

Richard Andrew Hughen

Lecturer, Cybersecurity

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Professional Summary

Experienced higher education instructor with professional experience in the public and private sectors. Doctoral candidate with a hunger for lifelong learning and education. Trained and certified through Cisco, CompTIA, EC Council, ISC2, and SANS. Familiarity with multiple vendors, products, services, and systems.

Academic Appointments

Lecturer, August 2024 – Current

University of Southern Maine - Gorham, ME

- Evaluated student progress through regular assessments, providing detailed feedback for improvement and growth.
- Developed strong relationships with colleagues, collaborating on curriculum development and sharing best practices in teaching strategies.
- Advised students on academic planning and career development opportunities within their chosen discipline.
- Served on university committees focused on the appropriate use of AI and Curriculum for IDEC.

Lecturer II, August 2023 – August 2024

University of Southern Maine - Gorham, ME

- Arranged syllabus, developed schedule, and determined reading list for varied courses simultaneously, giving students appropriate time to complete assignments and absorb information.

- Increased student interest by incorporating real-world examples into lessons and connecting material to relevant experiences.
- Utilized distance learning technology to instruct graduate and undergraduate students in an online learning modality.

Instructor, August 2014 – August 2024

Central Maine Community College – Auburn, ME

- Implemented data-driven decision-making processes within the department that led to improved resource allocation decisions based on objective measures of performance indicators.
- Championed diversity, equity, and inclusion initiatives within the department, creating a welcoming environment for all students, staff, and faculty members.
- Enhanced department reputation through active participation in conferences, publications, and professional organizations.

Visiting Lecturer, September 2022 – May 2023

Bates College – Lewiston, ME

- Promoted critical thinking skills among students by integrating real-world examples into lectures, encouraging them to make connections between course material and everyday life situations.
- Provided constructive feedback on student assignments, offering guidance for improvement in future work.
- Enhanced student comprehension by utilizing various teaching methods and approaches tailored to individual learning styles.

Instructor, April 2009 – September 2009

Seacoast Career Schools - Sanford, ME

- Promoted a positive learning environment by establishing clear expectations and maintaining consistent classroom management techniques.
- Evaluated and revised course content to achieve student-centered learning.
- Tested and evaluated students on materials presented in workshops and classes.

Adjunct Instructor, August 2006 – May 2007

University of Southern Maine - Portland, ME

- Engaged students with insightful and compelling classroom discussions of topics relevant to coursework to boost student learning and retention.
- Promoted active learning by encouraging class participation and hands-on experiences during lessons.
- Strengthened critical thinking skills through problem-solving exercises and open-ended questions.

Industry Appointments

Helpdesk II, December 2011 – August 2014

City of South Portland - South Portland, ME

Digital Services Administrator, August 2006 – December 2011

Time Warner Cable – Portland, ME

Shift Supervisor, December 1996 – August 2006

CVS Pharmacy – South Portland, ME

Service Appointments

University of Southern Maine

- Core Curriculum Committee
- Cybersecurity Ambassador Program, Faculty Advisor
- IDEC Curriculum Committee
- NISS Academic Data Workgroup
- Program Advisory Committee, Department of Technology
- Provost's Artificial Intelligence (AI) Task Force

Previously Served

- Instructional Resource and Technology Committee, Central Maine Community College
- Lake Region Technical Center Computer Technology Advisory Board
- Lewiston Public Schools CSforALL Advisory Board
- Lewiston Regional Technical School Computer Technology Advisory Board
- Oxford Hills Regional Technical School Computer Technology Advisory Board
- Skills USA Cyber Security, Judge
- State of Maine MOOSE Project, Content Creator

Education

Ph.D.: Data Science, ABD, Expected August 2026

National University – San Deigo, CA

Dissertation Advisor: Dr. Mohamed Nabeel

- 4.0 GPA

MBA: Global Studies, May 2013

Southern New Hampshire University – Manchester, NH

- 3.953 GPA

Bachelor of Arts: Mathematics, December 2006

University of Southern, ME – Portland, ME

Concentration: Applied Mathematics / Operations Research

Bachelor of Science: Computer Science, August 2005

University of Southern, ME – Portland, ME

Minor: Economics

Professional Certificates

	Organization	Credential	Acquired	Expiration
Systems	CompTIA	A+ ce	2016	2030
	CompTIA	Server+	2021	Lifetime
	CompTIA	Cloud Essentials+	2020	Lifetime
	CompTIA	Cloud+ ce	2025	2028
	CompTIA	CloudNetX ce	2025	2028
	CompTIA	Project+	2023	Lifetime
	CompTIA	Tech+	2025	Lifetime
Networking	CompTIA	Network+ ce	2015	2030
	Cisco Systems	CCNA	2022	2026
Data	CompTIA	DataSys+ ce	2023	2026
	CompTIA	DataX ce	2024	2027
Security	CompTIA	Security+ ce	2016	2030
	CompTIA	CySA+ ce	2017	2030
	CompTIA	PenTest+ ce	2018	2030
	CompTIA	SecurityX ce	2018	2030
	ISC2	CISSP	2021	2027
	GIAC	GMOB	2016	2028
Research	CITI	Information Privacy and Security	2025	2028
	CITI	Conflicts of Interest	2025	2028
	CITI	Researchers - Social and Behavioral	2025	2028
	CITI	Responsible Conduct of Research	2025	2028

Memberships in Associations and Institutional Affiliations

CompTIA Instructor Network

Delta Mu Delta National Business Honor Society

Epsilon Pi Tau, Beta Chi Chapter National Honor Society

Institute for Electrical and Electronics Engineers

International Information System Security Certification Consortium

Omega Nu Lambda, Phi Chapter National Honor Society

Sigma Alpha Pi National Society of Leadership and Success

Courses Taught

Bates College

- DCS 109 Introduction to Computing and Programming
- DCS 210 Programming for Data Analysis and Visualization

Central Maine Community College

- CPT 127 Introduction to Python
- CPT 130 Introduction to Visual Basic
- CPT 227 Virtualization
- CPT 235 Introduction to Networking
- CPT 239 Advanced Networking Concepts
- CPT 240 Advanced Visual Basic
- CPT 250 Introduction to C
- CPT 272 Exchange and IIS
- CPT 281 Penetration Testing
- CPT 286 Security Analysis
- CPT 287 Database Security
- CPT 290 Introduction to Cyber Security
- CPT 296 Special Topics: Cloud Computing
- CPT 296 Special Topics: Mobile Applications
- CPT 296: Special Topics: Introduction to Data Science

University of Southern Maine

- COS 170 Java Programming Lab
- COS 255 Computer Organization Lab
- ITT 181 Computing Technologies
- ITT 383 Databases
- ITT 413 Ethical Hacking
- ITT 460 Capstone
- ITT 463 Virtualization and Cloud Computing
- CYB 576 Network Security Management
- CYB 583 Database and Application Security