Instructional Technology
Master of Science (MS) Degree

Designed for:
Graduate students who desire a degree in Instructional Technology. The three tracks for the program are: (1) Instructional Technology Director, (2) a Media Coordinator, or (3) Business and Industry.

Program Description
The Department of Curriculum and Instruction at North Carolina A&T State University engages Instructional Technology majors in challenging academic coursework where they acquire knowledge of various forms of 21st century technologies and develop the skills to integrate these tools into different instructional environments. In Phase I of the program, Instructional Technology candidates complete academic coursework in the areas of instructional design, research and inquiry, and general teaching methods. In Phase II of the program, Instructional Technology candidates complete coursework in assistive technology, multimedia and evaluation, designing online courses, and advanced internet use in education.

Admission to the Graduate Instructional Technology Program
Graduate students who desire to attain a degree in Elementary Education must meet specific requirements to gain admission to the School of Graduate Studies at North Carolina A&T State University. Some of these requirements are as follows:

Instructional Technology Director and Media Coordinator Track Requirements
- A cumulative grade point average (GPA) of 2.80 or higher from an accredited four-year institution of higher learning
- A current valid teaching license
- Satisfactory GRE Scores
- Criminal Background Check
- Letters of Recommendation

Business and Industry Track Requirements
- A cumulative grade point average (GPA) of 2.80 or higher from an accredited four-year institution of higher learning
- Satisfactory GRE Scores
- Letters of Recommendation

Program Standards
Instructional Technology candidates meet all required standards and competencies through the completion of Electronic Evidences aligned with state and professional standards. Throughout the program, candidates must complete an electronic portfolio in TaskStream (www.taskstream.com), and each Electronic Evidence produced must be evaluated at a level of proficiency.

Student Learning Outcomes
Candidates who complete the Master of Science (MS) in Instructional Technology program at North Carolina A&T State University will achieve the following outcomes:

- Students completing the Master of Science in Instructional Technology program will exhibit effective communication skills (written, oral, graphic and interpersonal) appropriate for elementary teacher leaders with advanced certification(s).

- Students completing the Master of Science in Instructional Technology program will effectively use quantitative and/or qualitative problem solving skills appropriate for elementary teacher leaders with advanced certification(s).

- Students completing the Master of Science in Instructional Technology program will demonstrate a level of expertise (knowledge, skills, and professionalism) appropriate for elementary teacher leaders with advanced certification(s).

- Students completing the Master of Science in Instructional Technology program will demonstrate ability to engage productively in the review and conduct of disciplinary research and creative professional activity appropriate for elementary teacher leaders with advanced certification(s).

Recommendation for Licensure Requirements
To receive a recommendation for a North Carolina license in Instructional Technology Director or Media Coordinator, candidates must satisfy the following requirements:

- Cumulative grade point average (GPA) of 3.00 or higher
- Successful completion of an Instructional Technology Special Project
- Proficiency scored on Electronic Evidences in TaskStream Portfolio
- Application for licensure processed through the Office of the Dean

Contact Information
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Master of Science Instructional Technology

Admission Requirements:
- Bachelor of Science (BS) or Bachelor of Arts (BA) degree from a Regionally Accredited College or University
- 2.80 or higher Grade Point Average from the undergraduate degree-granting institution
- GRE scores
- Criminal Background from County of Residency
- Pre-requisite Courses (Special Education and Computers in Education – if needed)
- Completed Graduate School Application
  - Clear North Carolina Teaching License (for Track A and Track B only)
  - Application and Fee
  - Official Transcripts from all colleges and/universities attended
  - Letters of Reference and/or Reference Forms

Additional Information
- NC A&T website - www.ncat.edu
- School of Graduate Studies website - http://www.ncat.edu/academics/schools-colleges1/grad/index.html
- Application - https://aggieadmissions.ncat.edu/undergraduateadmissions/default.asp
- Distance Learning - http://www.ncat.edu/academics/distance-learning/   E-mail: distance@ncat.edu Phone: (336) 256-0355
- Student Financial Aid - http://www.ncat.edu/admissions/financial-aid/   E-mail: finaid@ncat.edu   Phone: (336) 334-7973
- Graduate Record Examination (GRE) website: http://www.ets.org/gre/

Plan of Study – Track A: Instructional Technology Media Coordinator (076)

Course Prefix, Number and Title	Credits	Term
INST 680 – Cataloging and Media Materials	3	
CUIN 711 – Research and Inquiry	3	
INST 700 – Instructional Design	3	
INST 702 – General Teaching and Assessment Methods	3	
INST 703 – Leadership and Management	3	
INST 721 – Multimedia Development	3	
INST 722 – Advanced Internet Uses in Education	3	
INST 723 – Media and Technology in the Schools	3	
INST 735 – Assistive Technology and Diverse Learners	3	
INST 613 – Developmental Media OR INST 614 – Book Selection and Related Materials for Young People OR ENGL 626 – Children's Literature OR ENGL 627 – Literature for Adolescents	3	
INST 788 – Comprehensive Examination	0	
ELED 798 – Internship in Instructional Technology	3	
TOTAL PROGRAM HOURS	**33**	

PROGRAM BENCHMARKS MET

	STATUS OF BENCHMARK	
Maintain 3.0 GPA	☐ Maintained	☐ Not Maintained
Special Project Requirement	☐ Passed	☐ Not Passed
Evidence #1 at Proficient Level	☐ Proficient	☐ Not Proficient
Evidence #2 at Proficient Level	☐ Proficient	☐ Not Proficient

Plan of Study – Track B: Instructional Technology Director (077)

Course Prefix, Number and Title	Credits	Term
CUIN 711 – Research and Inquiry	3	
INST 700 – Instructional Design	3	
INST 702 – General Teaching and Assessment Methods	3	
INST 703 – Leadership and Management	3	
INST 721 – Multimedia Development and Evaluation	3	
INST 722 – Advanced Internet Uses in Education	3	
INST 723 – Media and Technology in the Schools	3	
INST 735 – Assistive Technology and Diverse Learners	3	
INST 752 – Designing Courses for Online Delivery	3	
INST 788 – Comprehensive Examination	0	
ELED 798 – Internship in Instructional Technology	3	
Elective Course (any approved graduate-level course in consultation with academic advisor)	3	
TOTAL PROGRAM HOURS	**33**	

PROGRAM BENCHMARKS MET

	STATUS OF BENCHMARK	
Maintain 3.0 GPA	☐ Maintained	☐ Not Maintained
Special Project Requirement	☐ Passed	☐ Not Passed
Evidence #1 at Proficient Level	☐ Proficient	☐ Not Proficient
Evidence #2 at Proficient Level	☐ Proficient	☐ Not Proficient

Plan of Study – Track C: Business and Industry

Course Prefix, Number and Title	Credits	Term
CUIN 711 – Research and Inquiry	3	
INST 700 – Instructional Design	3	
INST 702 – General Teaching and Assessment Methods	3	
INST 703 – Leadership and Management	3	
INST 705 – Instructional Technology Services to Business and Industry	3	
INST 721 – Multimedia Development and Evaluation	3	
INST 722 – Advanced Internet Uses in Education	3	
INST 735 – Assistive Technology and Diverse Learners	3	
INST 752 – Designing Courses for Online Delivery	3	
INST 788 – Comprehensive Examination	0	
ELED 798 – Internship in Instructional Technology	3	
Elective Course (any approved graduate-level course in consultation with academic advisor)	3	
TOTAL PROGRAM HOURS	**33**	

PROGRAM BENCHMARKS MET

	STATUS OF BENCHMARK	
Maintain 3.0 GPA	☐ Maintained	☐ Not Maintained
Special Project Requirement	☐ Passed	☐ Not Passed
Evidence #1 at Proficient Level	☐ Proficient	☐ Not Proficient
Evidence #2 at Proficient Level	☐ Proficient	☐ Not Proficient