The following list is a minimum requirement for entering the online certificate programs.

- Personal computer with updated operating system (within the past 3 years) – Macintosh or Windows
- High-speed Internet connectivity
- Ability to install and update software on personal computer
- Digital camera (still and video)
- Webcam and headset with microphone
- Current subscriptions to Adobe Creative Cloud

Purchasing these materials is a good investment, not only for completion of your graduate studies, but also for your future as an educational technology professional.
Candidates will demonstrate the knowledge, skills and dispositions to:

- Apply foundational knowledge and skills to collaborative, authentic and diverse projects.
- Create conditions for learning by applying theories to authentic scenarios involving diverse populations.
- Use modern technologies to design and develop learning materials, media and environments for knowledge transfer.
- Design and develop a strategic vision and plan for the implementation, management and evaluation of educational technologies, programs and systems.
- Use quantitative and qualitative methods of inquiry to make data-driven decisions that inform practice in the discipline.
- Initiate, lead, facilitate and advocate for positive change and innovation.
- Engage in, and reflect upon your own professional development, dispositions and growth in the discipline.
- Analyze, develop and evaluate professional development programs and initiatives that advance learner knowledge.
- Engage in ethical reasoning and decision-making by applying frameworks, policies and standards of ethical practice.

### Curriculum

#### Educational Technology (12hrs)

**Fall**
- LTLE 560. Foundations of Educational Technology
- LTLE 570. Design & Development of Digital Media

**Spring**
- EDUC 641. Learning Theory & Instructional Models
- LTLE 610. Principles of Instructional Design

#### eLearning (12/15hrs)

**Fall**
- LTLE 570. Design & Development of Digital Media
- EDUC 641. Learning Theory & Instructional Models

**Spring**
- LTLE 610. Principles of Instructional Design

**Summer**
- LTLE 650. eLearning Design

#### Educational Technology Leadership (12hrs)

**Fall**
- LTLE 560. Foundations of Educational Technology
- LTLE 570. Design & Development of Digital Media
- LTLE 622. Professional Development in Educational Technology

**Spring**
- LTLE 565. Educational Technology Management

For a full description of each certificate visit: www.jmu.edu/coe/ltle/academic-programs/edtechcertificates.shtml

These online certificate programs align with the Association for Educational Communications and Technology (AECT) professional standards, as well as professional standards published by the International Society for Technology in Education (ISTE).

### Careers

Our program is ideal for individuals from any background who seek employment where teaching and learning with technology is valued.

Graduates pursue the M. Ed in Educational Technology after completing coursework in a certificate, as well as jobs in K12, higher education, business, industry, government and consulting. Potential careers include but are not limited to Instructional Designer, Instructional Technologist, Instructional Technology Resource Teacher, Technology Coordinator, Coordinator/Director of Online Learning or eLearning, Multimedia Specialist, and Project Manager.

In addition to jobs in the education sector, businesses like The Boeing Company, General Dynamics, Raytheon, Capital One, and Amerigroup are also seeking candidates with these skills.*

*Data for this analysis has been extracted using Burning Glass Technologies, Labor/Insight™ tool that collects information from over 21,000 web sources, including job boards, newspapers, large and small employer websites.

All certificates are offered entirely online to meet your busy schedule. Credits earned may be transferred directly into the Master’s of Education in Educational Technology degree program.

### Rigor

Our program offers online access to a meaningful graduate education at a reputable institution. The university holds SACS accreditation and the College of Education holds CAEP accreditation. We are an institutional member of the Sloan Consortium, and the Southern Regional Education Board (SREB). These organizations promote high quality online courses and degree programs, and increased access for learners.