

Instructional Faculty

Institution: University of Detroit Mercy

Date: 06/15/06

Specialty Program: Mathematics

Certification/Endorsement CODE: EX

Please include all faculty teaching the courses shown on the *Summary of Course Requirements for Specialty Program* (Application Attachment 3), including those who may be temporary or non-tenure stream.

Courses	Faculty Member	Highest Degree in this Specialty Area, Indicating Study Focus and Research Area	Professional Development Experience in the Last 3 Years	Familiarity with K-12 Curriculum Framework and MEAP Assessment	Special Awards and Recognition	P-12 Collaborative Work
EDU 449	Cleveland, Stanley	MA in Teaching of Mathematics		Current middle school Math teacher at the Paul Robeson Academy in Detroit. Has been continuously involved with K-8 Math teaching since 1980, so has on-going experience with the K-12 Curriculum Framework and MEAP Assessment in that role		Member, Detroit Board of Education
EDU 471	Hauler, Cheryl	MA in Teaching of Mathematics	Member of NCTM, and the Detroit Area Council of Mathematics Teachers; Texas Instruments Teacher Leader Cadre, Connecting Algebra 1 and Geometry Institute, 2006; NSF/CBMS Regional Conference on Cluster Algebras and Applications, 2006; Macomb Intermediate School District: Dynamic Classroom Assessment Workshops, 2005-2006; Reading Apprenticeship Series, 2005-2006	Current secondary Math teacher in Mt. Clemens Community Schools. Has been continuously employed as a secondary Math teacher since 1981, so has on-going experience with the K-12 Curriculum Framework and MEAP Assessment in that role		

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MTH 480	Alahmar, Saer	MS in Engineering MS in Computer Science	Attended the international fair on new technology of Embedded System at Dusseldorf, Germany, May 2004.	Was part of discussion with Math Dept about how to respond to reviewer criticisms of earlier Math PR/PE submission. This required a review of teacher candidate preparation standards and the related K-12 Curriculum Framework and MEAP.		
MTH 482	Anderson, Scott	Masters in Computer Science with Mathematics minor. Doctoral Student in Applied Mathematics, Oakland University.	Completed on-line seminars about teaching adults and how they learn compared to children and teenagers. Workshops about mathematics as academic area and teaching it at area community colleges and universities, including University of Detroit Mathematics and Computer Science Department faculty workshops.	In preparation for teaching UDM courses, reviewed the Michigan Curriculum Framework for Mathematics and the MEAP for Mathematics. Was part of discussion with Math Dept about how to respond to reviewer criticisms of earlier Math PR/PE submission. This required a review of teacher candidate preparation standards.	Accepted invitation from UDM's Pi Mu Epsilon Fraternity to present a seminar at their 2004 annual dinner.	Collaborated with Richmond School District on an adult education mathematics program.
MTH 241 MTH 477 MTH 478 MTH 484 MTH 485	Boats, Jeffery J.	D.A., Mathematics University-level math education and linear algebra. Research specialties: computer tutorials,	Attended MAPLE software workshop at American University, March 2003.	Director of Mater of Arts in Teaching Mathematics (MATM) program at UDM, which trains K-12 mathematics teachers. Was part of discussion with Math Dept about how to respond to reviewer criticisms of earlier Math PR/PE	Nominee into "Faculty of the 21 st Century" (F21), a division of Project Kaleidoscope (PKAL); granted MMF grant/award in Summer of 2001 to redesign UDM's MTH 477 course; Regional Mathematics Editor for the American Journal of	Conducted field research at local Marian Middle School, leading to a publication in the December 2003 "Mathematics Teaching in the Middle School," and NCTM magazine; principle author of UDM's GK-12 (NSF)

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		instructional technology, interdisciplinary science education		submission. This required a review of teacher candidate preparation standards and the related K-12 Curriculum Framework and MEAP.	Undergraduate Research (AJUR)	proposal
MTH 481 MTH 483	Dasgupta, Abhijit	Ph.D. Mathematics 1994, Berkley	None.	Was part of discussion with Math Dept about how to respond to reviewer criticisms of earlier Math PR/PE submission. This required a review of teacher candidate preparation standards and the related K-12 Curriculum Framework and MEAP.	Published two mathematic research papers.	None.
MTH 112 MTH 142	Kikas, Lazaros	Ph.D, Discrete Math	Attended Maple workshop, Siena Heights College	Was part of discussion with Math Dept about how to respond to reviewer criticisms of earlier Math PR/PE submission. This required a review of teacher candidate preparation standards and the related K-12 Curriculum Framework and MEAP.	None	None
MTH 140	Maggio, Dan	M.A., Pure and Applied Mathematics	N/A	Was part of discussion with Math Dept about how to respond to reviewer criticisms earlier Math PR/PE submission. This required a review of teacher candidate		Coordinator of UDM 4 th -12 th Detroit Area Pre-College Engineering Program (DAPCEP). Worked with teachers from high schools to

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				preparation standards and the related K-12 Curriculum Framework and MEAP.		design and deliver programs for students: Detroit Elementary and Middle Schools, Clarkston Public Schools, Oakland Science, Math and Tech Academy, University of Detroit Jesuit High School and Academy, Detroit Catholic High School.
MTH 402 MTH 405	O'Neill, John	Ph.D. Mathematics	Workshops using MAPLE Software, Ontario, Canada. Leader within Mathematics and Computer Science Department for purchase and installation in computer labs of MAPLE. Developed a tutorial for students to learn MAPLE. Regularly attends national and state conferences of the Mathematics Association of America and the American Mathematical Society.	<p>As he teaches classes in linear algebra and calculus at the undergraduate level, plus graph theory, discrete mathematics, and abstract algebra at undergraduate and graduate levels, he regularly reviews textbooks to ensure that his classes include the knowledge that K-12 teachers need according to State standards.</p> <p>Was part of discussion with Math Dept about how to respond to reviewer criticisms of earlier Math PR/PE submission. This required a review of teacher candidate preparation standards and the related K-12 Curriculum Framework and MEAP.</p>	Regularly publishes articles on algebra in national and international journals, including <i>Proceedings of the American Mathematics Society</i> , <i>Proceedings of the London Mathematics Society</i> , <i>Journal of Algebra</i> , and <i>Communication in Algebra</i> .	
MTH 111	Skaff, Michael	Ph.D. Mathematics	N/A	Was part of discussion with Math Dept about how to respond to reviewer criticisms	N/A	N/A

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				of earlier Math PR/PE submission. This required a review of teacher candidate preparation standards and the related K-12 Curriculum Framework and MEAP.		
MTH 141	Snyder, Katy	MS, Computer Science Comp Alg Sys	Completing a Ph.D. degree in Mathematics Education	Was part of discussion with Math Dept about how to respond to reviewer criticisms of earlier Math PR/PE submission. This required a review of teacher candidate preparation standards and the related K-12 Curriculum Framework and MEAP.		Has collaborated with Lincoln Park Public Schools to offer professional development to their 7-12 mathematics teachers