

Instructional Faculty

Institution: University of Detroit Mercy

Date: 5/10/05

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
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.			
MTH 482/MED 582	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.	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.

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MTH 142 MTH 241 MTH 477 MTH 478 MTH 481/MED 581 MTH 483/MED 583 MTH 484/MED 584 MTH 485/MED 585 MTH 486/MED 586	Boats, Jeffery J.	D.A., Mathematics University-level math education and linear algebra. Research specialties: computer tutorials, instructional technology, interdisciplinary science education	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.	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 Undergraduate Research (AJUR)	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) proposal
MTH 111 MTH 372	Dasgupta, Abhijit	Ph.D. Mathematics 1994, Berkley	None.	None.	Published two mathematic research papers.	None.
MTH 112 MTH 451	Kikas, Lazaros	Ph.D, Discrete Math	Attended Maple workshop, Siena Heights College	None	None	None

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MTH 140/480 MTH 427	Maggio, Dan	M.A., Pure and Applied Mathematics	N/A			Coordinator of UDM 4 th -12 th Detroit Area Pre-College Engineering Program (DAPCEP). Worked with teachers from high schools to 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 276 MTH 405 MTH 406 MTH 415	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.	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.	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 141	Snyder, Katy	MS, Computer Science Comp Alg Sys	Working towards a Ph.D. degree in MathED			Worked with Lincoln Park Public Schools