Educational Technology Leadership (EdS)

This program is offered by the School of Education, and is only available online.

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 education specialist in educational technology leadership program is designed to prepare and support candidates for educational technology leadership at multiple levels.

Candidates who pursue the educational specialist in technology leadership 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.

Learning Outcomes
Learners completing the education specialist in technology leadership degree will be able to:

- 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]

General Requirements
The EdS in educational technology leadership degree-seeking student should consult the Admission, Enrollment, and Academic Policies sections for policies regarding application, admission, registration and the academic policies of Webster University. Academic policies or exceptions to policies applicable to EdS students are noted under their respective general academic policies.

Prerequisites
For those students who do not have a master's degree in educational technology, the following prerequisites need to be met prior to taking the required courses for the EdS in educational technology leadership.

- EDTC 5460 Curriculum Design Technology Apps (3 hours)
- EDTC 5465 Instructional Design (2 hours)
- EDTC 5900 Technology, Ethics, and Society (3 hours)

Choose one of the following two:
- EDTC 5745 Instructional Technology Planning and Management (2 hours)

- EDTC 5032 Introduction to Assessment Using Technology (2 hours)

Note: Program prerequisites are to be completed before beginning coursework for the EdS in educational technology leadership for those students who have not completed prerequisite courses (or an appropriate equivalent) within five years of entering the program and having earned a grade of B or better.

If the appropriate requisite course content was completed more than five years prior to entering the program, the department will allow a waiver if the student demonstrates command of the content area by successfully completing a waiver examination. Prerequisite courses may not count as electives in the 38-credit-hour EdS in educational technology leadership.

Required Courses
Students pursuing the educational specialist in technology leadership are required to complete 38 credit hours. All majors take the following required courses:

Leadership Courses (9 hours)
- EDTC 6465 Design of Technology Supported Learning Environments (3 hours)
- EDTC 6460 Foundations of Educational Technology Leadership (3 hours)
- EDTC 6022 Designing Accessible Learning Communities (3 hours)

Technological Core Courses (11 hours)
- EDTC 6300 Technology Project Management (3 hours)
- EDTC 5250 Coding for Learners (2 hours)
- EDTC 5255 Physical and Virtual World Coding (2 hours)
- EDTC 5720 Computer Networks (2 hours)
- EDTC 5730 Technical Environment Management (2 hours)

Field Courses (2 hours - choose two)
- 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)

Educational Technology Electives (9 hours)
- EDTC 5332 Computers and Information Systems (3 hours)
- EDTC 5338 Evaluating Emerging Technologies (3 hours)
- EDTC 5340 Modeling Data to Enhance Instruction (3 hours)
- EDTC 5632 Databases for Decision Making (3 hours)
- EDTC 5637 Systemic Change Theory & Technology (3 hours)
- EDTC 5740 Designing Educational Technology Facilities for Educators (3 hours)
- EDTC 5747 Professional Development in Educational Technologies (3 hours)
- EDTC 5900 Technology, Ethics, and Society (3 hours)

Research (7 hours)
- EDTC 6240 Educational Statistics (2 hours)
- EDTC 6245 Research Design (2 hours)
- EDTC 6996 Content Performance Portfolio (3 hours)

Final Program Survey (0 hours)
- EDTC 6995 Final Program Survey (0 hours)
Admission
Students who are interested in applying to this degree program should also see the Admission section of this catalog for general requirements.

Admission Requirements
Applicants to the EdS program are accepted each term. The applicant will submit the following credentials, along with completing an interview with the Educational Technology coordinator:

- Completion of a master’s degree in educational technology or a related field.
- Superior academic ability at the graduate level with at least a 3.0 GPA.
- Official transcripts of previous undergraduate and graduate coursework.
- A current résumé.
- At least three letters of recommendation from faculty and/or associates.
- An essay entitled, “Why are you interested in the EdS in educational technology leadership degree?”

Send all admissions materials to:
Office of Admission
Webster University
470 E. Lockwood Ave.
St. Louis, MO 63119

Completed application files will be reviewed by the Graduate Department of Education.

Transfer of Credit
Students may transfer no more than six (6) hours of graduate coursework from another accredited institution of higher learning with approval from the coordinator. In-service credit is not allowed for the EdS in educational technology leadership degree. The transfer credit is allowed to be applied only toward the elective requirements.

Advancement to Candidacy
Upon successful completion of 12 credit hours within the EdS in educational technology leadership, all degree-seeking students are automatically advanced to candidacy.

Policies and Procedures
The student should consult the Academic Policies section of the catalog for Webster University policies regarding course attendance, conduct, grades, academic warning, probation, dismissal, transcripts and diploma. Procedures for registration and drop, add and withdrawal from a course are outlined in the Enrollment section of this catalog.