

> Eric Bishop

Assistant Teaching Professor, Information Technology
The Polytechnic School, Ira A. Fulton Schools of Engineering
Arizona State University

Abridged CV · October 2026

ericbishop.com

linkedin.com/in/ericbishopaz

Engineering educator and former college chief information officer with 30 years in information technology and 20+ years teaching college. I teach programming, Linux systems administration, DevOps, and information security; re-engineered five core IT courses at ASU; and research sociotechnical alignment in AI as a PhD student in Human Systems Engineering.

EDUCATION

PhD, Human Systems Engineering

In progress

Arizona State University. Research focus: human factors, organizational incentives, and ethical considerations in AI development and governance.

MS, Computer Information Systems (Information Security)

2009

Boston University

ACADEMIC AND PROFESSIONAL APPOINTMENTS

Assistant Teaching Professor, Information Technology

2021 to present

Arizona State University, The Polytechnic School

- Undergraduate courses in programming, UNIX and Linux systems administration, shell scripting, and information security, online and on campus; 2,500+ students taught since 2021.
- Course coordinator for IFT 101, 250, 383, and 488; mentor part-time instructors teaching coordinated courses.

Faculty and Department Chair, Computer Information Systems

2016 to 2021

Northland Pioneer College, Show Low, Arizona

- Taught programming, security, operating systems, digital forensics, and ethical hacking across delivery formats.
- Led faculty supervision, scheduling, assessment, budgeting, hiring, curriculum revisions, and articulation alignment.
- 1,000+ students taught at Northland Pioneer College, 2006 to 2021.

Lecturer, Computer Information Technology, Extended Campuses

2015 to 2016

Northern Arizona University, Flagstaff, Arizona

Full-time online undergraduate teaching; advised about 150 online students from enrollment through completion.

Founder and President

2014 to present

Bishop Technology Solutions, LLC

Software company that makes OliType (Mac dictation) and Find The Hits (sports card app for iPhone and iPad) and builds websites and custom software for clients.

Lecturer, Computer Science, Metropolitan College Boston University Part-time online graduate instruction in Computer Information Systems; supervised teaching assistants and refreshed curricula and assessments. Lead Online Facilitator, 2009 to 2013. 1,000+ graduate students taught.	2013 to 2019
Chief Information Officer and Director of Information Services Northland Pioneer College, Holbrook and Show Low, Arizona President's Executive Cabinet. Led about 20 full-time staff, institutional technology strategy, information security, and multi-campus systems modernization. Administrator Emeritus.	2010 to 2015
Faculty, Computer Information Systems Northland Pioneer College Taught computing courses, developed curriculum, and led instructional and management activities for a US Department of Labor grant partnership with IBM.	2006 to 2010
Founder and President Scottsdale Hosting, Phoenix, Arizona Database-driven websites and web applications, client project management, and hosting systems.	2002 to 2006
Noncommissioned Officer United States Marine Corps, Yuma, Arizona Aviation weather operations, personnel supervision, and Windows and UNIX systems administration. Honorable discharge.	1997 to 2001

HONORS AND AWARDS

Top 5% Teaching Award, Ira A. Fulton Schools of Engineering	2026
Lethal Forensic challenge coin, SANS (Windows Forensic Analysis, FOR500)	2019

CURRICULUM DEVELOPMENT

Re-engineered five core IT courses at ASU: IFT 101, 202, 250, 383, and 488	2022 to 2026
- Lead faculty member, course author, and subject-matter expert for each; complete rebuilds with learning objectives aligned to the program's ABET student outcomes, new assessments, and studio-produced instructional videos with the Fulton Schools Learning and Teaching Hub. - Aligned ASU's Linux courses (IFT 250 and 488) with the Red Hat Certified System Administrator (RHCSA) exam through Red Hat Academy. - Replaced a hardware-dependent IFT 101 module with a Python, SQLite, and Flask web-development module, lowering cost and setup barriers for online students. - Other faculty now teach from the re-engineered IFT 101 and IFT 202.	

SERVICE

Faculty coach, Fulton Schools Learning and Teaching Hub Co-lead the Learning Communities Community of Practice.	2024 to present
Academic Integrity Committee, Fulton Schools	2024 to present

New Faculty Advisory Council, Fulton Schools Mentor new engineering faculty.	2021 to present
IFT 101 Learning Community Coordinator	2023 to present
Faculty mentor, Barrett Honors Contracts (2 completed)	2023 to 2024
Session leader, Fulton Schools E2 Camp	2022 to 2024
POLYPiPy student club (Python and Raspberry Pi), founding framework	2026
Local Board Chair, Region 3, United States Selective Service System	2017 to present
Commissioner and Chairman, City of Show Low Planning and Zoning Commission	2012 to 2021
Board President, Northland Pioneer College Friends and Family Foundation	2015 to 2017
Past President, Arizona Community College Technical Officers Council	2013 to 2014
Former Peer Reviewer, Higher Learning Commission	

PRESENTATIONS

Implementing Online Learning Communities Future of Learning Community (FOLC) Fest, Arizona State University (co-presenter)	2024
Managing Information Technology: Focus on the People, not just the Technology Community Colleges of Arizona Information Technology Symposium	2014
COBIT and ITIL Community Colleges of Arizona Information Technology Symposium	2013
From Chaos to Stellar: Three Years that Transformed a College Higher Learning Commission Annual Meeting	2010

CERTIFICATIONS

- | | |
|---|----------------------|
| • GIAC Certified Forensic Examiner (GCFE) | • COBIT 5 Foundation |
| • GIAC Critical Controls Certification (GCCC) | • ITIL v3 Foundation |

PROFESSIONAL MEMBERSHIPS

IEEE and IEEE Computer Society, 2025 to present.

This is an abridged CV. A complete curriculum vitae is available on request through ericbishop.com.