COMPUTER SCIENCE • IT • DEVELOPMENT

COMPUTER SCIENCE I
This course covers the fundamentals of computer problem solving and programming. This course will be offered fall 2020.

COMPUTER SCIENCE II
This course covers the fundamentals of algorithms and object oriented software development. For a full course description refer to catalog at catalog.sunyulster.edu.

TO REGISTER FOR CREDIT CLASSES
visit www.sunyulster.edu/admissions/start_here/step_2
Deadline to register for credit classes without a penalty is January 13, 2020. Students registering for 6 or more credits will need to show proof of immunizations.

MEET SUNY ULSTER’S…
ASSISTANT PROFESSOR OF COMPUTER SCIENCE & COMPUTER SCIENCE PROGRAM COORDINATOR, JOHN SHEEHAN.


Prior to joining SUNY Ulster he was founder and CEO of PrecisionCare, an electronic medical record software company in New Paltz, and an engineer and software development project manager at IBM Poughkeepsie. John received his B.S. in Electrical Engineering from SUNY New Paltz and a Masters of Engineering in Computer Engineering and Master of Business Administration in Management and Technology from Rensselaer Polytechnic Institute.

WEB APPLICATION DEVELOPER CREDENTIAL
This credential is designed to prepare students for a career in Web Application development. This 16-credit program is designed to fit within SUNY Ulster’s A.S. Computer Science degree program. The program curriculum is made up of two courses in Computer Science and two courses in Web Development.

WEB APPLICATION DEVELOPMENT I
This course explores the web development processes and tools used to support the creation of websites and web applications. This course will be offered fall 2020.

WEB APPLICATION DEVELOPMENT II
This course covers advanced web application development frameworks, languages and techniques such as Ruby on Rails, jQuery, Angular JS, PHP and Node.js. Students work in teams to develop real-world web application projects. For a full course description refer to catalog at catalog.sunyulster.edu.

MOBILE APPLICATION DEVELOPER CREDENTIAL
This credential is designed to prepare students for a career in developing mobile applications for tablets and smartphones using both the Android and Apple iOS Operating Systems. This 16-credit program is designed to fit within SUNY Ulster’s A.S. Computer Science degree program. The program curriculum is made up of two courses in Computer Science and two courses in Mobile Application Development.

MOBILE APPLICATION DEVELOPER CREDENTIAL
This course will be offered fall 2020.

ANDROID APP DEVELOPMENT
This course prepares the student to be a mobile application developer for Apple iOS devices such as the iPhone and iPad using Swift, a new programming language from Apple. For a full course description refer to catalog at catalog.sunyulster.edu.

APPLE iOS DEVELOPMENT
This course prepares the student to be a mobile application developer for Apple iOS devices such as the iPhone and iPad using Swift, a new programming language from Apple. For a full course description refer to catalog at catalog.sunyulster.edu.

CSC 215-S01 ONLINE 1/21-5/15 $825

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