

PROFESSIONAL EDUCATION (PDED)

Course Descriptions

PDED 505 Sp Ed Legislatn and Litigation 3 Credit Hours

Content traces the historical development of special education through landmark litigation and legislation, parent advocacy, and national economic and social needs. The provisions of federal and state special education mandates, judicial interpretations, and Michigan state guidelines regulating the delivery of educational and vocational services to persons with handicaps will also be addressed.

Restriction(s):

Can enroll if Class is Graduate

Can enroll if College is Education, Health, and Human Services

PDED 515 Museum Resources for Teaching 3 Credit Hours

Explores the use of museums as educational resources by elementary and secondary teachers. Various museums in the greater Detroit metropolitan area will be visited and studied. Students will review how to plan educational trips and how to use museum resources in meeting their own particular individual needs.

Restriction(s):

Can enroll if Class is Junior or Graduate

Can enroll if College is Education, Health, and Human Services

PDED 516 Internship in Museum Education 2 or 3 Credit Hours

The museum education internship will prepare students with the knowledge and skills they need to plan, implement, and evaluate educational and interpretive programs in the context of museums. The educational functions of museums will be explored. The students will apply their knowledge and experiences to K-12 instruction in the core content areas.

Restriction(s):

Can enroll if Class is Post-baccalaureate Cert only or Post-baccalaureate NCFD or Graduate

Can enroll if Level is Rackham or Professional Development or Graduate

Can enroll if College is Education, Health, and Human Services or Arts, Sciences, and Letters

PDED 518 Tchg Mid Sch Math/Spec Needs 1 to 3 Credit Hours

This course is intended to introduce students to the characteristics and assessment of persons with ASD, as well as the best practices related to educating students with Autism Spectrum Disorders (ASD). Specifically, students will learn evidence based practices for: assessing students with ASD, creating an appropriate educational environment for students with ASD, and providing academic instruction and behavioral interventions to students with ASD in special education and general education settings. Instruction will emphasize specific assessment and teaching tools and behavior management principles and practices associated with educating K-12 student with ASD.

Restriction(s):

Can enroll if Class is Graduate

Can enroll if College is Education, Health, and Human Services

PDED 518A Topics in Education 2 Credit Hours

TOPIC TITLE: Application of Distance Learning. Overview of common types of distance learning covering advantages, disadvantages, and relative costs. Discussion of research regarding student achievement and satisfaction, learner characteristics, and necessary factors for success. Students demonstrate a videoconference lesson, create an internet lesson and write research for internet publication. This course is part of the Adult Instruction and Performance Technology program and activities are based on the Instructional Design Process.

Prerequisite(s): EDT 512 or EDT 400

PDED 518AM Topics in Education 1 Credit Hour

Topic: Creating Online Learning Experiences. This course will provide students with instruction on a variety of tools they can use to create online learning experiences for their students in order to fulfill the Online Learning requirement mandated by the State of Michigan. Participants will also learn various strategies for teaching online.

PDED 518BJ Topics in Education 1 Credit Hour

TOPIC TITLE: Transdisciplinary Teaming to Support students with Challenging Behaviors This course explores the concept of transdisciplinary teaming for the purpose of supporting children/youth with challenging behaviors. Topics of study in this course include multi-level systems for preventing and remediating inappropriate behaviors, school-wide, class-wide, and individual research-based interventions including Functional Behavior Assessment (FBA).

PDED 518BN Gamifying your Classroom 1 Credit Hour

Participants will learn a variety of strategies that can be used to "gamify" learning experiences for students. This includes learning how to provide students with a more customizable learning experience and focusing on mastery learning rather than just assignment completion. Participants will be introduced to a gamified learning management system that can be used to facilitate their own gamified classroom. (OC)

Restriction(s):

Cannot enroll if Class is

Cannot enroll if Level is Undergraduate

PDED 518BO Intro to Google Apps for Education 1 Credit Hour

Participants will be introduced to the suite of Google Apps for Education including Google Classroom, Drive Docs, Sheets, Presentations, Hangouts, Blogger, Picasa, Sketch-up and Google Earth. Participants will learn how to utilize these various applications to design technology enhanced learning activities and enhance their overall productivity. (OC)

Restriction(s):

Cannot enroll if Class is

Cannot enroll if Level is Undergraduate

PDED 518BS The Educational Escape Room 1 Credit Hour

Topic Title: The Educational Escape Classroom: Participants will learn how to develop educational escape rooms that can be used to engaged students in different content areas. Focus will be placed on crafting a relevant scenario, creating logical hints, and integrating the escape room activity into the curriculum. Participants will be introduced to a variety of tools and technologies that can be used to create escape room activities. (OC).

Restriction(s):

Cannot enroll if Level is Undergraduate

PDED 518BT Tech Tools for the College Student 1 Credit Hour

Participants will learn about a wide range of technologies that can be used to help them be successful college students. Topics covered in this class will include technologies for writing, research, time management, stress reduction, presentations, group collaboration and communication. As a result of this course, participants will be better prepared to meet the rigorous demands of college. (OC)

Restriction(s):

Cannot enroll if Class is

Cannot enroll if Level is Undergraduate

PDED 518BU Creating a Maker Space 1 Credit Hour

Topic Title: Creating a Maker Space: Participants will learn how to create a Maker Space within their own school or classroom. A variety of resources will be shared to help reduce the cost of developing a Maker Space. Participants will also learn about ways to design learning activities that utilize a Maker Space in order to advance the curriculum in different content areas. (OC)

Restriction(s):

Cannot enroll if Level is Undergraduate

PDED 518BV Checking our Digital Biases 1 Credit Hour

Participants will learn how digital tools and artificial intelligence can perpetuate both conscious and subconscious biases by filtering the content we see online and through social media. There will be opportunities to address the moral and ethical issues associated with this as well as develop strategies for ensuring we get a more unfiltered view of the world through our digital interactions. (OC)

Restriction(s):

Cannot enroll if Level is Undergraduate

PDED 518C Topics in Education 2 Credit Hours

TOPIC TITLE: Teaching Geometry in Secondary School. This summer institute in geometry is modeled after the High School Teacher Program of the Park City Mathematics Institute. The high school teachers from Michigan who are involved in that program will lead sections which enhance teachers' understanding of geometry topics relevant to the new standards, pedagogy that enhances student learning of geometry and the application of technology to the teaching of geometry. Students will complete a project based on the institute.

PDED 518CA Topics in Education- Technology for the Flipped Classroom 1 Credit Hour

Participants will learn how to use a variety of different technologies in order to flip* their current or future classroom. This will include using a learning management system (LMS) to create an online learning space and learning to create a variety of multimedia elements (screen capture tutorials, animations, digital videos) for instructional purposes. *In the context of this course, a flipped classroom is one in which instructional content is provided by the teacher online through multimedia elements such as videos and podcasts and classroom time is devoted to students working on assignments that would normally be given as homework. The classroom is considered "flipped" because the instruction happens outside of class and homework is completed in class where students have easy access to the teacher. (OC)

Restriction(s):

Can enroll if Level is Rackham or Graduate

PDED 518D Topics in Education 1 Credit Hour

TOPIC TITLE: Technology in Education - Module 1: Teaching and Learning with Basic Technology Skills. The primary focus will be to develop and utilize courseware and class management materials using the word processor, spreadsheet, database, and presentation applications.

PDED 518E Topics in Education 1 Credit Hour

TOPIC TITLE: Technology in Education - Module 2: Teaching and Learning with the Internet. Participants will cover the basics of electronic communication, the use of the World Wide Web, the creation of Web pages and Web-based activities, and the issues related to the use of the Internet in schools.

PDED 518F Studies in Education 1 Credit Hour

TOPIC TITLE: Technology in Education - Module 3: Teaching and Learning with Multimedia. Use of the computer to combine text, sound, video, still images, animation, and interactivity to create constructive problem solving will be covered.

PDED 518H Studies in Education 1 to 2 Credit Hours

TOPIC: Intervention Strategies for Young Children with Disabilities. Participants will gain knowledge of ways to plan for and address individualized goals in early education settings. Emphasis will be on developing functional goals and objectives, intervening during classroom routines and activities, and using naturalistic strategies which promote language, social and cognitive development.

PDED 518I Studies in Education 1 to 2 Credit Hours

TOPIC: Designing Instruction for the Internet. The course is designed for teachers who are competent in word processing and familiar with the Internet and web searches. Each teacher or graduate student will experience Internet learning through a guided lesson introducing them to UM-D's electronic resources, various teacher oriented web-pages, sample Internet lessons, and guide them through an initial search for possible topics of their own Internet lesson.

PDED 518J Studies in Education 1 to 2 Credit Hours

TOPIC: An Introduction to the Learning Cycle for Elementary and Middle School Science. This workshop will help teachers become acquainted with the Teaching and Learning Cycle for use in elementary and middle school science. The Learning Cycle is a model for teaching and learning that uses inquiry in and attempt to foster teaching for understanding. The Learning Cycle is an appropriate pedagogy for aligning pedagogy with the NSES, and, therefore the Michigan Goals and Objective in Science Education (MEGOSE) on which the MEAP is derived.

PDED 518K Studies in Education 1 to 2 Credit Hours

TOPIC: Positive Guidance Techniques for Classroom Management. This workshop will help teachers in early childhood education to apply positive guidance techniques in their classrooms. Strategies that actively promote prosocial behavior and that change inappropriate misbehavior will be discussed. Participants will develop methods of structuring a positive classroom atmosphere in order to facilitate appropriate social behavior, learn techniques to guide and directly teach positive social skills, and learn and practice conflict resolution strategies.

PDED 518M Topics in Education 2 Credit Hours

This course will provide an intensive review of key concepts in economics, particularly microeconomic principles. This course will emphasize concepts, methods, and curriculum material that can be incorporated across disciplines and subject matter. Students will review material available from the National Council on Economic Education, services offered by the Michigan Council on Economic Education, and resources available from the University of Michigan-Dearborn Center for Economic Education. Students will review the Michigan Economics Standards and Indicators of Achievement and the Michigan Curriculum Framework. Students will create teaching units relevant to their students based on material from the course.

PDED 518S Topics in Prof Educ Devl 1 Credit Hour

This course will provide students with the skills and knowledge to integrate technology in their instruction and administrative duties. Students will learn from practicing teachers, administrators and researchers about effective ways to create engaging and interactive learning environments through the use of a variety of technology tools. There will also be an emphasis on using technology for communication and to increase overall productivity.

PDED 525 The Educator and the Law 1 to 2 Credit Hours

Designed to familiarize classroom teachers with school law and its implications for educators, pupils, and parents. Consideration will be given to the legal aspects of such matters as physical threats, teacher liability, codes of conduct, discipline and student rights.

Restriction(s):

Can enroll if Class is Graduate

Can enroll if College is Education, Health, and Human Services

PDED 705 SpEd Legislatn and Litigation 3 Credit Hours

Content traces the historical development of special education through landmark litigation and legislation, parent advocacy, and national economic and social needs. The provisions of federal and state special education mandates, judicial interpretations, and Michigan state guidelines regulating the delivery of educational and vocational services to persons with handicaps will also be addressed. Additional course work differentiates this course from the master's level.

Restriction(s):

Can enroll if Class is Specialist or Doctorate

Can enroll if College is Education, Health, and Human Services

*An asterisk denotes that a course may be taken concurrently.

Frequency of Offering

The following abbreviations are used to denote the frequency of offering: (F) fall term; (W) winter term; (S) summer term; (F, W) fall and winter terms; (YR) once a year; (AY) alternating years; (OC) offered occasionally