DIFFERENTIATED INSTRUCTION - EDDI

EDDI 500 Dimensions of Learning  
Participants will explore and understand a learning-centered framework for 
instructional planning. This course translates the latest research on cognition 
and learning into practical classroom strategies. Participants learn how to 
help students develop positive attitudes and perceptions about learning, 
develop habits of mind for critical, creative and self-regulated behaviors, 
construct meaning for declarative and procedural knowledge and extend and 
refine knowledge. 
Offered: every fall.

EDDI 505 Introduction to Differentiated Instruction  
Provides an introduction to the philosophy of differentiation. This course 
will examine ways that classrooms can effectively support differentiating 
instruction and assessment to address the complex challenges of meeting 
the diverse learning needs of all students. Participants will gain an 
understanding of the reasons and assumptions underlying differentiation and 
acquire the ability to identify key indicators in a classroom. Knowledge of 
the characteristics of students who learn at different paces and levels will 
be developed. Students will study a variety of curriculum options such as 
those of content and implementation of differentiated lessons that optimize 
learning for all students, including gifted students and other high-ability 
learners. 
Offered: every fall.

EDDI 510 Introduction to Gifted Education and Collaboration  
Participants will explore the history, research, laws and varied philosophies 
of gifted education. The class will also focus on developing skills in 
communication and collaboration to individualize instruction for gifted 
students. Participants will learn how to develop a support system and 
manage open communication among classroom teachers, special area 
teachers, administrators, parents and outside agencies. 
Offered: every fall.

EDDI 515 Identification and Assessment of Students in Gifted Education  
This course will provide an overview of tools and methods for identifying and 
assessing students who learn at a pace and level that is significantly different 
from that of their classmates. Assessment tools will be examined, utilized 
and evaluated. Implications for instruction will be discussed. 
Offered: every spring.

EDDI 520 Curriculum Development for Gifted Students  
This course focuses on methods of instruction for gifted students. 
Participants will develop knowledge and skills for planning, providing, 
coordinating and evaluating differentiated teaching and learning 
environments to challenge and assist gifted students in learning to their 
highest levels of achievement. Participants will learn how to develop a 
layered curriculum in order to maximize each student's growth and individual 
success. Instructional strategies for differentiating the key elements of 
content, process and products will be addressed. 
Offered: every spring.

EDDI 530 Differentiated Instruction in Mathematics K-12  
Differentiating instruction means providing students with options for 
learning new information, helping them to make sense of ideas and 
express what they learn. This course will focus on helping the teacher learn 
approaches for differentiating mathematics instruction in the classroom. 
Participants will discuss and apply the principles of differentiated instruction 
to math instruction, learn effective strategies for managing flexible 
groups, acquire ideas for providing students with a variety of options that 
successfully target math standards and understand how to plan strategically 
in order to reach the needs of diverse learners in the classroom. 
Offered: every spring.

EDDI 540 Social and Emotional Issues in Gifted Education  
This course focuses on social and emotional issues in a differentiated 
classroom. This course will address issues such as fairness and grading, 
taking charge of individual learning, developing organization and study 
skills, procrastination and perfectionism, fear of failure, struggling with 
appropriately challenging activities, and underachievement behaviors. The 
role the parent plays in supporting a child in a differentiated classroom will 
also be explored.

EDDI 557 Enhancing the Differentiated Classroom through Creativity  
This course will offer students the opportunity to learn about the field 
of creativity and current research supporting its value in enhancing the 
learning environment. Participants will discuss and experience ways to 
nurture teacher creativity to better prepare them to recognize and support 
creativity in students. Activities and resources to develop creativity will be 
explored and evaluated. 
Offered: once a year.

EDDI 585 Integrating Technology in the Differentiated Classroom  
This course introduces educators to technology that can be used to support, 
supplement and deliver differentiated content and assessment in the mixed 
ability classroom. The benefits and challenges of incorporating technology 
will be considered while participants learn how to integrate technology 
into their curriculum. Participants will gain hands-on experience using 
technological strategies for differentiation that will engage learners of all 
styless, ranging from new uses for basic software applications and online 
collaboration to the production of multimedia. 
Offered: every fall.

EDDI 600 Practicum and Seminar in Gifted Education  
This course involves completing a college supervised practicum experience 
of 50 hours differentiating instruction for all students including gifted 
students. The practicum is individualized and takes place near the end of the 
program. Students will have the opportunity to discuss and reflect on the 
practicum experiences in on-campus seminars. 
Corequisite: EDDI 615.

EDDI 615 Action Research for a Differentiated Classroom  
Focuses on the study of the background of educational research, 
understanding research methodologies and designs, tools and techniques 
of educational research, and the collection, treatment, analysis and 
interpretation of research data. The student will develop an action research 
project that will be implemented during the practicum. 
Corequisite: EDDI 600.