



Dr. Mark R. Bouwens
 Professor of Physics

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"Northeast Texas Community College exists to provide responsible, exemplary learning opportunities."

Education:

Institution	Major/Areas	Degree	Year(s)
Florida Institute of Technology	Physics /w Computer Science Minor	Bachelor of Science	1980-1985
University of Central Florida	Physics	Graduate Physics Program	1988-1991
U.S. Nuclear Regulatory Commission	Health Physics	14 Weeks Health Physics Training	1991-1997
Florida Atlantic University	Applied Mathematics - Statistics	Master of Science	2003-2005
Florida Atlantic University	Physics	Master of Science	1999-2011
Florida Atlantic University	Physics	Doctorate of Philosophy	1999-2011

Teaching Experience:

Institution	Year(s)
University of Central Florida	1988-1991
Palm Beach State College	2004-2011
Florida Atlantic University	2001-2011
Northeast Texas Community College	2011-present

Courses Instructed (or currently instructing) at NTCC:

Beginning Algebra
Intermediate Algebra
College Algebra
Ordinary Differential Equations
Solar System
Stars and Galaxies
Solar System with Lab
Stars and Galaxies with Lab
Introduction to Physical Science with Lab
General Physics I and II with Lab (trigonometry based physics)
Advanced Physics I and II with Lab (calculus based physics)

Courses Instructed at other Institutions:

Algebra I and II
Intermediate Algebra
College Algebra
Trigonometry
Calculus with Analytical Geometry I
Mathematics for the Liberal Arts
Finite Mathematics
Statistics
Methods of Calculus
Physical Science Lab
General Physics Lab I and II (trigonometry based physics lab)
College Physics Lab I and II (calculus based physics lab)

Significant Professional Publications/Presentations:

"Fractal Dimension Analysis of YBaCuO Thin Film Clusters" Modern Physics Letters B, Vol 7, No 18 (1993) 1209-1214
"Theoretical Study of Binary Allow Thin Film Growth" Florida Atlantic University, Dissertation