

Courses

Accounting and Finance

Accounting - ACCT (<https://coursecatalog.tamuc.edu/grad/courses/acct/>)
Finance - FIN (<https://coursecatalog.tamuc.edu/grad/courses/fin/>)

Agricultural Sciences

Agricultural Economics - AEC (<https://coursecatalog.tamuc.edu/grad/courses/aec/>)
Agricultural and Family Education - AFE (<https://coursecatalog.tamuc.edu/grad/courses/afe/>)
Agriculture - AG (<https://coursecatalog.tamuc.edu/grad/courses/ag/>)
Ag, Leadership, Education, & Communications - ALEC (<https://coursecatalog.tamuc.edu/grad/courses/alec/>)
Agricultural Mech - AMC (<https://coursecatalog.tamuc.edu/grad/courses/amc/>)
Animal Science - ANS (<https://coursecatalog.tamuc.edu/grad/courses/ans/>)
Equine Science - EQSC (<https://coursecatalog.tamuc.edu/grad/courses/eqsc/>)
Food Science - FDSC (<https://coursecatalog.tamuc.edu/grad/courses/fdsc/>)
Plant and Soil Science - PLS (<https://coursecatalog.tamuc.edu/grad/courses/pls/>)

Art

Art - ART (<https://coursecatalog.tamuc.edu/grad/courses/art/>)
Art History - ARTH (<https://coursecatalog.tamuc.edu/grad/courses/arth/>)
Studio Art - ARTS (<https://coursecatalog.tamuc.edu/grad/courses/arts/>)

Biological and Environmental Sciences

Biological Sciences - BSC (<https://coursecatalog.tamuc.edu/grad/courses/bsc/>)

Chemistry

Chemistry - CHEM (<https://coursecatalog.tamuc.edu/grad/courses/chem/>)

College of Education & Human Services

College of Education & Human Services - CED (<https://coursecatalog.tamuc.edu/grad/courses/ced/>)

College of Humanities, Social Sciences, and Arts

College of Humanities - COH (<https://coursecatalog.tamuc.edu/grad/courses/coh/>)
Gender Studies - GDRS (<https://coursecatalog.tamuc.edu/grad/courses/gdrs/>)

College of Innovation and Design

Artificial Intelligence - AI (<https://coursecatalog.tamuc.edu/grad/courses/ai/>)
Education Competency Based - EDCB (<https://coursecatalog.tamuc.edu/grad/courses/edcb/>)
Reading Competency Based - RDCB (<https://coursecatalog.tamuc.edu/grad/courses/rdcb/>)
Instructional Design - IDCB (<https://coursecatalog.tamuc.edu/grad/courses/idcb/>)
Organizational Leadership - ORGL (<https://coursecatalog.tamuc.edu/grad/courses/orgl/>)
Public Safety - PSCB (<https://coursecatalog.tamuc.edu/grad/courses/pscb/>)

Computer Science and Information Systems

Computer Science - CSCI (<https://coursecatalog.tamuc.edu/grad/courses/csci/>)

Counseling

Counseling - COUN (<https://coursecatalog.tamuc.edu/grad/courses/coun/>)

Curriculum and Instruction

Bilingual Education - BLED (<https://coursecatalog.tamuc.edu/grad/courses/bled/>)
Early Childhood Education - ECE (<https://coursecatalog.tamuc.edu/grad/courses/ece/>)
Education Curriculum & Instruction - EDCI (<https://coursecatalog.tamuc.edu/grad/courses/edci/>)
Reading - RDG (<https://coursecatalog.tamuc.edu/grad/courses/rdg/>)
Secondary Education - SED (<https://coursecatalog.tamuc.edu/grad/courses/sed/>)

Educational Leadership

Educational Administration - EDAD (<https://coursecatalog.tamuc.edu/grad/courses/edad/>)
Urban School Leadership - EDLU (<https://coursecatalog.tamuc.edu/grad/courses/edlu/>)

Engineering & Technology

Technology Management - TMGT (<https://coursecatalog.tamuc.edu/grad/courses/tmgt/>)

Health and Human Performance

Health & Human Performance - HHPH (<https://coursecatalog.tamuc.edu/grad/courses/hhph/>)
Health & Human Performance - HHPK (<https://coursecatalog.tamuc.edu/grad/courses/hhpk/>)
Health & Human Performance - HHPS (<https://coursecatalog.tamuc.edu/grad/courses/hhps/>)
Nutrition - NUTR (<https://coursecatalog.tamuc.edu/grad/courses/nutr/>)

Higher Education and Learning Technologies

Learning & Technology - EDUC (<https://coursecatalog.tamuc.edu/grad/courses/educ/>)
Educational Technology - ETEC (<https://coursecatalog.tamuc.edu/grad/courses/etec/>)
Higher Education - HIED (<https://coursecatalog.tamuc.edu/grad/courses/hied/>)
Library Science - LIS (<https://coursecatalog.tamuc.edu/grad/courses/lis/>)
Organization, Learning, & Technology - OLT (<https://coursecatalog.tamuc.edu/grad/courses/olt/>)

History

ALIB - ALIB (<https://coursecatalog.tamuc.edu/grad/courses/alib/>)
History - HIST (<https://coursecatalog.tamuc.edu/grad/courses/hist/>)

Literature and Languages

Communication Studies - COMS (<https://coursecatalog.tamuc.edu/grad/courses/coms/>)
English - ENG (<https://coursecatalog.tamuc.edu/grad/courses/eng/>)
Linguistics - FLL (<https://coursecatalog.tamuc.edu/grad/courses/fll/>)
Spanish - SPA (<https://coursecatalog.tamuc.edu/grad/courses/spa/>)

Management and Economics

Business Administration - BA (<https://coursecatalog.tamuc.edu/grad/courses/ba/>)
Economics - ECO (<https://coursecatalog.tamuc.edu/grad/courses/eco/>)
Management - MGT (<https://coursecatalog.tamuc.edu/grad/courses/mgt/>)
Supply Chain Management - SCM (<https://coursecatalog.tamuc.edu/grad/courses/scm/>)

Marketing & Business Analytics

Business Analytics - BUSA (<https://coursecatalog.tamuc.edu/grad/courses/busa/>)
Marketing - MKT (<https://coursecatalog.tamuc.edu/grad/courses/mkt/>)

Mathematics

Mathematics - MATH (<https://coursecatalog.tamuc.edu/grad/courses/math/>)
Math Education - MTE (<https://coursecatalog.tamuc.edu/grad/courses/mte/>)

Music

Music - MUS (<https://coursecatalog.tamuc.edu/grad/courses/mus/>)

Nursing

Nursing - NURS (<https://coursecatalog.tamuc.edu/grad/courses/nurs/>)

Physics and Astronomy

Astronomy - ASTR (<https://coursecatalog.tamuc.edu/grad/courses/astr/>)
Physics - PHYS (<https://coursecatalog.tamuc.edu/grad/courses/phys/>)

Political Science

Political Science - PSCI (<https://coursecatalog.tamuc.edu/grad/courses/psci/>)

Psychology and Special Education

Psychology - PSY (<https://coursecatalog.tamuc.edu/grad/courses/psy/>)
Special Education - SPED (<https://coursecatalog.tamuc.edu/grad/courses/sped/>)

School of Social Work

Social Work - SWK (<https://coursecatalog.tamuc.edu/grad/courses/swk/>)

Sociology and Criminal Justice

Criminal Justice - CJ (<https://coursecatalog.tamuc.edu/grad/courses/cj/>)
Sociology - SOC (<https://coursecatalog.tamuc.edu/grad/courses/soc/>)

Theatre

Theatre - THE (<https://coursecatalog.tamuc.edu/grad/courses/the/>)

IDCB 500 - Principles of Instructional Design

Hours: 3

This course offers a thorough introduction to the principles and practices of instructional design. Students will delve into the ethical considerations crucial for creating effective and inclusive learning experiences, emphasizing accessibility. Additionally, the course will cover other important ethical aspects, including intellectual property, equity, cultural sensitivity, and the protection of learner data and confidentiality.

IDCB 510 - Learning Theories and Instructional Strategies

Hours: 3

This course delves into the foundational learning theories and instructional strategies essential for effective teaching and learning. Students will explore key learning theories, including behaviorism, cognitivism, and constructivism, to understand how learners acquire, process, and retain knowledge. Students will be able to apply foundational theories and instructional strategies to design and implement effective and personalized learning experiences. Additionally, students will examine various learning modalities such as self-paced, project-based, and competency-based learning to design flexible and personalized instructional experiences. By the end of this course, students will be equipped with the theoretical knowledge and practical strategies to design and implement effective instructional experiences.

IDCB 522 - Curriculum Development and Assessment

Hours: 3

This course provides an in-depth exploration of curriculum design and assessment techniques. Students will learn about various types of assessments, including formative, summative, and diagnostic, and how to effectively align these assessments with learning objectives. The course will also cover standards and benchmarks, the creation of reliable assessments, and the use of data-driven decision making to inform instructional practices. Additionally, students will explore strategies for continuous improvement in curriculum development. By the end of this course, students will be equipped with the skills to develop and assess curricula that promote meaningful learning experiences. Prerequisites: IDCB 500, IDCB 510.

IDCB 525 - Design Thinking for Curriculum Development

Hours: 3

This course introduces students to the principles and practices of design thinking as applied to curriculum development. Students will learn how to use design thinking methodologies to create innovative and effective curricula that meet the needs of diverse learners. The course will cover key concepts such as backward design, Understanding by Design (UbD), empathy maps, and user testing. Students will develop the skills to empathize with learners, define educational challenges, ideate solutions, prototype curriculum components, and test their effectiveness. By the end of this course, students will be equipped to apply design thinking and human-centered design methodologies to create engaging and impactful educational experiences. Prerequisites: IDCB 500, IDCB 510.

IDCB 550 - Project Management for Instructional Design

Hours: 3

This course introduces project management principles and practices tailored specifically for instructional design. Students will learn how to effectively plan, execute, and manage instructional design projects using various project management frameworks and tools. The course will cover key concepts such as Agile methodologies, Gantt charts, and strategies for collaborating with subject matter experts (SMEs). Through practical assignments and real-world case studies, students will develop the skills necessary to manage instructional design projects from inception to completion, ensuring timely delivery and high-quality outcomes. Prerequisites: IDCB 500, IDCB 510, IDCB 522, IDCB 525.

IDCB 595 - Research Literature and Techniques

Hours: 3

This course is designed to help students learn the key elements in the process of designing and conducting an applied research project: writing an introduction; stating a purpose or research aims for the study; identifying research questions and hypotheses; and advancing methods and procedures for data collection, analysis, and interpretation. This course will also cover a variety of research methods commonly used. Students will also take their comprehensive exams as a part of this course for completion of their master's degree. Students are not allowed to accelerate into this course during a term. Prerequisites: IDCB 500, IDCB 510, IDCB 522, IDCB 525.

ORGL 501 - Foundation of Adult Learning and Organizational Development

Hours: 3

This course examines the theoretical foundations and practical applications of adult learning principles and organizational development (OD) strategies in contemporary organizational settings. Students explore the intersection of adult learning theory, organizational behavior, and systematic change processes to develop approaches for improving individual and organizational performance. The course emphasizes the role of learning and development professionals in facilitating organizational transformation through strategic learning initiatives, culture change, and leadership development. Students investigate how adults learn in organizational contexts and how to design effective learning interventions that align with organizational goals.

ORGL 521 - Instructional Design for Corporate Training

Hours: 3

This course examines the theories, frameworks, and practical applications of instructional design within corporate learning environments. Students will analyze adult learning principles, explore modern training delivery methods, and develop evidence-based learning interventions that align with organizational objectives. Through hands-on projects and case studies, students will gain expertise in needs assessment, learning experience design, and training evaluation while considering technological, cultural, and organizational constraints. The course emphasizes practical application of instructional design methodologies to create effective corporate learning solutions that drive measurable business outcomes.

ORGL 527 - Leadership Theory and Practice

Hours: 3

This course examines leadership theories, frameworks, and practices, classical and emerging leadership paradigms, including transformational and servant leadership, emotional intelligence, cross-cultural leadership, ethical decision-making, and leading organizational change. Students explore how different leadership approaches influence organizational culture, team dynamics, and individual performance.

ORGL 535 - Organizational Behavior and Development

Hours: 3

This course provides a comprehensive examination of the theoretical foundations and practical applications of organizational behavior and development. Students will explore the individual, group, and organizational processes that influence workplace behavior, organizational effectiveness, and strategic change management. Key topics include leadership, motivation, team dynamics, organizational culture, power dynamics, conflict resolution, and the planning and implementation of organizational change initiatives. Students will analyze case studies, engage in simulations, and develop evidence-based strategies to optimize human and organizational performance.

ORGL 537 - Strategic Planning and Decision Making

Hours: 3

This course equips students with the strategic frameworks, analytical tools, and evidence-based practices essential for developing and implementing organizational strategy in complex, dynamic business environments. Through a combination of case studies, simulations, and applied research, students will explore both the theoretical foundations and practical applications of strategic management. Through a combination of case studies, simulations, and applied research, students will explore both the theoretical foundations and practical applications of strategic management. Students will develop the ability to lead cross-functional strategy development efforts, make evidence-based strategic choices, and oversee the execution of transformative initiatives that drive sustainable competitive advantage. Prerequisites: ORGL 527.

ORGL 545 - Team Building and Conflict Resolution

Hours: 3

This course examines the theoretical foundations and practical applications of team dynamics, leadership, and conflict management within organizational settings. Through case studies, simulations, and applied research, students will explore evidence-based strategies for building and leading high-performing teams that foster collaboration and drive results. The course emphasizes the integration of leadership competencies, communication techniques, and conflict resolution methodologies to optimize team performance and organizational outcomes. Students will leave the course equipped to diagnose team challenges, design interventions, and implement best practices for building cohesive, agile, and adaptable teams capable of thriving in complex business environments. Prerequisites: ORGL 527, ORGL 535.

ORGL 557 - Ethical Leadership and Corporate Social Responsibility

Hours: 3

This course examines the role of ethical leadership and explores frameworks for corporate responsibility, stakeholder management, sustainable business practices, and navigating ethical dilemmas. The course emphasizes the practical application of ethical theories to real-world business scenarios, corporate governance models, and social impact initiatives. Students will explore topics such as ethical organizational cultures, balancing profitability with environmental stewardship and social responsibility, whistleblowing and transparency, and the role of purpose-driven leadership. Through case studies, interactive simulations, and applied research, students will evaluate various moral decision-making approaches and develop strategies for leading with integrity in diverse organizational contexts. Students will be equipped to become principled, purpose-driven leaders capable of making difficult decisions under complex, ambiguous conditions. Prerequisites: ORGL 527, ORGL 535, ORGL 537.

ORGL 575 - E-Learning Technologies and Digital Content Creation

Hours: 3

This course explores contemporary approaches to digital content creation for organizational eLearning environments. Students will examine research-based multimedia learning theories, evidence-based design principles, and industry-standard authoring tools to create professional-grade digital learning experiences. Through hands-on projects, students will develop expertise in multimedia asset creation, interactive content development, and learning management system implementation. The course emphasizes the strategic integration of digital learning technologies to support organizational objectives while adhering to accessibility standards, user experience best practices, and technical requirements. Students will learn to evaluate eLearning tools, design responsive content, incorporate multimedia elements, and implement assessment strategies across various digital platforms.

ORGL 590 - Measuring Training Effectiveness and ROI

Hours: 3

This course examines systematic approaches to evaluating training effectiveness and calculating return on investment (ROI) in organizational learning initiatives. Students will master comprehensive evaluation frameworks, including Kirkpatrick's Four Levels of Training Evaluation and Phillips' ROI Methodology, while developing practical skills in both quantitative and qualitative measurement techniques. The course emphasizes hands-on application of learning analytics tools, balanced scorecard approaches, and predictive modeling techniques to measure training impact. Students will learn to develop key performance indicators (KPIs), establish measurement benchmarks, and create evaluation instruments that align with organizational objectives. Through case studies and applied projects, students will design evaluation strategies, implement data collection methods, conduct statistical analyses, and create data visualization tools to communicate results effectively to stakeholders.

ORGL 595 - Research Literature and Techniques

Hours: 3

This course is designed to help students learn the key elements in the process of designing and conducting an applied research project: writing an introduction; stating a purpose or research aims for the study; identifying research questions and hypotheses; and advancing methods and procedures for data collection, analysis, and interpretation. This course will also cover a variety of research methods commonly used. Students will also take their comprehensive exams as a part of this course for completion of their master's degree. Students are not allowed to accelerate into this course during a term. Prerequisites: ORGL 527, ORGL 535, ORGL 537, ORGL 545.

PSCB 502 - Public Safety Administration

Hours: 3

This course covers foundational and advanced principles of public safety agency management and leadership. Students will explore topics such as organizational structure, resource allocation, personnel management, interagency collaboration, performance measurement, and the development of evidence-based public safety policies and practices. The course emphasizes strategic planning, decision-making, and innovative approaches to meet the evolving challenges faced by public safety organizations.

PSCB 505 - Emergency Management and Disaster Response

Hours: 3

This course provides an in-depth examination of emergency management frameworks, with a focus on preparedness, response coordination, and recovery efforts. Students will analyze case studies of natural disasters, man-made crises, and mass emergencies to gain practical experience in incident command, resource allocation, communication strategies, and the implementation of effective disaster mitigation and recovery plans. The course also covers the role of public-private partnerships and community engagement in emergency management.

PSCB 506 - Foundations of Emergency Management and Disaster Preparedness

Hours: 3

This course provides a comprehensive overview of the principles and frameworks that guide emergency management. Students will explore the core phases of the disaster management cycle, including hazard identification, risk analysis, mitigation planning, and the development of disaster preparedness initiatives. Learners will examine case studies of past disasters to gain practical insights into the challenges and best practices in emergency planning and preparedness at the organizational and community levels.

PSCB 511 - Risk Assessment and Mitigation Strategies

Hours: 3

This course equips students with advanced techniques for assessing and mitigating risks associated with natural and human-caused disasters. Learners will apply quantitative and qualitative risk analysis methodologies, such as hazard vulnerability assessments, to identify, prioritize, and address potential threats. Building on this foundation, students will design and implement comprehensive risk mitigation strategies, including the development of contingency plans, the allocation of resources, and the integration of resilience-building measures into organizational policies and community development initiatives.

PSCB 542 - Crisis Communication and Public Information Management

Hours: 3

This course examines best practices in crisis communication and public information management to help students develop the skills necessary to lead public messaging efforts that is critical before, during, and after a disaster. Learners will explore theories and frameworks for crafting targeted, culturally appropriate communication plans, managing media relations, and disseminating vital information to diverse stakeholders. Students will also learn to leverage emerging communication technologies and social media platforms to enhance public awareness, facilitate community engagement, and maintain transparency during emergency situations.

PSCB 552 - Post-Disaster Recovery and Community Resilience

Hours: 3

This course focuses on the long-term recovery and resilience-building efforts that communities undertake in the aftermath of disasters. Students will analyze case studies to understand the social, economic, and environmental impacts of disasters, as well as the unique challenges faced by vulnerable populations. Learners will design comprehensive recovery plans that address the immediate and ongoing needs of affected communities, incorporating strategies to rebuild infrastructure, restore essential services, support mental health and well-being, and enhance community preparedness for future events. The course emphasizes the importance of inclusive, equitable, and sustainable approaches to foster long-term resilience and growth.

PSCB 560 - Criminology and Crime Prevention

Hours: 3

This course explores contemporary criminological theories and their applications in developing evidence-based crime prevention programs. Students will assess crime patterns, risk factors, and the effectiveness of various intervention strategies. Through case studies and data analysis, learners will design comprehensive crime reduction initiatives that address the root causes of criminal behavior and enhance public safety within diverse communities. Prerequisites: PSCB 502, PSCB 505.

PSCB 565 - Legal and Ethical Issues in Public Safety

Hours: 3

This course examines the legal frameworks, policy considerations, and ethical challenges faced by public safety professionals. Students will analyze constitutional rights, civil liability, use of force, privacy concerns, and other legal and ethical dilemmas. The course emphasizes the development of decision-making skills, critical thinking, and the application of ethical principles to navigate complex situations and maintain public trust. Prerequisites: PSCB 502, PSCB 505.

PSCB 577 - Risk Assessment and Management

Hours: 3

This course introduces risk assessment methodologies in the public safety context. Students will learn to identify, analyze, and mitigate risks through the application of quantitative and qualitative techniques. Using real-world scenarios and case studies, learners will develop skills in threat assessment, vulnerability analysis, and the implementation of risk management strategies to enhance the resilience of public safety organizations and the communities they serve. Prerequisites: PSCB 502, PSCB 505, PSCB 560.

PSCB 595 - Research Literature and Techniques

Hours: 3

This course is designed to help students learn the key elements in the process of designing and conducting an applied research project: writing an introduction; stating a purpose or research aims for the study; identifying research questions and hypotheses; and advancing methods and procedures for data collection, analysis, and interpretation. This course will also cover a variety of research methods commonly used. Students will also take their comprehensive exams as a part of this course for completion of their master's degree. Students are not allowed to accelerate into this course during a term. Prerequisites: PSCB 502, PSCB 505, PSCB 560, PSCB 565.