



Ricardo S. Vargas, MS

ASSISTANT PROFESSOR · INFORMATION TECHNOLOGY

CONTACT

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PROFILE

Dedicated information technology professor with more than three decades of IT experience and a lifelong passion for teaching. Specializes in fully online instruction, hands-on technical course design, and preparing students for industry certifications and the IT workforce.

EDUCATION

Graduate Certificate, Learning Design & Technology

Harvard University · 16 graduate credits
2026

M.S., Educational Computing & Technology

Barry University · Specialization: Computer Science Education
1996

B.P.S., Management Information Systems

Barry University
1994

Graduate Coursework, Communications & Performance Studies

Harvard University · 16 graduate credits
2011

CERTIFICATIONS

- Microsoft Certified Systems Engineer (MCSE)
- CompTIA Network+
- CompTIA A+
- Novell Certified Network Administrator (CNA)

TECHNICAL SKILLS

Ricardo S. Vargas

- Windows & macOS (highly proficient)

Professional Experience

Broward College — Fort Lauderdale, Florida

Assistant Professor of Information Technology (Aug 2022 – Present)

Full-Time Temporary Instructor (Aug 2018 – Aug 2022)

- Teach fully online courses in Microsoft Office, CompTIA A+, Network+, Security+, and Linux+.
- Developed and redeveloped many online courses, including CTS1111C, CTS1133C, CTS1134C, CTS2120C, and ISM3309C.

Broward College — Fort Lauderdale, Florida

Adjunct Computer Instructor (Jan 2001 – Jul 2018)

- Taught Microsoft Office, A+ Hardware, A+ Software, and Network+.
- Developed online courses CET2486C, CGS1540C, CIS1001C, COP1700C, CTS1111C, CTS1133C, CTS1134C, and CTS2131C.

The School Board of Broward County — Fort Lauderdale, Florida

Capital Systems Network Administrator (Aug 1998 – Present)

- Plan and coordinate effective interactions between schools, administrative offices, and Educational Technology Services (ETS) regarding local- and wide-area network requirements and data-network interfaces for existing and future applications.
- Investigate, analyze, and recommend emerging network technology; approve user hardware and software selections to meet District specifications prior to procurement.
- Maintain adequate levels of hardware and software inventory for the department's micro-computer and LAN/WAN needs; integrate data security and integrity considerations into network design and operating systems.
- Ensure the integrity and performance of the local- and wide-area network; maintain the Capital Systems domain and all users within it, including Active Directory security groups.
- Supervise the Microcomputer Specialist and coordinate with ETS and the Facilities Department on shared network concerns and project status.
- Develop construction-related databases in Microsoft Access; maintain and support SQL, IIS, and FileMaker Pro applications; provide desktop support to Finance Division personnel.

Miami Dade College — Kendall, Florida

Adjunct Computer Instructor (Jun 2018 – May 2019)

- Taught CGS1060C in face-to-face and blended (hybrid) formats.

The Vincam Group — Coral Gables, Florida

Technical Support Engineer / Help Desk Administrator (Jul 1996 – Aug 1998)

- Monitored and evaluated Novell networking standards and adherence to those standards across all network activities.
- Developed, implemented, and evaluated system-development standards, operating procedures, security, communications, backup, and disaster-recovery procedures for the Novell server.
- Created support documentation for the IS help desk and the Novell server; prepared reports on help-desk and network issues for administrators.
- Analyzed software to validate that existing and new network applications functioned as expected; provided company-wide help-desk support.

Dade County School Board — Miami, Florida

Support Engineer (Feb 1996 – Jul 1996)

- Provided hardware and software support to end users; created user accounts and performed daily server backups.

HIGHLIGHTS

- 30+ years of information technology experience
- Fully online faculty, Broward College Online
- Harvard graduate certificate in online learning design
- Manager, STEM-IT Certification Institute

AREAS OF FOCUS

- Online course design & development
- CompTIA A+, Network+, Security+, Linux+ preparation
- Network administration & systems support
- Student certification & workforce readiness

Professional Experience (continued)

Florida Computer and Business School — Miami, Florida

Computer Instructor / Career Placement Coordinator (Jun 1995 – Apr 1996)

- Taught software packages, programming languages, hardware, and accounting; assisted students in developing their professional computing careers.

Barry University — Miami Shores, Florida

Supervisor of Academic User Services (Dec 1991 – May 1995)

- Maintained the University's computer lab and classrooms; managed the purchasing of computer equipment and supplies.
- Coordinated IT class scheduling and allocated lab space for non-IT class use.
- Managed classroom hardware and performed classroom software installation.
- Provided technology training to faculty and staff.
- Produced various large editing projects, including Annual Reports and the SACS self-study.
- Supervised the evening lab manager and a staff of student workers.

National School of Technology — Hialeah, Florida

Microcomputer / Business Instructor (Jun 1991 – Jun 1992)

- Taught software packages, programming languages, hardware, and accounting classes.

Professional Development

2025 (Fall)	Introduction to Instructional Design — Harvard University, 4 graduate credits
2025 (Spring)	Designing Online Courses — Harvard University, 4 graduate credits
2023 (Fall)	Introduction to Media Production — Harvard University, 4 graduate credits
2023 (Spring)	Exploring Digital Media — Harvard University, 4 graduate credits
2022	Certificate in Effective College Instruction (Effective Online Teaching Practices) — ACUE, 68 hours
2022	CompTIA Cloud+ (CV0-003) — New Horizons, 40 hours
2021	Microsoft Azure Administration — New Horizons, 40 hours
2020	CompTIA Linux+ (XK0-004) — New Horizons, 40 hours
2019	CompTIA Security+ (SY0-501) — New Horizons, 40 hours
2018	Deploying Windows Desktop and Enterprise Applications — New Horizons, 40 hours

College Service

2023–2026	Manager, Certification Institute (STEM-IT, College-wide)
2022–2026	Member, Online Campus Grade Appeal Committee
2025–2026	Member, Environmental Sustainability Committee
2025–2026	Chair, New Initiatives Sub-committee
2022–2025	Member, College-wide Digital Divide Committee
2022–2023	Member, Online Campus Professor of the Year Selection Committee
2022–2023	Faculty Sponsor, Latinos in Action Club