

Concurrent Degree

The CSET Department provides the opportunity for the interested student to earn a bachelor's degree in computer engineering technology *and* software engineering technology concurrently. Such concurrent degree holders are highly sought after in industry since they know and understand both the hardware and software aspects of computers. The purpose of the concurrent CET/SET Degree Program is to challenge the brightest and most motivated students to become even better prepared for the job market, extending their time in college by an additional year. To obtain both degrees, students must complete the following listed courses along with the courses required for the Bachelor of Science degree in Computer Engineering Technology with the exception of WRI 327, the CST elective and the MATH elective.

CST 136	Object-Oriented Programming with C++	4
CST 211	Data Structures	4
CST 229	Introduction to Grammars	4
CST 236	Software Systems Testing	4
CST 238	Graphical User Interface Programming	4
CST 276	Software Design Patterns	4
CST 320	Compiler Methods	4
CST 324	Database Systems and Design	4
CST 334	Project Proposal	1
CST 352	Operating Systems	4
CST 412	Senior Development Project	3
CST 422	Senior Development Project	3
CST 432	Senior Development Project	2
CST 415	Computer Networks	4
	CST Technical electives*	9
	MATH elective**	3/4
MATH 465	Mathematical Statistics	4
WRI 327	Advanced Technical Writing	
	or	
WRI 350	Documentation Development	3

* One elective must be a CET hardware technical elective—a Hardware CST 407, CST 345 or CST 456.

* One elective must be a SET software technical elective—CST 346, CST 356, CST 405, a Software CST 407, CST 425, CST 426, CST 462, CST 465 or CST 466.

** MATH 321, MATH 322, MATH 327, MATH 341, MATH 342, or MATH 451.