

Room 105. Students should have their degree plans updated the term/semester before their internship in Matthews Hall, Room 105.

Graduate Degrees

The program offers a Master of Science degree with a major in recreation and leisure studies with two interest areas: program management and therapeutic recreation. Both thesis and non-thesis options are available. Consult the *Graduate Catalog* for information.

Scholarships

The Don C. Bailey, Sue Delmark, Marian C. Keller, Rita Pilkey and Julia Wakeley Scholarships are awarded annually on a competitive basis to undergraduate and graduate majors in the program. The Paramount Pictures KHPR and Delta Psi Kappa Beulah A. Harriss scholarships also are available. Information and applications are available in the departmental office and on the departmental web site (www.coe.unt.edu/khpr).

Courses of Instruction

All Courses of Instruction are located in one section at the back of this catalog.

Course and Subject Guide

The “Course and Subject Guide,” found in the Courses of Instruction section of this book, serves as a table of contents and provides quick access to subject areas and prefixes.

Department of Learning Technologies

Main Office
Matthews Hall, Room 316
P.O. Box 310530
Denton, TX 76203-0530
940-565-2057
Fax: 940-565-4194

Web site: www.lt.unt.edu

Jeff Allen, Interim Chair

Faculty

Professors Ditzenberger, Knezek, Norris, Poirot, J. Wircenski, M. Wircenski. *Associate Professors* Allen, Ennis-Cole. *Assistant Professors* Jones, Li, Lin, Warren.

Programs of Study

The Department of Learning Technologies offers undergraduate and graduate programs in the following areas:

- Bachelor of Applied Arts and Sciences with a major in applied technology and performance improvement;
- Master of Science,
- Master of Education,
- Doctor of Philosophy, and
- Doctor of Education, all with a major in applied technology and performance improvement;
- Master of Science with a major in computer education and cognitive systems;
- Doctor of Philosophy with a major in educational computing.

Several research centers are affiliated with the learning technologies department:

The Texas Center for Educational Technology (TCET) is designed to promote research and development collaboration among universities, school districts, the Education Service Centers and the technology industry for the purpose of integrating the use of technology into Texas schools. Educational technology information and products are disseminated statewide via monthly publications transmitted in print and electronically. Research projects focusing on technology development, use and quality are supported.

The Institute for the Integration of Technology into Teaching and Learning (IITTL) was created to advance research on the impact of technology in a variety of learning environments. The center focuses on building and supporting technology intensive education; increasing student achievement, attitude and self-efficacy with technology tools; studying the adoption and diffusion issues relative to technology; enhancing teacher technology knowledge and use; modeling effective instructional strategies; and examining best practices for promoting student and administrator proficiency with technology.

Applied Technology, Training and Development

Web site: www.lt.unt.edu

The undergraduate program of study prepares students for careers in education, business, industry, and government and leads to a Bachelor of Applied Arts and Sciences with a major in applied technology and performance improvement.

Students may select programs of study in either teaching or non-teaching career interest areas.

Students planning teaching careers in career technology education may complete the program of study for the Bachelor of Applied Arts and Sciences with an emphasis in one of four certification areas. The four career and technology education certification programs are Health Science Technology Education, Marketing Education, Business Education, and Trade and Industrial Education. The non-teaching career interest offers occupational instruction in performance improvement, general technology, and interdisciplinary studies. It is appropriate for students who desire to complete a baccalaureate degree after completing an occupational specialization program in a community college or four-year institution. It provides an interdisciplinary undergraduate degree for students who were enrolled in or who have graduated from an applied technology program.

Bachelor of Applied Arts and Sciences with a Major in Applied Technology and Performance Improvement

Non-Teaching Career Interest

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 hours must be advanced, and fulfillment of degree requirements for the Bachelor of Applied Arts and Sciences degree as specified in the “General

University Requirements” in the Academics section of this catalog and the College of Education requirements.

2. Major Requirements:

Occupational Specialization: 36 hours may be completed in an applied technology program at a community college or in occupational training and development courses at the university level. Students should contact an advisor in the applied technology and performance improvement program to determine the 36 semester hours of course work needed to complete the occupational specialization section of the degree audit.

Professional Development: 42 semester hours of 3000- and 4000-level courses from within the professional development section of the degree audit (to be determined in consultation with an advisor), which must include the following 30 semester hours:

- LTEC 3010, Personal Development
- LTEC 4070, Principles of Leadership, Empowerment and Team Building
- LTEC 4100, Principles of Training and Development
- LTEC 4121, Technical Presentation Skills
- LTEC 4160, Advanced Computer Applications in Education and Training
- LTEC 4300, Computer Applications in Education and Training
- LTEC 4440, Advanced Instructional Strategies
- LTEC 4470, Human Relations in Business, Education and Industry
- LTEC 4510, Communications in Business, Education and Industry
- LTEC 4741, Applied Technology and Performance Improvement Capstone

3. **Minor Requirements:** A minor is not required for this degree.

4. **Other Course Requirements:** None.

5. **Electives:** See individual degree audit.

6. **Other Requirements:** A minimum overall GPA (all UNT and transferred courses) of 2.50 is required for graduation.

Students are encouraged to see their advisors each term/semester for help with program decisions and enrollment.

Teaching Career Interest–Applied Technology

1. **Hours Required and General/College Requirements:** A minimum of 120 semester hours, of which 42 must be advanced, and fulfillment of degree requirements for the Bachelor of Applied Arts and Sciences degree as specified in the “General University Requirements” in the Academics section of this catalog and the College of Education requirements.

2. Major Requirements:

Occupational Specialization: 36 hours may be completed in an applied technology program at a community college or in occupational training and development courses at the university level. Students should contact an advisor in the applied technology and performance improvement program to determine the 36 semester hours of course work needed to complete the occupational specialization section of the degree audit.

Professional Development: 42 semester hours of 3000- and 4000-level courses from within the professional development section of the degree audit (to be determined in consultation with an advisor), which must include the following 27 semester hours:

- LTEC 3010, Personal Development
- LTEC 4070, Principles of Leadership, Empowerment and Team Building
- LTEC 4120, Instructional Strategies in Career and Technical Education
- LTEC 4160, Advanced Computer Applications in Education and Training
- LTEC 4300, Computer Applications in Education and Training
- LTEC 4440, Advanced Instructional Strategies
- LTEC 4470, Human Relations in Business, Education and Industry
- LTEC 4510, Communications in Business, Education and Industry
- LTEC 4741, Applied Technology and Performance Improvement Capstone

3. **Other Course Requirements:** PSCI 1040; a minimum of 42 hours of advanced work (3000- or 4000-level courses) selected in consultation with a faculty advisor to enhance professional development.

BAAS students in applied technology and performance improvement may complete course work requirements for career and technology education, teacher certification in marketing education, or trade and industrial education. To fulfill the certification requirements, students must complete the required number of courses for the certificate, the number of hours of work experience required for the certificate, pass the reading (230) and writing (220) portions of the THEA, and teach at least two years on an emergency teaching certificate in an approved applied technology education program at the secondary school level (grades 8–12).

Students who plan to obtain teacher certification in any of the applied technology certification programs should contact a faculty advisor in the department before taking any course work to ensure that they have the necessary qualifications to complete the career and technology education teacher certification program and to complete the required statement of qualifications form to be filed with the

Student Advising Office in the College of Education (Matthews Hall, Room 105).

Marketing Education Certification

- LTEC 4120, Instructional Strategies in Career and Technical Education
- LTEC 4140, Work-Based Learning in Career and Technical Education
- LTEC 4435, History and Principles of Applied Technology
- MKTG 3650, Foundations of Marketing Practice
- MKTG 4600, Retailing

Trade and Industrial Education Certification

- LTEC 4110, Instructional Design in Career and Technical Education
- LTEC 4120, Instructional Strategies in Career and Technical Education
- LTEC 4130, Professional Responsibilities and Management in Career and Technical Education
- LTEC 4140, Work-Based Learning in Career and Technical Education
- LTEC 4740, Instructional Internship in Applied Technology and Training (6 hours)

4. **Minor:** A minor is not required for this degree.

5. **Electives:** See individual degree audit.

6. **Other Requirements:** A minimum overall GPA (all UNT and transferred courses) of 2.50 is required for graduation.

Students are encouraged to see their advisor each term/semester for help with program decisions and enrollment.

Computer Education and Cognitive Systems

Web site: www.lt.unt.edu

The program in computer education and cognitive systems offers a minor in computer education, as well as a number of elective and service courses designed to enhance the preparation of classroom teachers and corporate professionals by providing opportunities for them to learn about and integrate technology.

Certifications are under revision by the State Board for Educator Certification. Students should consult the department for current information.

Minor in Computer Education

A minor in computer education requires 18 semester hours. Nine of these must be in computer education and cognitive systems: LTEC 2100, 3220 and 3260. The remaining 9 hours must be advanced computing courses at the 3000 or 4000 level; these may be taken in LTEC or another discipline at UNT. LTEC 1100 does not count toward the minor concentration.

Degree Audit

All students should have an approved degree audit on file in the College of Education Student Advising Office, Matthews Hall, Room 105, as early as possible, but not later than the beginning of the final 30 hours of courses. A degree audit worksheet is completed by the student's faculty advisor and the student. The worksheet is signed by the department chair and submitted to the College of Education Student Advising Office, where the official degree audit is completed for the student.

Graduate Programs

The Department of Learning Technologies offers a comprehensive curriculum for teacher training, career investigation, administrator preparation, and training and development through the following programs of study:

- Master of Education,
- Master of Science,
- Doctor of Education, and
- Doctor of Philosophy, all with majors in applied technology and performance improvement;
- Master of Science with a major in computer education and cognitive systems;
- Doctor of Philosophy with a major in educational computing.

Students interested in graduate studies should consult the *Graduate Catalog*.

Graduate Academic Certificates

The department offers the following graduate academic certificates: advanced corporate training and corporate training.

For further information on certification, consult the *Graduate Catalog*.

Graduate Applied Technology Certification Programs

The department offers applied technology certification programs in the following areas: administration and supervision, career investigation, office education, job placement, marketing education, trade and industrial education, and health science technology.

For further information on certification, consult the *Graduate Catalog*.

Courses of Instruction

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Course and Subject Guide

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as a table of contents and provides quick access to subject areas and prefixes.

Department of Teacher Education and Administration

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Curriculum and Instruction
Reading Education
Matthews Hall, Room 218
940-565-2922

Elementary Education
Secondary Education
Matthews Hall, Room 204
940-565-2826

Educational Administration
Matthews Hall, Room 218
940-565-2175

Leslie Patterson, Interim Chair

Faculty

Professors Camp, Contreras, Fossey, Harris, Kemerer, Laney, Morrison, Patterson, Wilhelm. *Associate Professors* Adkison, Crocker, Day, Esprivalo Harrell, Fox, Hudson, Huffman, Leavell, Mathis, Milson, Mohr, Tunks, van Tassell, Wickstrom. *Assistant Professors* Byrd, Easton-Brooks, Eddy, King, Patchen, Perez, Silva. *Lecturers* Allen, Azua, Blanchard, Boyd, Brooks, Guevara, Hagen, Johnson, Shause, Stromberg, Trujillo-Jenks.

Introduction

The Department of Teacher Education and Administration offers undergraduate and graduate programs to develop highly competent teachers, school administrators and others who wish to provide educational leadership to organizations. Effective instruction, curriculum development and evaluation are emphasized in all programs. Students use current theory and research to make decisions