

Education and Training

Career Field Pathways and Course Structure

Early Childhood Education (EO)

PATHWAY COURSES	SUBJECT CODE
Foundations of Education and Training	350002
Early Childhood Education Principles	350205
Child and Adolescent Development	350035
Classroom Management	350030
Curriculum and Instruction for Early Childhood Education	350235
Health, Safety and Nutrition	350230
Infant and Toddler Education	350210
Early Childhood Education Language and Literacy	350215
Early Childhood Education Observation and Assessment	350220
Communities, Schools and Stakeholders	350225
Education and Training Capstone	350400

Foundations of Education and Training

Subject Code: 350002

In this first course in the career field, students will examine the goals of education and training as well as environments in which education and training are delivered. They will identify learners' and stakeholders' roles, rights and responsibilities in educational systems; assess legal and ethical issues related to education; and determine careers of interest in education and training. Employability skills and state requirements for becoming an educator will also be addressed.

Early Childhood Education Principles

Subject Code: 350205

In this first course in the pathway, students will examine the history and philosophy of early childhood education, types of early childhood programs, and the roles, rights and responsibilities of learners and stakeholders in early childhood education. Students will assess developmental appropriate practices; legal, ethical and organizational issues; and the challenge of teaching and caring for young children with diverse needs. Career planning and professionalism will also be emphasized throughout the course.

Child and Adolescent Development

Subject Code: 350035

Students will examine and apply the theoretical foundations of human growth and development to child and adolescents. Additionally, learners will determine children's learning styles; stages of social, emotional, cognitive and physical development; and needed accommodations in educational settings. Throughout the course, family and community engagement, cultural influences on learners and language growth and development will be emphasized.

Classroom Management

Subject Code: 350030

Students will apply developmentally appropriate techniques to advance learners' social and emotional growth. They will create classroom environments to maximize the learning potential of each learner. Additionally, learners will create and enforce classroom rules, establish classroom routines, and model self-discipline for learners. Conflict resolution, positive discipline and behavioral-modification techniques will be emphasized throughout the course.

Curriculum and Instruction for Early Childhood Education

Subject Code: 350235

Students will develop age-appropriate learning experiences and curriculum to engage young children. They will determine curricular goals, create lesson plans, and employ observation and assessment strategies to evaluate children's growth and development. Application of foundational principles of reading, writing, speaking, and listening skills to enhance the learner's application of literacy will be emphasized.

Health, Safety and Nutrition

Subject Code: 350230

Students will establish and maintain a physically and emotionally safe and healthful environment for young children. They will learn skills in first aid and CPR, identify signs and symptoms of common health issues and diseases, and develop meal and snack menus appropriate for young children of different ages and stages of development. The effects of nutrients on children's growth and development will also be emphasized.

Infant and Toddler Education

Subject Code: 350210

Students will create and maintain safe, healthy, responsive learning environments for infants and toddlers. They will design age-appropriate classrooms; build relationships with families, caregivers and community partners; and encourage the growth and development of young children. Throughout the course, regulations and guidelines impacting preschools and daycares will be examined.

Early Childhood Education Language and Literacy

Subject Code: 350215

Students will implement instructional strategies to develop young children's reading, writing, listening and speaking skills. They will assess learners' reading ability, establish reading goals for learners, and analyze learners' writing samples for comprehension and understanding. The importance of early exposure to reading and writing will be emphasized.

Early Childhood Education Observation and Assessment

Subject Code: 350220

Students will formally and informally observe young children to determine learners' growth, personalities and required interventions. They will analyze children's behavior, record and categorize learner progress, and use observation to diagnose problems. The role of assessment data in developing suitable teaching responses and strategies will be examined.

Communities, Schools and Stakeholders

Subject Code: 350225

Students will examine the relationship of families, communities and schools in the growth and development of learners. They will implement strategies to actively involve families and communities in child development and learning, determine community resources and services available to families and schools, and act as advocates for students and learning. Throughout the course, working with socially, culturally, linguistically diverse families will be emphasized.

Education and Training Capstone

Subject Code: 350400

Students apply Education and Training program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships.

Teaching Professions (E1)

PATHWAY COURSES	SUBJECT CODE
Foundations of Education and Training	350002
Education Principles	350010
Child and Adolescent Development	350035
Classroom Management	350030
Curriculum and Instruction for Teaching Professions	350020
Educational Assessment	350015
Communities, Schools and Stakeholders	350225
Education and Training Capstone	350400

Foundations of Education and Training

Subject Code: 350002

In this first course in the career field, students will examine the goals of education and training as well as environments in which education and training are delivered. They will identify learners' and stakeholders' roles, rights and responsibilities in educational systems; assess legal and ethical issues related to education; and determine careers of interest in education and training. Employability skills and state requirements for becoming an educator will also be addressed.

Education Principles

Subject Code: 350010

In this first course in the pathway, students will research the historical perspectives and theories of education used in the forming of their own personal educational philosophy. Students will assess legal, ethical and organizational issues. Additionally, students will assess developmental appropriate practices and identify challenging issues associated with teaching children with diverse needs. Career planning, professional guidelines and ethical practices will also be emphasized.

Child and Adolescent Development

Subject Code: 350035

Students will examine and apply the theoretical foundations of human growth and development to child and adolescents. Additionally, learners will determine children's learning styles; stages of social, emotional, cognitive and physical development; and needed accommodations in educational settings. Throughout the course, family and community engagement, cultural influences on learners and language growth and development will be emphasized.

Classroom Management

Subject Code: 350030

Students will apply developmentally appropriate techniques to advance learners' social and emotional growth. They will create classroom environments to maximize the learning potential of each learner. Additionally, learners will create and enforce classroom rules, establish classroom routines, and model self-discipline for learners. Conflict resolution, positive discipline and behavioral-modification techniques will be emphasized throughout the course.

Curriculum and Instruction for Teaching Professions

Subject Code 350020

Students will develop age-appropriate learning experiences and curriculum to engage children and help them learn. They will determine curricular goals, create lesson plans, and employ grading and assessment strategies to measure targeted learning outcomes. In addition, students will develop online instruction using learning management system platforms.

Educational Assessment

Subject Code: 350015

Students will create and administer assessments to evaluate learners' knowledge and skill development. They will examine types of assessments, align assessments with desired learning goals, and evaluate the quality and effectiveness of assessments. Additionally, learners will utilize assessment data to develop and improve curriculum and instruction that helps the learner. Using assessments as an effective medium for communications between the instructor and the learner will be emphasized throughout the course.

Communities, Schools and Stakeholders

Subject Code: 350225 (Pending)

Students will examine the relationship of families, communities and schools in the growth and development of learners. They will implement strategies to actively involve families and communities in child development and learning, determine community resources and services available to families and schools, and act as advocates for students and learning. Throughout the course, working with socially, culturally, linguistically diverse families will be emphasized.

Education and Training Capstone

Subject Code: 350400

Students apply Education and Training program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships.