

## ASSOCIATE IN APPLIED SCIENCE DEGREES

Manufacturing and Process Engineering Technology Concentration: (12 hrs.)

ENGR 117            Computer Integrated Manufacturing I (3)

ENGR 127            Computer Integrated Manufacturing II (3)

ENGR 217            Instrumentation and Control Automation (3)

ENGR 227            Manufacturing Processes (3)

Note: See “College Success Course Requirement” on Page 8.

TOTAL 64 CREDITS MIN.

ASSOCIATE IN APPLIED SCIENCE

# EARLY CHILDHOOD EDUCATION

(60 hrs. min.)

CIP: 13.1209

This associate in applied science degree facilitates the learning of theory and skills required for working in various settings that serve young children birth through grade three. The degree plan builds upon the Early Childhood Multicultural Education Program Level 1: Entry Level; 2: Letter of Qualification; and 3: Certificate in ECED.

GENERAL EDUCATION REQUIREMENTS: (28 HRS. MIN.)

Communications (9 hrs.)

ENGL 111            Composition and Rhetoric (3)

ENGL 119            Professional Communication (3)

[or]

ENGL 112            Composition and Literature (3)

[or]

ENGL 216            Technical Writing (3)

SPCH 111            Public Speaking (3)

[or]

SPCH 220            Interpersonal Communication (3)

[or]

SPCH 225            Small-Group Communication (3)

[or]

SPCH 235            Intercultural Communication (3)

Humanities (3 hrs.)

Behavioral/Social Sciences (3 hrs.)

## ASSOCIATE IN APPLIED SCIENCE DEGREES

Math (3 hrs. min.)

BSAD 112 Business Math (3)

[or]

MATH 111 Math for Elementary Teachers (3)

[or]

MATH 119 Applications of Mathematics for Nonscience Majors (3)

[or]

MATH 121 College Algebra (4) or higher

Science (4 hrs. min.)

Computers/Technology (4 hrs. min.)

CITC 111 Computers and Technology (4)

[or]

OFTC 111 Business Software Essentials I (4)

Health, Physical Education and Recreation or Dance (2 hrs. min.)

CORE REQUIREMENTS (32 HRS.)

ECED 111 Child, Growth, Development, and Learning (3)

ECED 112 Health, Safety, and Nutrition (2)

ECED 113 Family and Community Collaboration (3)

ECED 114 Assessment of Children and Evaluation of Programs (3)

ECED 218 Guiding Young Children (3)

ECED 215 Professionalism (2)

ECED 216A Curriculum Development and Implementation I (3)

ECED 217A Curriculum Development and Implementation II (3)

ECED 216B Curriculum Development and Implementation Practicum I (2)

ECED 217B Curriculum Development and Implementation Practicum II (2)

ECME 111 Foundations of Early Childhood (3)

READ 211 Introduction to Reading and Literacy Development (3)

Note: See "College Success Course Requirement" on Page 8.

TOTAL 60 CREDITS MIN.