

Educational Specialist in Technology Leadership (EdS TL) Program Description

Technology is integral to all teaching and learning in this global age. Technology leaders apply processes and tools to provide for professional development experiences for professional educators. The Educational Specialist in Technology Leadership (Ed.S. - TL) program is designed to prepare and support candidates for educational technology leadership at multiple levels: from the local school to the broader national and global contexts.

Candidates who pursue the Educational Specialist in Technology Leadership (Ed.S. - TL) degree focus on leadership in building technology embedded learning communities and workplaces. They acquire knowledge, skills and competencies for building, facilitating and supporting technology-rich learning environments. Their experiences involve planning professional development experiences, managing facilities and organizing human and technical resources for evidence based technology integration.

Goals of the Educational Specialist in Technology Leadership (EDS TL) Degree

Students completing the Educational Specialist in Technology Leadership (EDS TL) degree will be able to:

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- demonstrate and model continuous growth and development of the understanding of technology operations and concepts. [TF-I]
- plan, design, and model effective learning environments, curriculum plans, authentic learning experiences and assessment / evaluation strategies that are consistent with current research and supported by technology [TF-II, III, IV]
- contribute to personal productivity, professional development, and the building of a learning communities with a shared vision for campus or institutional integration of technology [TF-II, V, VIII]
- understand and model the social, ethical, legal, and human issues in the ethical use of technology in schools and society [TF-VI]
- promote the development and implementation of technology infrastructure, procedures, policies, plans, and budgets for schools and other learning environments. [TF-VII]

Requirements:

EDUCATIONAL SPECIALIST IN TECHNOLOGY LEADERSHIP (EDS TL)	
Course Categories	Courses
Leadership Core (9 hours)	EDTC 6022 – Designing Accessible Learning Communities (3 hours) * EDTC 6460 – Foundations of Educational Technology Leadership (3 hours)* EDTC 6465 - Design of Technology Supported Learning Environments (3 hours)*
Technology Core (11 hours)	EDTC 6300 - Technology Project Management (3 hours)* EDTC 5250 - Programming for Educators I (2 hours) EDTC 5255 - Programming for Educators II (2 hours) EDTC 5720 - Computer Networks (2 hours) EDTC 5730 - Technology Environment Management (2 hours)
Field Component (2 hours) (choose 2 from the list)	EDTC 6461 - Design of Technology Supported Learning Environments Internship (1 hour) EDTC 6301 - Technology Project Management Internship (1 hour) EDTC 6136 - Designing Accessible Learning Communities Internship (1 hour)
Electives (9 hours) (choose any 3 from list)	EDTC 5332 - Computer Information Systems EDTC 5338 - Evaluating Emerging Technologies EDTC 5340 - Modeling Data to Enhance Instruction EDTC 5632 - Databases for Decision Making EDTC 5637 - Systemic Change Theory & Technology EDTC 5740 - Planning Educational Technology Facilities EDTC 5900 - Technology, Ethics & Society
Research (4 hours)	EDTC 6240 - Educational Statistics EDTC 6245 - Research Design
Final Courses (3 hours)	EDTC 6995 - Final Program Survey EDTC 6996 – Content Performance Portfolio
TOTAL HOURS	44

* Key Assessment Courses