



Professional and Graduate Education Programs

Education Courses

Education Courses

- X.CMPTC-418: Digital Literacy & Computer Science (1 cr)
- X.EDUC-416: Applied Action Research (1-2 cr)
- X.EDUC-417: Teaching With Technology (2 cr)
- X.EDUC-420: Child and Adolescent Development (2 cr)
- X.EDUC-421: Online Pedagogy & Distance Learning for PK-12 Educators (1 cr)
- X.EDUC-422: Practicum Seminar on Teaching and Learning: Early Childhood and Elementary Education (4 cr)
- X.EDUC-423: Student Teaching in Early Childhood and Elementary Schools (10 cr)
- X.EDUC-430: The Process of Teaching and Learning in Secondary and Middle Schools (4 cr)
- X.EDUC-431: Student Teaching in Secondary and Middle Schools (10 cr)
- X.EDUC-433: Practicum Seminar on Teaching and Learning: Middle and Secondary Education (4 cr)
- X.EDUC-436: Exceptional Learners Internship I (1-3 cr)
- X.EDUC-438: Exceptional Learners Internship II (1-3 cr)
- X.EDUC-460: Subject-Specific Methods for Middle and Secondary Teachers (2 cr)
- X.EDUC-461: The Process of Teaching and Learning: Developing Literacy in Early Childhood and Elementary Schools (4 cr)
- X.EDUC-462AR Subject-Specific Methods 2: 'The Arts' (2 cr)
- X.EDUC-462EN Subject-Specific Methods 2: 'English' (2 cr)
- X.EDUC-462FR Subject-Specific Methods 2: 'Foreign Languages' (2 cr)
- X.EDUC-462HS Subject-Specific Methods 2: 'History/Social Sciences' (2 cr)
- X.EDUC-462MA Subject-Specific Methods 2: 'Mathematics' (2 cr)
- X.EDUC-462SC Subject-Specific Methods 2: 'The Sciences' (2 cr)
- X.EDUC-463: Teaching English Language Learners (4 cr)
- X.EDUC-465: Children's Literature for Educators (4 cr)
- X.EDUC-495: Independent Study (1-4 cr)
- X.MATH-470 The Process of Teaching and Learning: Math Curriculum Development and Instruction (2 cr)
- X.SCI-470: The Process of Teaching and Learning: Science/Technology Curriculum Development and Instruction (2 cr)

English Language Learners

- X.ELL-403: Research in Teaching English Language Learners (3 cr)
- X.ELL-406: Introduction to Teaching English Language Learners (2 cr)
- X.ELL-416: Language Assessment and Classroom Practice (2 cr)
- X.ELL-418: Second Language Acquisition and Classroom Practice (2 cr)
- X.ELL-421: Linguistics for Teachers (2 cr)
- X.ELL-422: Practicum Seminar in Teaching and Learning - Elementary English Language Learners Education (4 cr)
- X.ELL-423: Student Teaching English Language Learners in Elementary Schools (10 cr)



Professional and Graduate Education Programs

- X.ELL-426: Methods in Teaching English Language Learners (ELL Methods) (4 cr)
- X.ELL-431: Student Teaching English Language Learners in Secondary Schools (10 cr)
- X.ELL-433: Practicum Seminar in Teaching and Learning - Secondary English Language Learner Education (4 cr)
- X.ELL-436: Teaching English Language Learners Internship 1 (1-3 cr)
- X.ELL-438: Teaching English Language Learners Internship 2 (1-3 cr)
- X.ELL-451: English Language Development Standards and Assessment Framework (1 cr)
- X.ELL-463 Teaching English Language Learners: Sheltered English Immersion Endorsement Standalone (3 cr)

Special Education /Moderate Disabilities

- X.MTHED-473: Creating Accessible Mathematics Classrooms (2 cr)
- X.SPED-416: Interventions for Behavior and Classroom Management (1 cr)
- X.SPED-421: Assistive Technology for Special Education (1 cr)
- X.SPED-422: Practicum Seminar: Teaching and Learning for Moderate Disabilities Licensure PreK-8 (4 cr)
- X.SPED-423: Student Teaching in Inclusive and Substantially Separate Classrooms for Students PreK-8 with Moderate Disabilities (10 cr)
- X.SPED-426: The Inclusive Classroom (2 cr)
- X.SPED-431: Student Teaching in Inclusive and Substantially Separate Classrooms for Students Grades 5-12 with Moderate Disabilities (10 cr)
- X.SPED-433: Practicum Seminar: Teaching and Learning for Moderate Disabilities Licensure 5-12 (4 cr)
- X.SPED-436: Moderate Disabilities Internship I: Student Teaching in Self-Contained Classrooms (1-3 cr)
- X.SPED-438: Moderate Disabilities Internship II: Student Teaching in Inclusive and Self-Contained Classrooms (1-3 cr)
- X.SPED-441: Differentiated Instruction for Diverse Learners (2 cr)
- X.SPED-447: Assessment and Instruction for Exceptional Learners (3 cr)
- X.SPED-463: Foundations of Reading: Development, Comprehension, Instruction, and Assessment (4 cr)
- X.SPED-471: Legal Perspectives in Special Education (1 cr)
- X.SPED-481: Special Education Law: Transitions, Collaboration, and Applications (2 cr)
- X.SPED-495: Independent Study (1-4 cr)

Teacher Leadership Courses

- X.EDUC-411: Policy Fluency: Current Issues in Education (4 cr)
- X.EDUC-413: Leading Colleagues Using Research: Bridging the Gap Between Research and Practice (2 cr)
- X.EDUC-414 Research Design for Educators (1 cr)
- X.EDUC-416: Applied Action Research (1-2 cr)
- X.EDUC-424: Internship in Educational Settings (4-10 cr)
- X.EDUC-432: Arts-Integrated Bilingual Elementary Education (2 cr)
- X.EDUC-439: Instructional Design for Online Learning (2 cr)
- X.EDUC-441: Fostering a Collaborative Culture for Learning (2 cr)
- X.EDUC-442: Fostering Partnerships, Collaboration, and Communication (2 cr)



Professional and Graduate Education Programs

- X.EDUC-449: Equity and Social Justice: A Teacher's Role (2 cr)
- X.EDUC-453: Foundations of Teacher Leadership and Global Education Reform (4 cr)
- X.EDUC-454: Teachers as Agents of Change (4 cr)
- X.EDUC-455 Outreach and Advocacy for Educational Change (4 cr)
- X.EDUC-456: Promoting Professional Learning (2 cr)
- X.EDUC-457: Personal and Professional Leadership in Education (1 cr)
- X.EDUC-458: Owning Assessments and Data for Student Learning (2 cr)
- X.EDUC-467: Coaching, Mentoring, and Facilitating Instructional Improvements (2 cr)
- X.EDUC-468 Leadership in Practice for Educators (1 cr)
- X.EDUC-469 Models of Entrepreneurship in Education (1 cr)
- X.EDUC-489: Catapult! Capstone Course (2-6 cr)
- X.EDUC-495: Independent Study (1-4 cr)

Teaching Mathematics & Mathematics Education

Mathematics Courses

- X.MATH-400: Developing Mathematical Ideas: Building a System of Tens (2 cr)
- X.MATH-401: Developing Mathematical Ideas: Making Meaning for Operations (2 cr)
- X.MATH-402: Developing Mathematical Ideas: Examining Features of Shape (2 cr)
- X.MATH-404: Developing Mathematical Ideas: Modeling with Data (2 cr)
- X.MATH-405: Developing Mathematical Ideas: Measuring Space in One, Two, and Three Dimensions (2 cr)
- X.MATH-406: Developing Mathematical Ideas: Patterns, Functions, and Change (2 cr)
- X.MATH-407: Reasoning Algebraically About Operations (2 cr)
- X.MATH-411: Math for Elementary Teachers (2 cr)
- X.MATH-424: Developing Mathematical Reasoning (4 cr)
- X.MATH-460: Connecting Arithmetic to Algebra (4 cr)
- X.MATH-462: Fostering Algebraic Reasoning (3 cr)
- X.MATH-470 The Process of Teaching and Learning: Math Curriculum Development and Instruction (2 cr)

Mathematics Education Courses

- X.MTHED-404: Effective Practices for Advancing the Teaching and Learning of Mathematics (2 cr)
- X.MTHED-407: Reasoning Algebraically About Operations (1 cr)
- X.MTHED-408: Professional Development for Coaching Mathematics (2 cr)
- X.MTHED-409: Educational Leadership I: Exploring the Rules of Math Teacher Leadership (2 cr)
- X.MTHED-410: Developing Mathematical Ideas Facilitator Training (2 cr)
- X.MTHED-411: Educational Leadership II: Facilitating Adult Learning (2 cr)
- X.MTHED-412: Mathematics Coaching: Designing Effective Professional Development (3 cr)
- X.MTHED-413: Supporting the Range of Learners in Mathematics Classrooms (2 cr)
- X.MTHED-422: Research on Learning: Implementing the Common Core Math Practice Standards (2 cr)



Professional and Graduate Education Programs

- X.MTHED-432: Arts Integrated Math for Elementary Education (2 cr)
- X.MTHED-462: Fostering Algebraic Reasoning (1 cr)
- X.MTHED-465: Action Research on Learning and Teaching (4 cr)
- X.MTHED-466: Advocacy through Math Teacher Leadership (4 cr)
- X.MTHED-473: Creating Accessible Mathematics Classrooms

Professional Institutes and Pathways Courses

Digital Innovation and Media for Educators

- X.CMPTC-443: Data Visualization: Presenting Data to Build Understanding and Insights (2 cr)
- X.COMM-436: Persuasive Communications (2 cr)
- X.MEDIA-411: Visual Literacy and Media (2 cr)
- X.MEDIA-413 User-Centered Design (2 cr)
- X.MEDIA-426: New Media and Activism (2 cr)
- X.MEDIA-428 Citizen Journalism (2 cr)
- X.MEDIA-429AP: Media Production: Audio Production (2 cr)
- X.MEDIA-429VP: Media Production Topics: 'Video Production' (2 cr)
- X.MEDIA-429WD: Media Production: Web Design (2 cr)
- X.MEDIA-431: Storytelling: Crafting Effective Narratives Across Media (2 cr)
- X.PROST-429PR Legal Topics: Intellectual Property (1 cr)
- X.WRTNG-406: Creative Inquiry and Writing a Research (2 cr)

Differentiated Instruction for Educators

- X.EDUC 441: Fostering a Collaborative Culture for Learning (2 cr)
- X.EDUC-443 Introduction to the Orton-Gillingham Approach to Reading and Dyslexia (1 cr)
- X.EDUC-446 Orton-Gillingham Associate Level Course (4 cr)
- X.EDUC-448 Orton-Gillingham Associate Level Course Practicum (4 cr)
- X.ELL-403: Research in Teaching English Language Learners (3 cr)
- X.ELL-416: Language Assessment and Classroom Practice (2 cr)
- X.ELL-418: Second Language Acquisition and Classroom Practice (2 cr)
- X.ELL-421: Linguistics for Teachers (2 cr)
- X.ELL-426: Methods in Teaching English to K-12 Speakers of Other Languages (TESOL Methods) (4 cr)
- X.ELL-451: English Language Development Standards and Assessment Framework (1 cr)
- X.ELL-463: Teaching English Language Learners: Sheltered English Immersion Endorsement (3 cr)
- X.MTHED-473: Creating Accessible Mathematics Classrooms (2 cr)
- X.SPED-416: Interventions for Behavior and Classroom Management
- X.SPED-416: Interventions for Behavior and Classroom Management (1 cr)
- X.SPED-421: Assistive Technology for Special Education (1 cr)



Professional and Graduate Education Programs

- X.SPED-426: The Inclusive Classroom (2 cr)
- X.SPED-441: Differentiated Instruction for Diverse Learners (2 cr)
- X.SPED-447: Assessment and Instruction for Exceptional Learners (3 cr)
- X.SPED-463: Foundations of Reading: Development, Comprehension, Instruction, and Assessment (4 cr)
- X.SPED-471: Legal Perspectives in Special Education (1 cr)
- X.SPED-471: Legal Perspectives in Special Education (1 cr)
- X.SPED-481: Special Education Law: Transitions, Collaboration, and Applications (2 cr)

Equity, Advocacy and Partnerships

- X.COMM-413: Building Bridges: Facilitating Courageous Conversations (2 cr)
- X.COMM-436: Persuasive Communications (2 cr)
- X.EDUC-411: Policy Fluency: Current Issues in Education (4 cr)
- X.EDUC-441: Fostering a Collaborative Culture for Learning (2 cr)
- X.EDUC-455 Outreach and Advocacy for Educational Change (4 cr)
- X.MEDIA-426: New Media and Activism (2 cr)
- X.MEDIA-431: Storytelling: Crafting Effective Narratives Across Media (2 cr)
- X.MGMT-416 Participatory Community Development (2 cr)
- X.MGMT-426 Policy Advocacy for Small Organizations (2 cr)
- X.MGMT-429CP Building Effective Organizations: 'Creativity, Problem Solving and Decision Making' (2 cr)
- X.MGMT-429MM Building Effective Organizations: 'Mentorship Models to Grow Leadership' (2 cr)
- X.MGMT-431 Seed Funding and Alternative Funding Models (2 cr)
- X.MGMT-436 Creating and Sustaining Public-Private Partnerships (2 cr)
- X.MGMT-441 Diversity and Intercultural Management (2 cr)
- X.MGMT-452 Fair Trade and Sustainable Tourism (2 cr)
- X.PSYCH-438 Strategies for Supporting Children in Foster Care (2 cr)

Instructional Coaching & Leadership

- X.EDUC-427: Practicum 1: Professional Development and Mentoring (3 cr)
- X.EDUC-428: Advanced Practicum: Professional Development and Mentoring (2 cr)
- X.EDUC-439: Instructional Design for Online Learning (2 cr)
- X.EDUC-441: Fostering a Collaborative Culture for Learning (2 cr)
- X.EDUC-456: Promoting Professional Learning (2 cr)
- X.EDUC-457: Personal and Professional Leadership in Education (1 cr)
- X.EDUC-467: Coaching, Mentoring, and Facilitating Instructional Improvements (2 cr)



Professional and Graduate Education Programs

Global and Intercultural Education

- X.MGMT-418: Project Management for Nonprofits and Social Entrepreneurs (2 cr)
- X.MGMT-429CU: Building Effective Organizations: 'Inclusion and Cultural Competency' (2 cr)
- X.COMM-413: Building Bridges: Facilitating Courageous Conversations (2 cr)
- X.MGMT-429MM: Building Effective Organizations: Mentorship Models to Grow Leadership (2 cr)
- X.MGMT-441: Diversity and Intercultural Management (2 cr)
- X.COMM-436: Persuasive Communications (2 cr)
- X.MGMT-416: Participatory Community Development (2 cr)
- X.MGMT-436: Creating and Sustaining Public-Private Partnerships (2 cr)
- X.MGMT-452: Fair Trade & Sustainable Tourism (2 cr)
- X.MEDIA-426: New Media and Activism (2 cr)
- X.MEDIA-431: Storytelling: Crafting Effective Narratives Across Media (2 cr)

Independent Schools Program

- X.EDUC 419: Independent Schools: New Teachers Seminar (2 cr)
- X.EDUC 452AC: Topics in Social-Emotional Learning and Development: 'Advising and Counseling Students Beyond the Classroom' (2 cr)
- X.EDUC 452AT: Topics in Social-Emotional Learning and Development: 'Coaching and Athletics' (2 cr)
- X.EDUC 459: Independent Schools: Experienced Practitioners Seminar (2 cr)
- X.EDUC 476 Independent School: Beyond the Classroom.
- X.EDUC 477: Seminar on Effective Teaching and Learning Strategies for Practitioners (4 cr)



Professional and Graduate Education Programs

Nonprofits and Educational Entrepreneurship

- X.CMPTC-443: Data Visualization: Presenting Data to Build Understanding and Insights (2 cr)
- X.COMM-405: Speaking with Confidence: Leadership for Women (1 cr)
- X.COMM-413: Building Bridges: Facilitating Courageous Conversations (2 cr)
- X.COMM-436: Persuasive Communications (2 cr)
- X.EDUC-469: Models of Entrepreneurship in Education (2 cr)
- X.MEDIA-426: New Media and Activism (2 cr)
- X.MEDIA-431: Storytelling: Crafting Effective Narratives Across Media (2 cr)
- X.MGMT-416: Participatory Community Development (2 cr)
- X.MGMT-418: Project Management for Nonprofits and Social Entrepreneurs (2 cr)
- X.MGMT-429CP: Building Effective Organizations: Creativity, Problem Solving and Decision Making (2 cr)
- X.MGMT-429CU: Building Effective Organizations: 'Inclusion and Cultural Competency' (2 cr)
- X.MGMT-429MM: Building Effective Organizations: Mentorship Models to Grow Leadership (2 cr)
- X.MGMT-431 Social Entrepreneurship and Innovation (2 cr)
- X.MGMT-436: Creating and Sustaining Public-Private Partnerships (2 cr)
- X.MGMT-441: Diversity and Intercultural Management (2 cr)
- X.MGMT-452: Fair Trade & Sustainable Tourism (2 cr)

Research and Data Institute

- X.CMPTC-443: Data Visualization: Presenting Data to Build Understanding and Insights (2 cr)
- X.EDUC-413: Leading Colleagues Using Research: Bridging the Gap Between Research and Practice (2 cr)
- X.EDUC-458: Owning Assessments and Data for Student Learning (2 cr)
- X.MTHED-465: Action Research on Learning and Teaching (2 cr)
- X.MTHED-466: Action Research on Math Teacher Leadership (4 cr)

TESOL Certificate for Educators

- X.EDUC-406 TESOL Seminar: Foundations of Effective Teaching (2 cr)
- X.EDUC-426 TESOL Practicum: Effective Teaching Strategies Field Experience (2 cr)