

Master of Education (MEd) Concentration in Instructional Design and Education Technology



The role of instructors, instructional designers, and curriculum developers has changed dramatically over the last several years. A key component in today's educational environments is e-learning, and confidence in the use and incorporation of education technologies is essential to ensuring that educational programs help learners understand abstract concepts, solve problems, work as effective team members, and develop critical-thinking skills.

AIU's Master of Education degree with a concentration in Instructional Design and Education Technology is designed to instruct candidates to apply research and analysis skills and leverage innovative technology to create and implement educational solutions that can enhance learning and engagement in different settings and on various platforms. The program surveys learning models, their theories, and their impact on platforms found in K-12 and corporate and higher education organizations. Candidates can study to create traditional, hybrid, computer-mediated, and online learning solutions.

CURRICULUM INCLUDES

The courses in the MEd with a concentration in Instructional Design and Education Technology is designed to provide an industry-aligned, hands-on experience for candidates looking to prepare to pursue a career focusing on the inclusion of education technology tools in instructional design. The curriculum emphasizes the practical implications of cognitive science, learning theories, and e-learning best practices while offering engagement with innovative tools and real-world design implementation, such as:

Integrative Design and Effective Curricula: examines curricula development for education as well as workplace learning and development. Comparison of evaluation design, curriculum design, and instructional design assists in aligning curriculum and instruction with foundational learning theories. Focus is placed on creating learning objectives, assessing curriculum, designing instructional solutions, and integrating instructional technology.

Learning Environments and Instructional Media: applies instructional design system, theory, and practice to a face-to-face learning environment, including instructional media selection and incorporation. Candidates may engage with an instructional design model to create learning solutions and evaluate instructional media aligning for diversity, equity, and inclusion.

Computer Mediated Learning and Technology Selection: focuses on the creation of computer-based instructional materials that include problem definition, learner analysis, objectives specification, criterion tests, construction, strategies selection, formative validation, and evaluation. Attention is given to ethical and regulatory issues regarding the appropriate selection and use of technology solutions and copyrighted material.

Online/Web-Based/E-Learning Design and Development: explores the organization, development, and delivery of distance learning programs, as well as course logistics, technology applications, and student management systems. An electronic portfolio of candidates' work is built throughout the course.

* Transfer credits are evaluated on an individual basis. Not all credits are eligible to transfer. See the University Catalog for transfer credit policies.

WHY AIU?

AIU offers a streamlined, real-world curriculum and flexibility designed to help you schedule school around your life, not the other way around.

To accommodate busy lives, we offer full- and part-time program options and transfer-in credit* for eligible college, work and military experience, which could cut down on the time it takes to earn a degree.

American InterContinental University™ is part of the American InterContinental University System, which is accredited by the Higher Learning Commission (hlcommission.org), a regional accreditation agency recognized by the U.S. Department of Education.



AIUniv.edu

American InterContinental University's Master of Education degree is not designed to meet state educator licensing or advancement requirements; however, it may assist candidates in gaining these approvals in their state of residence depending on those requirements. Contact the state board of education in the applicable state(s) for details.

Master of Education (MEd)

Concentration in Instructional Design and Education Technology

The Master of Education program with a Concentration in Instructional Design and Education Technology can help candidates get hands-on experience with industry-authentic tools to develop career-relevant knowledge and skills.

ACCREDITATION & AFFILIATIONS

American InterContinental University is a member in good standing of the Association for Advancing Quality in Educator Preparation (AAQEP). The Master of Education program has been awarded full accreditation by AAQEP through June 30, 2026. AAQEP is a membership association and quality assurance agency that provides accreditation services and formative support to all types of educator preparation providers. AAQEP is nationally recognized by the Council for Higher Education Accreditation (CHEA).

AIU is a proud member of the American Association of Colleges for Teacher Education (AACTE), a leading voice on educator preparation. AACTE represents postsecondary institutions with educator preparation programs dedicated to high-quality, evidence-based preparation that assures educators are ready to teach all learners.

INDUSTRY-FOCUSED CURRICULUM

The specialized curriculum in AIU's MEd-Instructional Design and Education Technology focuses on learning models used in K-12, corporate training, professional and career development, and higher education. Candidates will have a chance to collaborate in a community of learners, study the professional application of skills, and develop e-learning solutions with the Articulate360 suite of products. Candidates have the opportunity to create their own ePortfolio, participate in colleague peer networking, and establish badging credentials throughout the program.

TAUGHT BY EXPERIENCED PROFESSIONALS

At AIU, students have access to instructors who have real-world experience in their field. The MEd-Instructional Design and Education Technology program is taught by a team of experienced professionals who bring their real-world perspectives into the classroom. This approach can help candidates better understand the qualities and skills utilized in today's instructional design and ed tech industry.

WE CAN HELP YOU LEARN HOW TO:

- Design educational content and programming that is appropriate to support learning for diverse audiences, contexts, global perspectives, and cultural responsiveness.
- Justify educational decision-making using educational theories, financial management, and scholarly research practices.
- Adapt advanced, discipline-appropriate professional and research communication skills for personal growth and stakeholder engagement.
- Employ professional dispositions appropriate for educational practice and leadership.
- Implement instructional strategies and technologies to support learning (i.e., e-learning, distance learning, online learning, traditional learning, and hybrid learning).
- Analyze the impact of instructional design methodology and learning theories/sciences (social, emotional, and academic) on stakeholders for effectiveness of interventions and/or educational systems.
- Integrate continuous improvement, learner assessment, technology, eLearning, and evaluation plans based on data analysis.
- Develop instructional design documents, including an e-learning storyboard, which integrates a computer-based learning module as the educational intervention solution.
- Evaluate instructional media and education technology tools used to design, develop, deliver, administratively support and evaluate an educational intervention solution.
- Evaluate the use of Learning Management Systems (LMS) and Learning Content Management Systems to support the education, training and learning function in a K-12, higher education, or corporate and government organization.
- Assess the utility and efficacy of gaming and social media in an online learning environment.
- Create an e-learning module utilizing an industry-aligned instructional authoring system.

CORE COURSES

MED 501	Learning Theory Foundations	4.5
MED 503	Integrative Design and Effective Curricula	4.5
MED 505	Analysis, Assessment, and Evaluation	4.5
MED 511	Educational Research Qualitative	4.5
MED 513	Educational Research Quantitative	4.5
MED 515	Data Applications for Education Technology	4.5
MED 531	Learning Environments and Instructional Media	4.5
MED 533	Computer Mediated Learning and Technology Selection	4.5
MED 535	Online/Web-Based/E-Learning Design and Development	4.5
MED 590	Capstone	4.5

Total MEd Degree Requirements

45 Credits

REQUIRED COURSES