

Education

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Teacher Certification

The Alternative Licensure Program of the Department of Education makes available foundation and skills courses in education and relevant areas of psychology. These are intended to provide the student with knowledge about professionally accepted teaching methods and practices; the historical background and philosophy of education out of which the practices arose; and the currently validated, psychological knowledge about persons of the age range taught in secondary schools.

The more specific aim of the program is to provide students enrolled in a Bachelor of Science degree program at Tech who aspire to teach in secondary schools with the opportunity to attain certification as school teachers, in accord with the intent and spirit of the State of New Mexico's certification requirements.

Procedures for Admission to Alternative Licensure Program and Application for Certification

In order to be admitted to the Alternative Licensure Program, a student must be enrolled as a student at New Mexico Tech and be in good academic standing. The student must have passed basic skills tests in reading, mathematics, and writing (or have already passed the relevant college-level courses), and must have completed an application for admission form. This form can be obtained from the chairman of the education department.

To qualify for an alternative teaching license, the student must take a specific set of courses in education. Students working toward a bachelor's degree at New Mexico Tech must also complete an approved program in one or more teaching fields and complete certain general requirements beyond the general requirements for the Bachelor of Science degree. Finally, the student must pass state-approved tests in professional education and teaching field(s). Upon successful completion of all required courses and tests, the candidate should obtain an application for New Mexico Licensure, fill out appropriate sections, and forward it, together with official transcripts and state-approved test scores, to the New Mexico State Department of Education.

Specific Requirements for Alternative Certification

- EDUC 323 (2), 340 (2), 343 (3), 401 (3), 403 (2), 411 (6)
- Passing scores on state-approved tests

Note: Requirements for the Master of Science Teaching degree are found on page 114.

Education Courses:

EDUC 323, Child and Adolescent Growth and Development, 2 cr, 2 cl hrs

The development of human behavior from conception through adolescence. Includes cognitive, social, personality, emotional, behavioral and physical development.

EDUC 340, Concepts in Education, 2 cr, 2 cl hrs

Brief survey of the history (especially modern history) of education together with the major philosophical schools of education. The application of general principles of psychology and modern technology to the goals of education.

EDUC 343, Classroom Management and Discipline, 3 cr, 2 cl hrs, 3 lab hrs

Prerequisites: Permission of the instructor, consent of the chairman of the education department, consent of the public school principal.

The purpose and place of education in society. Principles of classroom management and discipline, student and teacher rights and responsibilities. Lab involves study, observation and participation in the public schools. Includes interviewing and evaluation.

EDUC 401, Assessing and Teaching Reading in Content Areas, 3 cr, 3 cl hrs

Prerequisites: Education 340

Concepts, methods and materials for the teaching of reading in the context of the secondary curriculum. Topics include measurement of reading achievement and ability, reading training, motivation for reading, and reading disabilities.

EDUC 403, Methods and Practices of Secondary School Teaching, 2 cr, 2 cl hrs

Must be taken immediately prior to EDUC 411

Prerequisites: Senior standing, enrollment in Alternative Licensure Program and consent of instructor

A study of essential principles, comprehensive lesson planning, teaching procedures, modern techniques, and resource materials.

EDUC 411, Directed Teaching, 6 cr

Prerequisites: Senior standing; enrollment in Alternative Licensure Program; EDUC 403; consent of the chair of the education department, and consent of the public school principal

Methods and materials may be taught by the student's major department prior to supervised teaching. All aspects of teacher training will be integrated and directed for the purpose of developing a high level of teaching competence.