



**EARLY CHILDHOOD DEVELOPMENT  
AND EDUCATION – ASSOCIATE IN  
APPLIED SCIENCE (CHCA.AAS)**

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 centers. 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.

- 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 – (16 credits)**

**ADO 1: Write clearly, concisely and intelligibly (3 credits)**

**Take the following:**

ENG 131 Writing Experience

**ADO 2: Speak clearly, concisely and intelligibly**

**Program courses meet this requirement**

**ADO 3: Demonstrate computational skills and mathematical reasoning (3-5 credits)**

**Take the following:**

MTH 120 Beginning Algebra or higher

**ADO 4: Demonstrate scientific reasoning (4-5 credits)**

**Choose one of the following:**

BIO 110 Introduction

- BIO 131 General Biology
- BIO 132 Human Biology
- BIO 155 Anatomy & Physiology
- BIO 220 Microbiology
- BIO 253 Human Anatomy and Physiology I
- CEM 131 Fundamentals of Chemistry
- CEM 141 General Chemistry I
- GEL 160 Introduction to Geology
- NSC 131 Contemporary Science
- PHY 131 Conceptual Physics
- PHY 151 Astronomy
- PHY 231 College Physics I
- PHY 251 Modern University Physics I

**ADO 5: Understand human behavior and social systems, the principles which govern them, and their implications for the present and future (3-4 credits)**

**Choose one of the following:**

- ECN 231 Macroeconomics
- ECN 232 Microeconomics
- HIS 131 Western Civilization to 1555
- HIS 132 Western Civilization 1555 to Present
- HIS 231 Development of the US through the Civil War
- HIS 232 Development of the US from the Civil War
- HIS 235 20th Century History
- PLS 141 American National Government
- PSY 140 Introduction to Psychology
- SOC 231 Principles of Sociology

**ADO 6: Understand aesthetic experience and artistic creativity (3 credits)**

**Choose one of the following:**

- ART 111 Art History: Prehistoric to 1400
- ART 112 Art History: Renaissance to Present
- ENG 210 Introduction to Film
- ENG 246 Short Story & Novel
- ENG 247 Poetry & Drama
- ENG 252 Shakespeare
- ENG 254 Children’s Literature
- ENG 255 American Literature — 19th Century
- ENG 256 American Literature — 20th Century
- HUM 131 Cultural Connections
- MUS 131 Understanding Music
- THR 116 Introduction to Theatre

**ADO 7: Think critically**

**Program courses meet this requirement**

**ADO 8: Make responsible decisions in personal and professional contexts**

**Program courses meet this requirement**



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## Early Childhood Development and Education Associate in Applied Science

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**Human Services Career Pathway**

### ADO 7: Think critically

Program courses meet this requirement

### ADO 8: Make responsible decisions in personal and professional contexts

Program courses meet this requirement

### ADO 9: Work productively with others, recognizing individual contributions to group success

Program courses meet this requirement

### ADO 10: Understand and respect the diversity and interdependence of the world's peoples and cultures

Program courses meet this requirement

### EARLY CHILDHOOD DEV/ED RELATED REQUIREMENTS (6 credits)

#### Take the following:

CIS 101 Information Technology Education

PSY 245 Infancy and Childhood

### EARLY CHILDHOOD DEV/ED CORE REQUIREMENTS – (30 credits)

#### Take the following:

ECE 127 Performing Arts & Young Children

ECE 128 Exploring Nature with Young Children

ECE 129 Emergent Math

ECE 130 Emergent Literacy

ECE 131 Working with Infants/Toddlers

ECE 132 Working with Exceptional Children

ECE 133 Program Management

ECE 140\* Early Childhood Guidance

ECE 142\* Professionalism in Child Development

ECE 144\* Early Childhood Education

ECE 150 Directed Teaching I

ECE 151 Directed Teaching II

ECE 152 Directed Teaching III

### EARLY CHILDHOOD DEV/ED ADDITIONAL REQUIREMENTS

EMS 110 CPR & First Aid or Adult CPR & First Aid certification

### ELECTIVES

Additional courses (excluding prefixes of CED, CEO, CFO, CSS, ESL) to meet the degree requirement of 60 credits

*\*This requirement may be waived if student has a current CDA certification.*

*\*\*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). The program coordinator or an advisor can help with recommendations on which courses may be most beneficial for you.*



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Early Childhood Development and Education Concentrations

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Human Services Career Pathway

The following concentrations 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

EARLY CHILDHOOD ADVOCATE – CONCENTRATION

Table with 2 columns: Requirement, Value. Rows include 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)

- ENG 131 Writing Experience
ECE 142 Professionalism in Child Development
SPH 231 Communication Fundamentals or SPH 240 Interpersonal Communication
SPH 234 Public Address
BUA 121 Leadership
PHL 236 Ethics

EARLY CHILDHOOD CURRICULUM – LITERACY & THE ARTS – CONCENTRATION

Table with 2 columns: Requirement, Value. Rows include Minimum credits (16), Minimum cumulative GPA (2.0), Minimum grade in all courses (2.0), Minimum JCC credits (12), MACRAO agreement (No).

REQUIRED COURSES – (16 credits)

- ECE 130 Emergent Literacy
ECE 144 Early Childhood Education
ENG 254 Children's Literature
MUS 131 Understanding Music
ART 131 Art Education
ECE 127\*\* Performing Arts & Young Children

EARLY CHILDHOOD CURRICULUM – MATHEMATICS & SCIENCE – CONCENTRATION

Table with 2 columns: Requirement, Value. Rows include Minimum credits (16), Minimum cumulative GPA (2.0).

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REQUIRED COURSES – (16 credits)

- MTH 131 Intermediate Algebra
MTH 210 Foundations of Mathematics
Choose any 4 credit Laboratory Science
CIS 101 Introduction to Computer Systems
ECE 128 Exploring Nature with Young Children
ECE 129 Emergent Math

EARLY CHILDHOOD DISTINCTIVE POPULATIONS – CONCENTRATION

Table with 2 columns: Requirement, Value. Rows include 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)

- ECE 131 Working with Infants and Toddlers
ECE 132 Working with Exceptional Children
SOC 235 Minority Groups in America
PSY 245 Infancy Childhood
SOC 231 Principles of Sociology or PSY 140 Introduction to Psychology
ANT 131 Cultural Anthropology

EARLY CHILDHOOD INSTRUCTIONAL METHODOLOGY – CONCENTRATION

Table with 2 columns: Requirement, Value. Rows include Minimum credits (17), Minimum cumulative GPA (2.0), Minimum grade in all courses (2.0), Minimum JCC credits (12), MACRAO agreement (No).

REQUIRED COURSES – (15 credits)

- Take the following:
ECE 140 Early Childhood Guidance
ECE 142 Professionalism in Child Development
ECE 144 Early Childhood Education
ECE 150 Directed Teaching I
ECE 151 Directed Teaching II
ECE 152 Directed Teaching III
EDU 290 Instructional Skills Workshop



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# Early Childhood Development and Education Concentrations

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**Human Services Career Pathway**

## EARLY CHILDHOOD OPERATIONS – CONCENTRATION

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)

- BUA 121 Leadership
  - or BUA 231 Advertising, Promotion & Public Relations
- BUA 120 Human Relations
  - or BUA 130 Customer Service
- BUA 122 Successful Small Business
- CIS 101 Introduction to Computer Systems
- ECE 133 Program Management
- ENG 232 Technical and Business Writing

\*\*For more information and course descriptions on concentrations call 517.787.0800, ext 8275.