INSTRUCTIONAL DESIGN AND TECHNOLOGY

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From curriculum development to technology integration, planning and analysis to implementation and evaluation, the instructional design strategies and skills learned in this program will fully equip you to meet the diverse needs of adult learners. You'll build critical competencies in instructional design while cultivating an inclusive mindset and design approach. This graduate program is ideal for aspiring or current instructional design professionals working in higher education, corporations, and government or non-profit organizations who want to advance careers and foster best practices centered on equity.

This program prepares students to:

- Apply contemporary adult learning theories, models, and principles to learning situations using effective instructional design strategies.
- Create inclusive learning experiences by applying research-based practices in creating assessments, content, and learning activities to align with diverse learner needs and instructional goals.

- Plan for the use of technology-supported learning design by evaluating the course outcomes and modalities, technology availability, support systems, and instructor expertise.
- Evaluate the implementation of instructional designs to assess effectiveness and determine potential interventions.
- Apply skills in theory, research, data collection, and critical thinking to employ effective instructional design practices.

Master of Arts in Instructional Design and Technology with a Concentration in Adult Learning and Inclusive Design

Forge innovative paths to best engage adult learners through inclusive design in the digital age with this master's degree concentration offered entirely online. As you develop critical competencies within instructional design, you'll also cultivate an inclusive mindset and best practices related to instructional strategies, assessment, and interventions. Whether leading instructional design within higher education, government, or corporations, you'll gain hands-on practice in andragogy, learner-centered design, and research to ensure the diverse needs of adult learners of all types are met.

This degree prepares students to do the following:

- Analyze the impact of adult learning theories on instructional strategies.

- Determine measurable learning outcomes based on identified learning needs.
- Develop inclusive learning materials, activities, and assessments with available resources and considering the diverse needs of learners.
- Create technology modules to meet organizational goals and user needs.
- Develop strategies for examining assessment data and other measures of the student learning experience to refine design practices.

Graduate Certificate in Instructional Design and Technology with a Concentration in Adult Learning and Inclusive Design

Uncover innovative paths to effectively engage adult learners with a graduate certificate in Adult Learning and Inclusive Design offered entirely online. In this certificate program, you'll gain hands-on experience in instructional design, from creating engaging multi-media content to providing evaluations. With a curriculum centered on equity, the program helps you develop an inclusive mindset to best serve diverse adult learners. Gain insight into adult learning theories, instructional strategies, and inclusive assessment through learner-centered design.

Specialized Graduate Certificate in Adult Learning and Inclusive Design

Uncover innovative paths to effectively engage adult learners with a certificate in Adult Learning and Inclusive Design offered entirely online. In this certificate program, you'll gain hands-on experience in instructional design, from creating engaging multi-media content to providing evaluations. With a curriculum centered on equity, the program helps you develop an inclusive mindset to best serve diverse adult learners. Gain insight into adult learning theories, instructional strategies, and inclusive assessment through learner-centered design.

Master's Degree Program

Master of Arts in Instructional Design and Technology with a Concentration in Adult Learning and Inclusive Design

Code	Title	Credits
Core Course Requirement:		
IDT 4000	Strategic Planning for Accessible Learning Design	4
IDT 4203	Adult Learning Strategies and Theories	4

IDT 4010	Curricular Development and Program Assessment for Adult Learning	4
IDT 4910	Research Practices and Applications	4
IDT 4920	Portfolio Capstone	4
Concentration Requirement:		
IDT 4100	E-Learning: Course Design, Models, and Practice	4
IDT 4120	E-Learning: Multimedia Application	4
IDT 4130	Equity, Justice, and Inclusivity with Learning Design	4
IDT 4140	Universal Design for Learning	4
IDT 4150	Project Management and Stakeholder Communication	4
Electives Requirement (Choose 2 courses)		**8**
Total Credits		**48**

Minimum number of credits required: 48

Students will work with their Academic Advisor to determine the best set of courses to choose for their electives.

Graduate Certificate Program
Graduate Certificate in Instructional Design and Technology with a Concentration in Adult Learning and Inclusive Design

Code	Title	Credits
Core Requirement		
IDT 4100	E-Learning: Course Design, Models, and Practice	4
IDT 4120	E-Learning: Multimedia Application	4
IDT 4130	Equity, Justice, and Inclusivity with Learning Design	4
IDT 4140	Universal Design for Learning	4
IDT 4150	Project Management and Stakeholder Communication	4
Elective Requirement (Choose one course)		**4**
Total Credits		**24**

Minimum number of credits required: 24

Students will work with their Academic Advisor to determine the best set of courses to choose for their electives.

Specialized Graduate Certificate Program
Specialized Graduate Certificate in Adult Learning and Inclusive Design

Code	Title	Credits
IDT 4100	E-Learning: Course Design, Models, and Practice	4
IDT 4120	E-Learning: Multimedia Application	4
IDT 4130	Equity, Justice, and Inclusivity with Learning Design	4
IDT 4140	Universal Design for Learning	4
Total Credits		**16**

Master's Degree Admission
Degree and GPA Requirements
- Bachelor's degree: All graduate applicants must hold an earned baccalaureate from a regionally accredited college or university or the recognized equivalent from an international institution.
- Grade point average: The minimum undergraduate GPA for admission consideration for graduate study at the University of Denver is a cumulative 2.5 on a 4.0 scale or a 2.5 on a 4.0 scale for the last 60 semester credits or 90 quarter credits (approximately two years of work) for the baccalaureate degree. An earned master's degree or higher from a regionally accredited institution supersedes the minimum standards for the baccalaureate. For applicants with graduate coursework but who have not earned a master's degree or higher, the GPA from the graduate work may be used to meet the requirement. The minimum GPA is a cumulative 3.0 on a 4.0 scale for all graduate coursework undertaken.
- Program GPA requirement: The minimum undergraduate GPA for admission consideration for this program is a cumulative 2.5 on a 4.0 scale.

English Language Proficiency Test Score Requirements
The minimum TOEFL/IELTS/C1 Advanced/Duolingo English Test score requirements for this degree program are:

- Minimum TOEFL Score (Internet-based test): 80 with minimum of 20 on each sub-score
- Minimum IELTS Score: 6.5 with minimum of 6.0 on each band score
- Minimum C1 Advanced Score: 176
- Minimum Duolingo English Test Score: 115 with individual subscore minimum of 105 for Literacy, Comprehension, and Conversation and minimum subscore of 95 for Production

English Conditional Admission: No, this program does not offer English Conditional Admission.

Certificate Admission
Degree and GPA Requirements
- Bachelor's degree: All graduate applicants must hold an earned baccalaureate from a regionally accredited college or university or the recognized equivalent from an international institution.
- Grade point average: The minimum undergraduate GPA for admission consideration for graduate study at the University of Denver is a cumulative 2.5 on a 4.0 scale or a 2.5 on a 4.0 scale for the last 60 semester credits or 90 quarter credits (approximately two years of work) for the baccalaureate degree. An earned master's degree or higher from a regionally accredited institution supersedes the minimum standards for the baccalaureate. For applicants with graduate coursework but who have not earned a master's degree or higher, the GPA from the graduate work may be used to meet the requirement. The minimum GPA is a cumulative 3.0 on a 4.0 scale for all graduate coursework undertaken.
- Program GPA requirement: The minimum undergraduate GPA for admission consideration for this program is a cumulative 2.5 on a 4.0 scale.

English Language Proficiency Test Score Requirements
The minimum TOEFL/IELTS/C1 Advanced/Duolingo English Test score requirements for this degree program are:

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Master's Degree Program
Master of Arts in Instructional Design and Technology with a Concentration in Adult Learning and Inclusive Design

Code	Title	Credits
Core Course Requirement:		
IDT 4000	Strategic Planning for Accessible Learning Design	4
IDT 4203	Adult Learning Strategies and Theories	4
IDT 4010	Curricular Development and Program Assessment for Adult Learning	4
IDT 4910	Research Practices and Applications	4
IDT 4920	Portfolio Capstone	4
Concentration Requirement:		
IDT 4100	E-Learning: Course Design, Models, and Practice	4
IDT 4120	E-Learning: Multimedia Application	4
IDT 4130	Equity, Justice, and Inclusivity with Learning Design	4
IDT 4140	Universal Design for Learning	4
IDT 4150	Project Management and Stakeholder Communication	4
Electives Requirement (Choose 2 courses)		**8**
Total Credits		**48**

Minimum number of credits required: 48

Students will work with their Academic Advisor to determine the best set of courses to choose for their electives.

Graduate Certificate Program

Graduate Certificate in Instructional Design and Technology with a Concentration in Adult Learning and Inclusive Design

Code	Title	Credits
Core Requirement		
IDT 4100	E-Learning: Course Design, Models, and Practice	4
IDT 4120	E-Learning: Multimedia Application	4
IDT 4130	Equity, Justice, and Inclusivity with Learning Design	4
IDT 4140	Universal Design for Learning	4
IDT 4150	Project Management and Stakeholder Communication	4
Elective Requirement (Choose one course)		**4**
Total Credits		**24**

Minimum number of credits required: 24

Students will work with their Academic Advisor to determine the best set of courses to choose for their electives.

Specialized Graduate Certificate Program

Specialized Graduate Certificate in Adult Learning and Inclusive Design

Code	Title	Credits
IDT 4100	E-Learning: Course Design, Models, and Practice	4
IDT 4120	E-Learning: Multimedia Application	4
IDT 4130	Equity, Justice, and Inclusivity with Learning Design	4
IDT 4140	Universal Design for Learning	4
Total Credits		**16**

IDT 4000 Strategic Planning for Accessible Learning Design (4 Credits)
This course will help students develop expertise in accessibility principles, institutional processes, and legal considerations. The course explores federal accessibility regulations, common practices for implementing accessibility, and solutions to common challenges of accessibility implementation.

IDT 4001 Portfolio Foundations (0 Credits)
Master's and certificate-seeking students in Instructional Design and Technology program must register for and take Portfolio Foundations in their first quarter in the program. Students must complete the course and assessment-related tasks, including writing their learning goals, in order to pass the course. Non-completion of this required course will result in a no-pass grade on student transcripts.

IDT 4010 Curricular Development and Program Assessment for Adult Learning (4 Credits)
This course will provide students with the skills to develop and maintain program-level or department-wide training curricula for adult learning environments. By taking a holistic continuous-improvement perspective, this course will explore how learner needs assessments lead to the development of measurable learning outcomes, teaching practices, and then to a curricular plan. The course will examine inclusive practices that assist departments in creating equitable, authentic assessments.

IDT 4100 E-Learning: Course Design, Models, and Practice (4 Credits)
This course introduces instructional design theories, models, processes, and strategies for adult e-learning. We focus on instructional design principles that inform the methodology, skills, and techniques necessary for designing e-learning experiences for adult learners. Students will practice designing and selecting e-learning materials and analyzing the types of activities that best serve online learners.

IDT 4120 E-Learning: Multimedia Application (4 Credits)
This course will take a deep dive into the development of key media assets such as video, interactives, and other course design elements incorporating inclusive best practices. The course will explore both the technical aspects of creating media for learning purposes, as well as the pedagogical and UX considerations in media design. Prerequisite: IDT 4100.

IDT 4130 Equity, Justice, and Inclusivity with Learning Design (4 Credits)
This theory-to-practice course will explore a theoretical and a practical understanding of justice, equity, and inclusivity (JEI) in learning design. Students will be encouraged to connect their experiences to the foundational concepts in this course and develop an understanding of the impact of equity, inclusion, and justice in course design. Students will leave this course with practical tools for advocating for justice, equity, and inclusion in educational contexts.

IDT 4140 Universal Design for Learning (4 Credits)

IDT 4150 Project Management and Stakeholder Communication (4 Credits)
Whether in a corporate, higher ed, or government setting, instructional design projects require meticulous management from start to finish. This course will cover strategies and tools to equip instructional designers with the skills necessary to assess project needs, plan design iterations, and meet stakeholder expectations all while meeting project timelines.

IDT 4203 Adult Learning Strategies and Theories (4 Credits)
Individuals involved in adult learning design and development benefit from a strong foundation in adult learning theories and strategies to develop effective practices. Adult learners bring unique needs, life experiences, and prior knowledge to learning situations and thrive when inclusive, motivational, and relevant application of knowledge, concepts and skills are utilized. In this course, foundational and emerging theories regarding how adults learn best, along with analysis of key instructional strategies, provide solid grounding for implementing best practice in adult learning.

IDT 4701 Topics in Instructional Design and Technology (4 Credits)

IDT 4901 Capstone Project (4 Credits)
The Capstone Project provides students the opportunity to research a topic, problem, or issue within their field of study, and work individually with a Capstone advisor. Similar in weight to a thesis, but more flexible, this final project will synthesize and apply core concepts acquired from the program. The student will select an appropriate Capstone advisor who is knowledgeable in the field of study to work closely with and whom can guide the research project. Evaluation will be focused on the quality and professionalism of applied research and writing critical and creative thinking; problem-solving skills; knowledge of research design, method, and implementation; and contribution to the field and topic of study. Please see the Capstone Guidelines for additional details. Prerequisites: A Capstone Proposal that has been approved by both the Capstone Advisor and the Academic Director, acceptance as a degree candidate, completion of at least 40 quarter-hours (including all core courses) with a cumulative GPA of 3.0 or better.

IDT 4910 Research Practices and Applications (4 Credits)
This course develops competencies including principles and practices of: academic inquiry, writing, and ethics. Students will complete Institutional Review Board (IRB) training, data collection, analysis, and evaluation; and synthesize application of peer-reviewed literature. Competencies will be applied and integrated throughout the course of study and demonstrated in the culminating work of the master's degree. Competencies are additionally developed for use in professional employment settings.

IDT 4920 Portfolio Capstone (4 Credits)
The Portfolio Capstone course provides students the opportunity to reflect upon the work they have done throughout their graduate studies at University College and synthesize their learning. Students in the course produce deliverables that include: (1) a thorough annotation of their portfolio, a process requiring critical and creative thinking about their educational experience, and (2) a pinnacle project that identifies, analyzes, and elaborates significant themes in their program experience, evaluates their accomplishments, connects their coursework to their professional goals, and assesses those goals in the context of their chosen field.

IDT 4980 Internship (0-4 Credits)
Instructional Design and Technology Internship is designed to offer students a purposeful experience in a practical, industry-related setting. The internship is an individualized learning experience. A training plan is created for each student in conjunction with the internship site supervisor to provide experiences related to the skills and knowledge covered in the certificate and master's programs as well as professional goals. Students are responsible for finding their own internship site and proposing their internship ideas. University College will send notifications to all IDT students if they hear of internship possibilities. Students may also work through the DU career center, to explore opportunities for internship experiences. To be eligible for an internship, completion of a minimum of 28 hours of graduate coursework in the field of specialty is required OR Academic Director approval for students with previous work experience in the field.

IDT 4991 Independent Study (1-4 Credits)
This is an advanced course for students wishing to pursue an independent course of study. Before registering for the independent study, the student must be accepted in a degree program, have earned a grade point average of 3.0 or better, obtained the approval of the department director, and have completed the Independent Study form and filed the form with all appropriate offices. Independent Study is offered only on a for-credit basis.