



Education and Training

The Education and Training career cluster focuses on planning, managing, and providing education and training services and related learning support services. All parts of courses are designed to introduce learners to the various careers available within the Education and Training career cluster. This career cluster includes a diverse spectrum of occupations, ranging from teaching assistant, classroom teacher, to school administrator.



Program of Study: Teaching & Training

The Teaching and Training program of study focuses on occupational and educational opportunities associated with careers related to teaching, instructing, and creating instructional and enrichment materials. The program of study includes recognizing a variety of student groups and their corresponding needs, identifying processes for developing curriculum and coordinating educational content, and coaching groups and individuals.

Courses

9 th Grade	Principles of Education and Training
10 th Grade	Child Development Human Growth and Development
11 th Grade	Instructional Practices
12 th Grade	Practicum in Education and Training



Example Postsecondary Opportunities

Apprenticeships

- Teacher Apprentice

Associate Degrees

- Adult and Continuing Education and Teaching
- Educational/Instructional Technology

Bachelor's Degrees

- Elementary Education and Teaching
- Secondary Education and Teaching

Master's, Doctoral, and Professional Degrees

- Educational Leadership and Administration, General
- Curriculum and Instruction

Additional Stackable IBCs/License

- Generalist, Grades EC-4

Work-Based Learning/Expanded Learning Opportunities

Work-Based Learning Activities	<ul style="list-style-type: none"> • Earn industry certification • Intern as a teaching assistant or tutor • Work with Future Panther Educators
Expanded Learning Opportunities	Texas Association of Future Teachers (TAFE)

Aligned Industry-Based Certifications

- Educational Aide I

Example Aligned Occupations

Teaching Assistants, Except Postsecondary

Median Wage: \$29,358
Annual Openings: 13,725
10-Year Growth: 15%

Secondary School Teachers, Except Special Education and CTE

Median Wage: \$64,009
Annual Openings: 8,338
10-Year Growth: 14%

Education Administrators, Kindergarten through Secondary

Median Wage: \$86,768
Annual Openings: 2,734
10-Year Growth: 14%



Teaching & Training Course Information

Level 1

Principles of Education and Training

13014200

Grade: 9-10

Credit: 1

Principles of Education and Training is designed to introduce learners to the various careers available within the Education and Training Career Cluster. Students use self-knowledge as well as educational and career information to analyze various careers within the Education and Training Career Cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

Level 2

Child Development

13024700

Grade: 10-12

Credit: 1

Recommended Prerequisite: Principles of Education and Training OR Principles of Human Services

Child Development is a course that addresses knowledge and skills related to child growth and development from prenatal through school-age children. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

Human Growth and Development

13014300

Grade: 10-12

Credit: 1

Recommended Prerequisite: Principles of Education and Training OR Principles of Human Services

Human Growth and Development is an examination of human development across the lifespan with emphasis on research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

Level 3

Instructional Practices

13014400

Grade: 11-12

Credit: 2

Prerequisite: Principles of Education and Training OR Human Growth and Development OR Child Development

Instructional Practices is a field-based (practicum) internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel.

Level 4

Practicum in Education and Training

13014500

Grade: 12

Credit: 2

Prerequisite: Instructional Practices

Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood, middle childhood, and adolescence education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel.

Industry Based Certification: Educational Aide I