



Education and Training Career Cluster

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.

Statewide Program of Study: Teaching and 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.



Secondary Courses for High School Credit

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| Level 1 | <ul style="list-style-type: none"> Principles of Education and Training Principles of Human Services |
| Level 2 | <ul style="list-style-type: none"> Human Growth and Development Child Development |
| Level 3 | <ul style="list-style-type: none"> Instructional Practices |
| Level 4 | <ul style="list-style-type: none"> Practicum in Education and Training Extended Career Prep for Programs of Study |

Aligned Advanced Academic Courses

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| Dual Credit | Dual credit offerings will vary by local educational agency. |
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Students should be advised to consider these course opportunities to enrich their preparation. AP or IB courses not listed under the Secondary Courses for High School Credit section of this framework document do not count towards concentrator/completer status for this program of study.

Work-Based Learning and Expanded Learning Opportunities

Work-Based Learning Activities

- Serve as a camp counselor to learn mentoring, facilitation, and lesson planning skills
- Volunteer in a tutoring center to learn lesson planning and skills assessment

Expanded Learning Opportunities

- Participate in FCCLA
- Participate in TAFE

Aligned Industry-Based Certifications

- Educational Aide I



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



Example Aligned Occupations

Teaching Assistants, Except Postsecondary

Median Wage: \$28,066
Annual Openings: 10,000
10-Year Growth: 15%

Secondary School Teachers, Except Special Education and CTE

Median Wage: \$61,035
Annual Openings: 8,288
10-Year Growth: 14%

Education Administrators, Kindergarten through Secondary

Median Wage: \$81,976
Annual Openings: 2,676
10-Year Growth: 14%

Data Source: TexasWages, Texas Workforce Commission. Retrieved 3/8/2024.



For more information visit:

<https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/programs-of-study-additional-resources>

COURSE INFORMATION

COURSE NAME	COURSE NUMBER AND CREDITS	PREREQUISITES (PREQ) COREQUISITES (CREQ)	GRADE
Principles of Education and Training	8620 (1 credit)	None	9-10
Human Growth & Development	8621 (1 credit)	Principles of Education and Training	10-11
Instructional Practices	8622 or 8622D1 and 8622D2 (2 credits)	Regular: Human Growth Dual Credit: SWTX requirements	11-12
Practicum in Education and Training	8623 or 8623D1 and 8623D2 (2 credits)	Instructional Practices Dual Credit: SWTX requirements	12
Extended Career Prep for Programs of Study Reg or DC	8607 (3 credits) or 8607DC & D2 (3 credits)	Human Growth DC: SWTX requirements	12

COURSE DESCRIPTIONS

Principles of Education and Training:

Interested in teaching or even being a school administrator or counselor? This course will introduce students to the various career opportunities within the education and training career cluster. Students participate in activities ranging from job shadowing and career exploration to discovering specific characteristics and qualities that a professional needs in the education and training industry. This course gives students an entirely new perspective and appreciation for education as they discover how rewarding careers within this industry can be. Seeking information from their own teachers, principals, and counselors will lead to such insights throughout the semester.

Human Growth and Development:

Human Growth and Development addresses the physical, intellectual, social and emotional changes we go through as we pass through life, from pre-natal development to death. Students taking this course will be allowed to explore, discuss and learn about important developmental psychological principles, and to apply these principles in understanding their own respective growth and development. The study of Human Growth and Development can help us know a person more thoroughly and be able to teach and help others as we work in various education and training settings.

Instructional Practices Regular or DC:

College Credit for DC: EDUC 1301

This is an internship program for students interested in pursuing a career in the field of education. It is a year-long course which involves classroom instruction at Del Rio High School and field site experiences at elementary schools. Students learn to apply knowledge of development and how to teach effectively as they work in classroom settings. Student interns work side by side with a classroom teacher and help with a variety of duties like monitoring children while they work in the classroom, making and creating informative bulletin boards, and supervising and participating in special programs like Music, Art and P.E. Through this experience, student interns learn what it takes to be a teacher in today's classroom!

Practicum in Education and Training Regular or DC:

College Credit for DC: EDUC 2301

This advanced field-based internship class provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. 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.

Extended Career Prep for Programs of Study Reg or DC:

College Credit: BMGT 1382

Students are given the opportunity to work in their program of study while earning high school credit and develop employment experiences, which must be related to the student's current program of study alongside advanced classroom instruction. The goal is to prepare students with a variety of skills to transition from job- to career-mindedness. This course provides a continuing focus on collaborative feedback between the employer, teacher, and student. Students are taught about finding their future careers, keeping, as well as leaving, a job, and how to expound on their employable talents.

Courses in yellow are Level 3 or 4 courses.

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