

GILBERT L. ADAMS

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EDUCATION

Doctorate of Education, Higher Education Administration, Regent University December 2013
Master of Science Engineering Management, University of Cincinnati December 1985
Bachelor of Science Nuclear Engineering, University of Cincinnati June 1982

EXPERIENCE

HII - Newport News Shipbuilding - Newport News December 1998 – present

Engineering Instructor, The Apprentice School – Department of Workforce Development and Training Services (O22).

STEM Courses of Instruction:

- . Science: Physics I & II with corresponding labs
- . Technology: Introduction to Computers including MS Office & Cloud Technologies
- . Engineering: Marine Engineering, Statics, Strength of Materials, & Thermodynamics
- . Math: Algebra, Geometry, Trigonometry, Pre-Calculus, & Applied Calculus.

Administrative Experiences:

- . Council on Occupational Education (COE): Chairperson for Standard 3 & member on Standards 4 & 11
- . Interviewer of Applicants for Admission
- . Course Manager and Curriculum Standardization Guide for Technical Math II
- . Faculty & Noel-Levitz Student Advisor
- . High School & College Fair Recruiter

Technology Experiences:

- . TAP award recipient for pioneering Computer Mediated Mathematics utilizing Academic Systems Interactive Math
- . OFI award recipient for pioneering LMS's: Blackboard and later MOODLE, also Administrator & Workshop Trainer
- . i-Apprentice: Utilizing Tablets in Training & Communication and Performance Support
- . Online & Hybrid Math Course Development and Design utilizing the MyOpenMath.com platform
- . Committee Chair for e-Book Project Development Team
- . Website Redesign and Development for www.as.edu: Committee Chair and Project Manger

Senior Engineer, Reactor Plant Planning Yard - Fluid Systems Department (E83).

Responsibilities included: piping, pumps, valves or component design, fluid flow filters, pressure drop, psychometrics and heat transfer calculations, pump sizing and valve selection. System and component design and research.

Tidewater Community College - Norfolk Campus July 1997 – July 1998

Special Project Coordinator and Lead Instructor, Academic Division.

Served the Provost of the College in the implementation of Computer Mediated Mathematics (CMM) and Online Interactive Mathematics. Duties included: the development of CMM web pages; course and syllabi development for Pre-Algebra to College Algebra; curriculum/instruction coordination; supervision of the computer lab and teaching assistants including trouble shooting hardware and software management; conducted comparison studies with traditional math sections.

Old Dominion University February 1995 - June 1997

Program Developer and Technical Trainer, College of Engineering and Technology - ACTE Program.

A workforce development program for BRAC technical personnel. Part of the startup team that hired 12 additional full-time faculty, developed curriculum models and the program course catalog. Courses of actual instruction included the following:

Effective Teamwork Principles
Engineering Management

Review of Engineering Fundamentals
Contemporary Leadership

Responsibilities included hiring and supervising adjunct faculty, also the development of instructor and student guides.

Norfolk State University August 1994 – May 2000

Adjunct Assistant Professor, Mathematics Department & Retention Enhance Education Program (REEP).

Instructed courses in mathematics:

General Math I & II

Mathematical Ideas

Pre-Calculus

Tidewater Community College - Norfolk Center

August 1993 - present

Adjunct Assistant Professor, Mathematics Department.

Instructed the following courses:

MTE 1-9 (MyMathLab)	Algebra I & II (Academic Systems & Thinkwell)	Applied Business Math
Pre-Calculus	Technical Math I & II	Applied Calculus

Hampton University

August 1993 - 1995

Adjunct Assistant Professor, Nuclear Engineering Technology Program, College of Continuing Education.

Instructed courses for Naval Nuclear Power students and Virginia Power - Reactor Operators. Taught:

Pre-Calculus	Calculus I	Calculus II
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University of Cincinnati**Part-time:** July 1983 - August 1993**Adjunct Assistant Professor**, Mechanical and Nuclear Engineering Department, College of Engineering.

Instructed courses in Thermodynamics for Mechanical Department and Alternate Energy Resources for the Nuclear Engineering Department. Also instructed Calculus for the Engineering Bridge Program.

Adjunct Assistant Professor, Mechanical Engineering Technology Department.

College of Applied Science. Promoted from Adjunct Instructor to Adjunct Assistant Professor. Instructed the same courses when I was a full-time Instructor. (See courses listed below)

University of Cincinnati**Full-time:** September 1983 - June 1989**Full-time Instructor**, Mechanical Engineering Technology Department (MET).

College of Applied Science. Instructed the following courses:

Fluid Mechanics	Mechanics of Materials I
Thermodynamics I	Mechanics of Materials II
Thermodynamics II	Thermodynamics of Fluids
Hydraulics	Thermal Environmental Systems I
Introduction to Nuclear Engineering**	Thermal Environmental Systems II
Turbomachinery**	Senior Design Project I
Energy Systems**	Senior Design Project II

Other Academic Responsibilities:

HVAC Evening Coordinator	Laboratory Development
Academic Advising	Faculty Search Committees
Secretary of Faculty Body	ASHRAE Student Chapter Advisor
Curriculum Revision Committee	<i>Note: **Courses I initiated and developed.</i>

PROFESSIONAL ACTIVITIES (past and present)

American Society of Engineering Education (ASEE), Member and Conference Committee Volunteer
 Virginia Community College System (VCCS), New Horizons Conference, Presenter
 Virginia's Collaborative for Excellence in the Preparation of Teachers, Presenter
 League for Innovation in the Community Colleges Conference, Presenter
 Virginia Society for Technology in Education (VSTE), Member and Presenter
 Virginia Mathematical Association of Two Year Colleges (VAMATYC), Presenter
 Association for Talent Development (ATD)-SEVA, Member
 Society of Applied Learning and Technology (SALT), Member
 National Society of Black Engineers (NSBE), Member

COMMUNITY INVOLVEMENT (past and present)

Youth Entertainment Studios (YES) – Board of Advisors, Grant Writer, Volunteer and Mentor
 New Life Christian Fellowship (Providence), Site Setup and Tear-down, Director
 West Kempsville Recreation Association (WKRA) - Basketball Coach
 Neighborhood Youth Soccer League (NYSL) - Soccer Coach
 Cincinnati Chapter of the Alzheimer Association (AA) - Board of Directors
 EPA Science and Technology Program – Volunteer and Mentor
 Cincinnati Academy of Math and Sciences (CAMS) – Volunteer and Mentor