

HUSIEN SALAMA

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My teaching philosophy centers on clarity, application, and inclusion. I strive to make complex engineering concepts accessible by combining structured explanations with real-world examples and experiential learning. In computer engineering and technology courses, I emphasize project-based instruction, laboratory integration, and problem-solving approaches that mirror professional practice. I have experience teaching and supporting courses such as digital systems, electronics, embedded systems, programming, and interdisciplinary engineering labs. My goal is to help students not only understand how systems work, but also gain confidence in designing, building, and troubleshooting them.

Beyond the classroom, I am committed to curriculum development that aligns with evolving technological trends. Areas such as embedded systems, IoT, computer hardware/software integration, and applied computing technologies are of particular interest to me. I aim to develop learning experiences that bridge theory with practical implementation, ensuring graduates are well prepared for both industry roles and advanced study.

My research and technical background complement my teaching by allowing me to bring current engineering practices into the classroom. I value collaboration and have worked effectively in multidisciplinary environments, contributing to team-based projects and mentoring students in technical and professional development. Service to the department and university community is also important to me, and I look forward to supporting student advising, accreditation efforts, and outreach initiatives.

I am excited about the opportunity to contribute to your program's growth and to support student success through high-quality instruction, mentorship, and innovation in teaching. Thank you for considering my application. I would welcome the opportunity to discuss how my experience and interests align with your department's goals.

Sincerely,

Husien Salama, Ph.D.