT students must earn a C or better in the course. Prerequisites: PSY 108 or PSY 110.

**ECE 250. Observation and Assessment in Early Childhood. 3 Credits.**

This course examines observation and assessment of children from birth through eight. The connection between effective observation and documentation to inform curriculum planning, program development and constructively sharing information will be emphasized. ECC and ECT students must earn a C or better in the course. Prerequisite: PSY 108.

**ECE 255. Best Practices in Trauma-Informed Care in Early Childhood Settings. 4 Credits.**

This course addresses in greater detail the key themes and concepts identified in Introduction to Trauma-Informed Care in Early Childhood Settings. Through evidence-based practice, students develop an increased capacity to work with children and families who have experienced trauma. Skills will be reinforced through continued self-reflective practice, practical application, and in-depth analysis of the child's environment. Students will continue to practice and apply course concepts in the early childhood classroom and meet with faculty in a 15-hour guided field component. Faculty will guide reflective discussion around implementing competencies in the early childhood classroom. Prerequisite: ECE 108. Spring.