

Software Engineering Technology (SET)

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The Software Engineering Technology degree program focuses on the design, development, implementation, and maintenance of software used in industry. Along with core math and science classes, SET students gain knowledge of computer operating systems and software development using various programming languages. Graduates are prepared to enter the workforce as skilled computer programmers and systems integrators, and also are well-prepared to enter a Bachelor of Science degree program in engineering, engineering technology, or computer science.

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All degree-seeking students must complete a First Year Experience (FYE) course as part of the first 12 credit hours taken at Cincinnati State.

Semester 1		Credits
IT 101	.NET Programming 1	3
ENG 101	English Composition	3
IT 110	HTML with CSS and JavaScript	4
IT 111	Database Design and SQL 1	4
MAT 126	Functions and Calculus	4
CIT 190	Career Preparation: Engineering and Information Technologies	1
Semester 2		
IT 102	.NET Programming 2	4
ENG 10X English Composition Elective		3
PHY 151	Physics 1: Algebra and Trigonometry-Based	4
SET 151	C Programming 1	4
Semester 3		
SET 291	Full-Time Cooperative Education 1: Software Engineering Technology	2
Semester 4		
IT 103	.NET Programming 3	4
IT 161	Java Programming 1	4
COMM 1XX Communications Elective		3
SET 252	C Programming 2	4
Semester 5		
EET 101	Electronic Fundamentals 1	4
CULT 110	Social Issues in Technology	3
ECO 1XX Economics Elective		3
SET 253	C Programming 3	4
SET 290	Software Engineering Technology Capstone	3
Semester 6		
SET 292	Full-Time Cooperative Education 2: Software Engineering Technology	2
Total Credits:		70

Electives

English Composition Elective

ENG 102	Composition and Argument	3
ENG 103	Composition and Literature	3
ENG 104	Composition and Technical Communication	3
ENG 105	Composition and Business Communication	3

Communication Elective

COMM 105	Interpersonal Communication	3
COMM 110	Public Speaking	3
Economics Elective		
ECO 105	Principles of Microeconomics	3
ECO 110	Principles of Macroeconomics	3