

Ervin M. Howard

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6. Conduct formative reviews

- Consult with individual or groups of faculty on optimal design of online course development processes and procedures used by the development team.
- Provide back-up basic technical support and troubleshooting for course design issues.
- Serve as the quality assurance coordinator.

Faculty

2007-2014

Elizabeth City State University, Elizabeth City, North Carolina

Courses taught: *EDUC 203 Introduction to Computer Instructional Technology, EDUC 225 Explorations in Mathematics, and EDUC 170 Praxis I Math & EDUC 211A Early Field Experience for Elementary Majors: Introduction to Education*

- Teach 15-25 undergraduate students in 4 courses per semester.
- Instructed in both online and blended learning environments the principles of technology integration concepts and strategies to preservice teachers.
- Regularly meet with students outside class hours to provide additional guidance on course content.
- Managed course assignments and blended learning aspects using Blackboard.
- Created and incorporated YouTube video lectures as hyperlinks within Blackboard
- Participate regularly in department faculty meetings.
- Committee member of Elizabeth City State University's National Council for Accreditation of Teacher Education/ Council for the Accreditation of Educator Preparation (NCATE/CAEP) Technology Committee, NCATE Standards II Committee, Faculty Governance Committee, and the Resource Allocation Committee.

Interim Director of Instructional Technology

2007-2008

Elizabeth City State University, Elizabeth City, North Carolina

Courses taught: *EDUC 203 Introduction to Computer Instructional Technology*

- Teach 15-25 undergraduate students in 4 courses per semester.
- Instructed in both online and blended learning environments the principles of technology integration concepts and strategies to preservice teachers.
- Regularly assisted faculty members with trouble-shooting issues in software applications and Blackboard courseware management.
- Assisted faculty members and students in the infusion of technology and instruction with specific emphasis on computer and multimedia applications.
- Assisted faculty members in creating data reports using the LiveText electronic portfolio system.
- Managed all data downloads from LiveText in creating data displays for the Teacher Education Program and NCATE assessment reports for retention and successful graduation rates in meeting targeted teaching skills and performance of their specialty areas.

Faculty

2002-2007

Elizabeth City State University, Elizabeth City, North Carolina

Courses taught: *GE 115 College Algebra*, *GE 118 Pre-Calculus*, *MATH 141 Number Systems and Algebra*, and *GE 142 Geometry and Data Analysis*

- Teach 15-25 undergraduate students in 4 courses per semester.
- Instructed both online and blended learning environments for preservice teachers and non-teaching majors using Blackboard.
- Regularly meet with students outside class hours to provide additional guidance on course content.
- Participate regularly in department faculty meetings.

Adjunct Faculty

2001-2002

Elizabeth City State University, Elizabeth City, North Carolina

Courses taught: *GE 115 College Algebra*

- Teach 25-35 undergraduate students in 2 courses per semester
- Regularly meet with students outside class hours to provide additional guidance on course content.
- Instructed both online and blended learning environments for preservice teachers and non-teaching majors using Blackboard.
- Participate regularly in department faculty meetings.

Technology Assistant

1999-2002

Elizabeth City Middle School, Elizabeth City, North Carolina

- Provided on-going support of the media center and teachers utilizing computer and media equipment.
- Assisted in preparing LAN/hard disk backups for disaster recovery, hardware, and software installation.
- Maintained the SunSPARC workstation that housed the Eclipse server that operated the school's internet connection on a T-1 line.
- Maintained the Nutilizing computer and media

PROFESSIONAL EXPERIENCE

Product Support Representative
Canon Computer Systems Inc.

1995-September 1999

- Provided technical support to clients and customers of Canon products via telephone, electronic support, and written communication.
- Displayed effectiveness and competence in merging service with detailed translation when troubleshooting Canon's software and peripheral devices.
- Provided workable solutions to problems of diverse scope where analysis of data requires evaluations of identifiable factors
- Displayed a broad range and high level of technical proficiency in providing solutions to Canon clientele.
- Performed data-entry of all incoming call information in call-tracking Oracle database software program application for future problem resolutions.
- Assisted in promoting database marketing to customers in purchasing Canon's inks, paper products, and accessories.
- Provided advance troubleshooting and technical support for personal computers,

ACADEMIC RESEARCH PROJECTS

Elizabeth City State University, Elizabeth City, North Carolina

June 2014

- CReSIS (Center of Remote Sensing of Ice Sheets) educates students within a diverse multidisciplinary research team that focuses on global climate and remote sensing topics.
 - GPS/GIS Training workshop
Url link: <http://cerser.ecsu.edu/cresis/cmosp2014/collage-GPS.html>

Elizabeth City State University, Elizabeth City, North Carolina

2012-2016

- NASA-NICE (NASA Innovations in Climate Education) to empower faculty of education programs at Minority Serving Institutions to better engage preservice teachers in teaching and learning about global change through NASA Earth observation data sets
 - Creating climate change lessons for K-2 learning using the technology integration planning model (TIP Model)
Url link: <http://nia.ecsu.edu/nice/2013/fall2013lessons/>
 - STEM Connections for the EDUC 203 Introduction to Computer Instructional Technology course
Url link: http://nia.ecsu.edu/nice/2013/stem_connect/
 - Conducted a NASA NICE GPS Workshop for preservice teachers
Url link: <http://nia.ecsu.edu/nice/2012/121025gps/>

Elizabeth City State University, Elizabeth City, North Carolina

2002-2003

- GLOBE Training programs for undergraduate college students in learning environmental science through GLOBE protocol experimentation
 - GLOBE Hydrology Training
Url link: <http://nia.ecsu.edu/nrts/2002events/102302globe/globe.html>
Url link: <http://nia.ecsu.edu/nrts/2003events/120303hydro/hydro.html>
- GLOBE Training programs for middle and high schools in learning environmental science through GLOBE protocol experimentation
 - Conducted a pilot GLOBE program at a local community school
Url link: <http://nia.ecsu.edu/nrts/2003events/021303globe/globe.htm>
Url link: <http://nia.ecsu.edu/nrts/2003events/020603globe/globetrigg.htm>
Url link: http://nia.ecsu.edu/nrts/2001events/cw_web/cws2001.html

Colgate University, New York

1993

- Parallel Processing workshop using the OCCAM language.

INSTITUTIONAL SERVICE

- Committee member of the NCATE/CAEP Technology Committee 2012-2014
- Committee member of the NCATE Standards II Committee 2013-2014
- Committee member of the Hearing Committee 2010-2011
- Member of the SACS Undergraduate Committee 2009
- Conducted a professional faculty development workshops 2013-2014
 - iPad technology training
 - Introduction to Second Life

PRESENTATIONS

- NASA Pre-Service Teacher Conference (PSTC), 2003 at Alexandria, VA for presenting hydrology protocols.

POSTER PRESENTATIONS

- NASA NICE Climate Change Education: Best Practice for Incorporating Climate Change Pedagogy, 2013 at American Geophysical Union in San Francisco, California.

SPECIALIZED TRAINING

- KSR1 Training for AASERT training. 1994
(Argumentation Award for Science and Engineering Research)

PROFESSIONAL LICENSES

North Carolina State Board License: Department of Public Instruction

- Program Code/Status: Standard Professional II
Code/Area: Instructional Technology-Specialty. Telecommunications (K-12)

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Issued date and, if applicable, expiration date of the certification or license
Issued Dec 2020

- QM Quality Matters- Accelerated K-12 Reviewer Course for Higher Education (AK12RHE), Fifth Edition
Issuing authority: QM Quality Matters
Issued date and, if applicable, expiration date of the certification or license
Issued Oct 2020
- QM Quality Matters- QM Certified Online Facilitator Canvas Training
Issuing authority: QM Quality Matters
Issued date and, if applicable, expiration date of the certification or license
Issued Jun 2020
- QM Quality Matters-QM Coordinator Training
Issuing authority: QM Quality Matters
Issued date and, if applicable, expiration date of the certification or license
Issued Oct 2019
- QM Quality Matters
Rubric Update Role Reinstatement (RURR) Sixth Edition
Issuing authority: QM Quality Matters
Issued date and, if applicable, expiration date of the certification or license
Issued Sep 2019
- The University of Adelaide College
Certificate of Achievement: Project 101x : Introduction to Project Management
Issuing authority: The University of Adelaide College
Issued date and, if applicable, expiration date of the certification or license
Issued Apr 2018

Issued date and, if applicable, expiration date of the certification or license
Issued Sep 2017

- Great Lakes ADA Center
CIOC/SECTION 508 Webinar Session-CIOC Revised Section 508 Chapter 4 Hardware
(including Mobile)
Issuing authority: Great Lakes ADA Center
Issued date and, if applicable, expiration date of the certification or license
Issued Jul 2017

PROFESSIONAL AWARDS/RECOGNITION

- Peer Reviewer for the Online Journal Distance Learning Administration 2022
- Peer Reviewer for the Journal of Educators Online 2022
- Member of the University Professional and Continuing Education Association 2022
- Member of the Geological Society of America (GSA) 2014
- Member of the American Geophysical Union (AGU) 2013
- Association for Educational Communications and Technology (AECT) 2010
- Member of the Kappa Delta Pi Honor Society in Education 2004
- Cambridge Who's Who Among College Professors & Instructors- 2006 - 2007
- East Carolina University Kappa Delta Pi Honor Society in Education 2001
- Recipient of an ONR/NSA Research Award 1994
- Recipient of the Argumentation Award for Science and Engineering Research Training Program 1994
- Who's Who Among College Students- 1993
- Who's Who Among College Students 1992
- Recipient of the North Carolina Non-Service Scholarship 1984-1988
- Graduated Cum Laude/Elizabeth City State University 1988
- North Carolina State Government Summer Internship Program Recipient 1987

COMMUNITY INVOLVEMENT

- Member of New Life Assembly of God Church (Assemblies of God)
- Sunday School Teacher of biblical learning for the Adult Education class
- Former Webmaster & Designer of the New Life Assembly Church website
Url link: <http://www.newlifeassemblyec.com>
- Webmaster & Designer of the McDonough First Assembly of God Church website
Url link: <https://mcdonoughfirstag.org/>

- Conducted a community technology summer workshop at Elizabeth City State University
Url link: http://nia.ecsu.edu/nrts/2001events/cw_web/cws2001.html
- Assisted in a technology outreach program at a church in Windsor, North Carolina
Url link: http://nia.ecsu.edu/nrts/2003events/122203wndsr/nrts_windsor.htm

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