

EARLY CHILDHOOD DEVELOPMENT AND EDUCATION — ASSOCIATE IN APPLIED SCIENCE

Early childhood professionals nurture and teach young children—birth through age 8 — in child care centers, nursery schools, preschools, public schools, and family child care homes. Many early childhood professionals perform a combination of basic care and teaching duties. They facilitate activities that stimulate children's physical, emotional, intellectual and social growth. They help children explore their interests, develop their talents and independence, build self-esteem and learn how to behave with others. In addition to attending to children's educational needs, they help keep children healthy by serving nutritious meals and snacks, and teaching good eating habits and personal hygiene. They see that children have proper rest periods. They spot children who may not feel well or show signs of emotional or developmental problems and discuss these matters with their supervisor, service team and the child's parents.

Early childhood settings include private homes, schools, religious institutions, work places where employers provide care for employees' children, or private buildings. Individuals who provide care in their own homes are generally called family child care providers. Preschool teachers and childcare workers held about 1.9 million jobs in 2001, serving over 13 million children. Many worked part time. About four out of 10 preschool teachers and childcare workers are self-employed, most of whom are family daycare providers. Children in the care of paraprofessionals, kindergarten, first and second grade teachers benefit from their specialized training in the early childhood field as well.

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| Minimum credits: | .60 |
| Minimum cumulative GPA: | 2.0 |
| Minimum grade in all courses: | 2.0 |
| Minimum JCC credits: | 12 |
| MACRAO agreement: | No |

GENERAL EDUCATION REQUIREMENTS — (18 credits)

ENGLISH — (3 credits)

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| ENG 131 Writing Experience | 3 |
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MATHEMATICS — (3 credits)

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| MTH 120 Beginning Algebra or higher | 3 |
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SCIENCE — (4 credits)

Choose one of the following:

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| BIO 131 General Biology | 4 |
| BIO 132 Human Biology | 4 |
| CEM 131 Fundamentals of Chemistry | 4 |
| GEL 160 Introduction to Geology | 4 |
| NSC 131 Contemporary Science | 4 |
| PHY 131 Conceptual Physics | 4 |

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| PHY 151 Astronomy | 4 |
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SOCIAL SCIENCE — (4 credits)

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| PSY 140 Introduction to Psychology | 4 |
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HUMANITIES — (3 credits)

Choose one of the following:

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| ART 111 Art History: Prehistoric to 1400 | 3 |
| ART 112 Art History: Renaissance to Present | 3 |
| ENG 210 Introduction to Film | 3 |
| ENG 236 Women in Changing Society | 3 |
| ENG 246 Short Story and Novel | 3 |
| ENG 247 Poetry and Drama | 3 |
| ENG 249 African American Literature | 3 |
| ENG 252 Shakespeare | 3 |
| ENG 255 American Lit 19th Century | 3 |
| ENG 256 American Lit 20th Century | 3 |
| ENG 257 World Literature | 3 |
| HUM 131 Cultural Connections | 3 |
| MUS 131 Understanding Music | 3 |
| MUS 132 History of American Popular Music | 3 |
| MUS 133 Music Education | 3 |
| MUS 151 Music Theory I | 3 |
| MUS 152 Music Theory II | 3 |
| PHL 231 Introduction to Philosophy | 3 |
| PHL 232 Logic | 3 |
| THR 116 Introduction to Theatre | 3 |

HEALTH/PHYSICAL FITNESS — (1 credit)

Choose one of the following:

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| HPF 160 Wellness | 1 |
| HPF 277 Stress Management | 2 |

EARLY CHILDHOOD DEVELOPMENT & EDUCATION

CORE REQUIREMENTS — (33 credits)

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| CIS 101 Introduction to Computer Systems | 3 |
| ECE 144 Early Childhood Education* | 3 |
| ECE 140 Early Childhood Guidance* | 3 |
| ECE 142 Professionalism in Childhood Development* | 3 |
| ECE 130 Emergent Literacy | 3 |
| ECE 131 Working with Infants/Toddlers | 3 |
| ECE 132 Working with Exceptional Children | 3 |
| ECE 133 Program Management | 3 |
| ECE 150 Directed Teaching I | 2 |
| ECE 151 Directed Teaching II | 2 |
| ECE 152 Directed Teaching III | 2 |
| ITE 101 Information Technology Education | 3 |
| PSY 245 Infancy Childhood | 3 |

ELECTIVES— (Additional courses to meet the degree requirement of 60 credits).

These additional courses exclude continuing education courses (prefixes CED, CEO, CFO, CSS, ESL) or classes offered through the JCC workforce training programs (prefixes

JTL, PDI).

**Students with a current CDA will be given nine credits toward the degree and not be required to take these courses. To verify the CDA credential take the original or a copy of the credential to the Registrar's Office.*

We recommend that you choose your electives based upon your career goals or future plans (i.e., teacher, assistant, paraprofessional, home provider, program director, health care, helping families, author/editor, sales representative/ consumer advocate, public policy). Courses used to meet general education requirements cannot be used to meet elective hours as well. The program coordinator or an advisor can help with recommendations on which courses may be most beneficial for you.

SUGGESTED COURSE SEQUENCE

First Semester

ECE 140, ECE 144, ENG 131, Electives

Second Semester

ECE 130, ECE 142, CIS 101, PSY 140

Third Semester

ECE 131, ECE 150, Humanities Requirement and Electives

Second Year, Fall Semester

ECE 132, ECE 151, MTH 120, Health and Physical Fitness Requirement and Electives

Second Year, Winter Semester

ECE 133, ECE 152, PSY 245, Science Requirement

All early childhood development and education students who take ECE 150, 151 AND 152 must comply with the Michigan Department of Consumer and Industry's Child Day Care Licensing regulations. You can find the complete set of rules and regulations at: <http://www.state.mi.us/orr/emi/admincode.asp>.

SKILL SET CREDENTIAL— EARLY CHILDHOOD DEVELOPMENT AND EDUCATION

The following Skills Set Credentials are available through Jackson Community College's Early Childhood Development and Education Program. These credentials can be earned:

- as you work towards an Associate Degree in Applied Science - Early Childhood Development and Education
- in addition to your current degree(s)
- to document your professional development in the early childhood field

SKILL SET CREDENTIAL— EARLY CHILDHOOD ADVOCATE

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| Minimum credits: | 18 |
| Minimum cumulative GPA: | 2.0 |
| Minimum grade in all courses: | 2.0 |
| Minimum JCC credits: | 12 |
| MACRAO agreement: | No |

REQUIRED COURSES — (18 credits)

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| CIS 101 Introduction to Computer Systems | 3 |
| ECE 142 Professionalism in Child Development | 3 |
| PHL 231 Introduction to Philosophy | 3 |
| SPH 231 Communication Fundamentals | 3 |
| SPH 234 Public Address | 3 |
| SPH 240 Interpersonal Communication | 3 |

ADDITIONAL REQUIREMENT

EMS 110 First Aid/CPR or current Adult and Child CPR and First Aid Certification

SKILL SET CREDENTIAL — EARLY CHILDHOOD CURRICULUM - LITERACY & THE ARTS

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| Minimum credits: | 13 |
| Minimum cumulative GPA: | 2.0 |
| Minimum grade in all courses: | 2.0 |
| Minimum JCC credits: | 12 |
| MACRAO agreement: | No |

REQUIRED COURSES — (13 credits)

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| ECE 130 Emergent Literacy | 3 |
| ENG 254 Children's Literature | 3 |
| MUS 131 Understanding Music | 3 |
| ART 131 Art Education | 3 |
| ECE 127** Performing Arts and Young Children | 1 |

ADDITIONAL REQUIREMENT

EMS 110 First Aid/CPR or current Adult and Child CPR and First Aid Certification

SKILL SET CREDENTIAL— EARLY CHILDHOOD CURRICULUM - MATHEMATICS & SCIENCE

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| Minimum credits: | 19 |
| Minimum cumulative GPA: | 2.0 |
| Minimum grade in all courses: | 2.0 |
| Minimum JCC credits: | 12 |
| MACRAO agreement: | No |

REQUIRED COURSES — (19 credits)

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| MTH 110 Pre-Algebra or higher | 3 |
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| CIS 101 Introduction to Computer Systems | 3 |
| NSC 131 Contemporary Science | 4 |
| ECE 128** Exploring Nature with Young Children | 1 |
| ECE 129** Emergent Math | 1 |
| Additional Science Elective | 4 |
| Additional Mathematics Elective* | 3 |

**Must be higher mathematics course than MTH 110*

ADDITIONAL REQUIREMENT

EMS 110 First Aid/CPR or current Adult and Child CPR and First Aid Certification

SKILL SET CREDENTIAL— EARLY CHILDHOOD DISTINCTIVE POPULATIONS

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|-------------------------------------|-----|
| Minimum credits: | 15 |
| Minimum cumulative GPA: | 2.0 |
| Minimum grade in all courses: | 2.0 |
| Minimum JCC credits: | 12 |
| MACRAO agreement: | No |

REQUIRED COURSES — (15 credits)

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| ECE 131 Working with Infants and Toddlers | 3 |
| ECE 132 Working with Exceptional Children | 3 |
| SOC 235 Minority Groups in America | 3 |
| PSY 245 Infancy Childhood | 3 |
| MOA 145 Normal/Therapeutic Nutrition | 3 |

ADDITIONAL REQUIREMENT

EMS 110 First Aid/CPR or current Adult and Child CPR and First Aid Certification

SKILL SET CREDENTIAL— EARLY CHILDHOOD INSTRUCTIONAL METHODOLOGY

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|-------------------------------------|-----|
| Minimum credits: | 15 |
| Minimum cumulative GPA: | 2.0 |
| Minimum grade in all courses: | 2.0 |
| Minimum JCC credits: | 12 |
| MACRAO agreement: | No |

REQUIRED COURSES — (15 credits)

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| ECE 144 Early Childhood Education | 3 |
| ECE 140 Early Childhood Guidance | 3 |
| ECE 142 Professionalism in Child Development | 3 |
| ECE 150 Directed Teaching I | 2 |
| ECE 151 Directed Teaching II | 2 |
| ECE 152 Directed Teaching III | 2 |

ADDITIONAL REQUIREMENT

EMS 110 First Aid/CPR or current Adult and Child CPR and First Aid Certification

SKILL SET CREDENTIAL— EARLY CHILDHOOD OPERATIONS

| | |
|-------------------------------------|-----|
| Minimum credits: | 18 |
| Minimum cumulative GPA: | 2.0 |
| Minimum grade in all courses: | 2.0 |
| Minimum JCC credits: | 12 |
| MACRAO agreement: | No |

REQUIRED COURSES — (18 credits)

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|--|---|
| ECE 133 Program Management | 3 |
| SPH 240 Interpersonal Communication or SPH 231 Communication Fundamentals | 3 |
| CIS 101 Introduction to Computer Systems | 3 |
| MTH 110 Pre-Algebra or higher | 3 |
| ENG 131 Writing Experience | 3 |
| BUA 230 Principles of Marketing | 3 |

ADDITIONAL REQUIREMENT

EMS 110 First Aid/CPR or current Adult and Child CPR and First Aid Certification

All other courses meet elective course requirements for an associate degree. Substitutions may be considered with prior approval.

Completion of all credentials will meet all general education and early childhood development and education requirements, as well as surpass elective requirements for an Associate Degree in Applied Science - Early Childhood Development and Education.

***For more information and course descriptions on Skill Set Credentials, please contact Lori Gardner, Adjunct Professor/Coordinator - Early Childhood Development and Education Program at 517-787-0800, ext 8275 or lori_a_gardner@jccmi.edu*