

Charles Mundy-Castle

Vitæ

Contact Information

DEPARTMENT OF MATHEMATICAL SCIENCES
UNIVERSITY OF TEXAS EL PASO
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Education

M.S. Mathematics
New Mexico State University, December 2004

B.S. Physics
New Mexico State University, December 2002

Selected Course Work

Differential Equations, Real Analysis, Complex Analysis, Modern Algebra,
Linear Algebra, Topology, Differential Geometry, Logic, Using Historical
Sources in Teaching Mathematics.

Teaching

UNIVERSITY OF TEXAS EL PASO

Full Time Faculty

August 2006-Present

Courses Teaching/Taught:

- Pre-Calculus
- Discrete Math
- Math for Social Sciences I and II
- Mathematics in the Modern World
- Calculus I
- Calculus II
- Differential Equations

NEW MEXICO STATE UNIVERSITY

Full Time Faculty (Temporary)

January-August 2006

Supervisor, Mathematics Learning Center

Courses Taught:

- Trigonometry
- College Algebra
- Calculus 1 (summer session)

DOÑA ANA BRANCH COMMUNITY COLLEGE

Adjunct Instructor

2005

Courses Taught:

- Algebra Skills (Introductory Algebra)

EL PASO COMMUNITY COLLEGE

Adjunct Instructor

2005

Courses Taught:

- College Algebra
- Business Algebra

NEW MEXICO STATE UNIVERSITY
Graduate Teaching Assistant
2003-2004

Courses Taught:

- Intermediate Algebra
- Trigonometry
- Differential Calculus
- Electromagnetism Lab

Courses Assisted:

- Modern Physics

Other Relevant Experience:

NEW MEXICO STATE UNIVERSITY
Tutor
2000-2002

Courses Tutored:

- Intermediate Algebra
- College Algebra
- Trigonometry
- Business Calculus
- Differential Calculus
- Integral Calculus

Honors & Awards

Deborah Louise Thomas Outstanding Tutor Award
New Mexico State University, 2001

Outstanding Graduating Senior Award, Department of Physics
New Mexico State University, 2002

Crimson Scholar Graduate (awarded to those with a GPA above 3.5)
New Mexico State University, 2002

Technology

Platforms: MS Windows, Mac OS X

Mathematical Software: Mathematica

Graphing Calculators: TI-82, 83⁽⁺⁾, 84, 85, 86, 89, 92

Miscellaneous: Excel, Word

Professional Associations

American Mathematical Association of Two Year Colleges (AMATYC)

Professional References

Dr. Maria Christina Mariani, Chair, Department of Mathematics
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Dr. Mohamed A. Khamsi, Professor, Department of Mathematics
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Kathleen Berver, College Professor (ret.), New Mexico State University
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Julian Viera, Lecturer and Director of the Modular Calculus Program
University of Texas El Paso
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Dr. Helmut Knaust, Associate Professor, Department of Mathematics
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