



COLLEGE OF EDUCATION

Teaching, Learning, and Technology Program

MASTER OF SCIENCE (M.S.) IN INSTRUCTIONAL TECHNOLOGY

(30 credits)

The 30-credit Master of Science in Instructional Technology program focuses on the planning and use of instructional technology in PreK-12, post-secondary settings, and informal learning environments (such as museums and science centers). The program is targeted toward individuals from varied backgrounds who wish to help educators or learn themselves to design, develop, and incorporate technology applications more effectively in diverse educational settings. This is an appropriate degree for those who teach in the classroom and online, technology specialists, informal educators, and others interested in effectively using information and communications technologies to enhance instruction.

The program is designed to help develop skills that can be used to create new curriculum and learning activities to meet the demands of a changing technological society and the needs of new generations of students. As such, graduates may be designing online courses, enhance existing curriculum with emerging technologies, or may work as technology specialists, assisting with the integration of technology in academic and informal learning environments. The Instructional Technology program is intended for both current professionals in the education field as well as those who are seeking an advanced degree to upgrade their skills and knowledge base related to technology.

College Core Requirements (3 credits)

Educ 471	Diversity and Multicultural Perspectives	3
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Program Core Requirements (15 credits)

TLT 401	Overview of Teaching and Learning	3
TLT 403	Instructional Design	3
TLT 458	Introduction to Multimedia Programming and Resource Development for Learning	3
TLT 460	Advanced Multimedia Programming and Resource Development for Learning	3
TLT 476	Assessment of Instructional Technologies	3

Electives (pick 4 for 12 credits)

TLT 367	Environmental Education	3
TLT 368	Teaching and Learning with Geospatial Tools	3
TLT 450	Introduction to Learning Analytics	3
TLT 451	Data Visualization	3
TLT 462	Special Topics in Development of Instructional Resources and Technologies for Learning	1-3
TLT 465	Design Thinking for Learning	3
TLT 470	Technology for Teaching and Learning	3
TLT 472	Online Teaching and Learning	3
TLT 474	Large-scale Planning and Implementation of Educational Technology	3
TLT 480	Curriculum Theory and Design	3
EDUC 493	Internship in: (with subtitle)	1-6

Other electives as approved by advisor

To learn more about the program

Visit [Instructional Technology](#)

<http://coe.lehigh.edu/academics/degrees/msit>

Contact the TLT Program Director

TLTProgram@Lehigh.edu

<http://coe.lehigh.edu/academics/degrees/msit/contact>

Admission Requirements & Deadlines

See: [Apply for Admission](#)

<http://coe.lehigh.edu/admissions/apply>

Clearances

See [Office of Teacher Certification \(OTC\)](#) <http://coe.lehigh.edu/otc/overview>

Non-Discrimination Statement

Lehigh University upholds *The Principles of Our Equitable Community* and is committed to providing an educational, working, co-curricular, social, and living environment for all students, staff, faculty, trustees, contract workers, and visitors that is free from harassment and discrimination on the basis of age, color, disability, gender identity or expression, genetic information, marital or familial status, national or ethnic origin, race, religion, sex, sexual orientation, or veteran status. Such harassment or discrimination is unacceptable behavior and will not be tolerated.

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