Early Childhood Education

Bates Technical College 2025-26 Catalog Addendum
Adds MATH 133 options for CoC and AAS in ECE
updated 1/7/2026

Degree Type
Associate in Applied Science
Career Pathway
Education and Public Safety
Plan Code
ECEECAPT
Program Description

- 5 quarter AAS

General Education Requirements

- 5 credits from ENGL& 101
- 5 credits from MATH 173 or MATH 133 or any 100-level math from the quantitative distribution
- 10 credits from the Sciences and Humanities Distribution

Note: See a Career Advisor prior to choosing courses that meet general education requirements.

Elective

With instructor permission only

Course Code	Title	Credits
ECE 296	Work-Based Learning Experience	1-13

Required Courses

Quarter 1

Course Code	Title	Credits
ECED& 105	Introduction to Early Childhood Education	5
ECED& 107	Health, Nutrition and Safety	5
ECED& 170	Environments for Young Children	3
	AAS GENED Requirement: ENGL& 101, MATH 173, or Sciences-Humanities	5

or MATH 133

Quarter 2 or 3

Course Code	Title	Credits
ECE 216	Early Childhood Education in Society	3
ECED& 120	Practicum - Nurturing Relationships	2
EDUC& 115	Child Development	5

EDUC& 150	Child, Family and Community	3
	AAS GENED Requirement: ENGL& 101, MATH 173, or Sciences-Humanities	5

or MATH 133

Quarter 2 or 3

Course Code	Title	Credits
ECED& 160	Curriculum Development	5
ECED& 180	Language & Literacy Development	3
ECED& 190	Observation and Assessment	3
	Early Childhood Education Specialization Course	3
	AAS GENED Requirement: ENGL& 101, MATH 173, or ~~Sciences-Humanities~~	5

or MATH 133

Quarter 4 or 6

Course Code	Title	Credits
ECE 210	Early Childhood Practicum III	2
ECE 211	Emotional and Social Development	3
ECE 215	STEM for Young Children	3
EDUC& 204	Exceptional Child	5
	AAS GENED Requirement: Sciences-Humanities	5

Quarter 5 or 7

Course Code	Title	Credits
ECE 204	Early Childhood Practicum II	2
ECE 207	Professionalism	5
ECE 212	Cognitive Development	5
ECE 213	Creative Experience - Art & Movement	5

	Total Credits	**90**

State Early Childhood Education Certificate of Competency

Degree Type
Certificate of Competency
Career Pathway
Education and Public Safety
Plan Code
ECEECC45
Program Description

- 3 quarter Certificate of Competency

General Education Requirements

- 5 credits from ENGL& 101
- 5 credits from MATH 173 or MATH 133 or any 100-level math from the quantitative distribution

Note: See a Career Advisor prior to choosing courses that meet general education requirements.

Required Courses

Quarter 1

Course Code	Title	Credits
ECED& 105	Introduction to Early Childhood Education	5
ECED& 107	Health, Nutrition and Safety	5
ECED& 170	Environments for Young Children	3
	ENGL& 101 or MATH 173 or MATH 133	5

Quarter 2 or 3

Course Code	Title	Credits
ECED& 120	Practicum - Nurturing Relationships	2
EDUC& 115	Child Development	5
EDUC& 150	Child, Family and Community	3
	Early Childhood Education Specialization Course	3

Quarter 2 or 3

Course Code	Title	Credits
ECED& 160	Curriculum Development	5
ECED& 180	Language & Literacy Development	3
ECED& 190	Observation and Assessment	3

	or MATH 133	
	AAS GENED Requirement: ENGL& 101, MATH 173, or Sciences-Humanities	5
	Total Credits	**47**