

Computer Engineering Technology- Web Emphasis

Associate in Applied Science

Program/CIP Code: CETE.WE.AAS/15.1201

Credits Required: 67

Division: TEC

Contact: CIST@kckcc.edu

The Department of Computer and Information Systems Technology (CIST) is committed to meet the needs of the students who are enrolled in our programs. We are committed to excellence in teaching. We provide quality transfer courses, general education courses, prerequisites within vocational programs, and vocational courses.

Requirements for Admission to the program:

- No requirements for admission to the program.
- Contact program for program-specific advising.

College Requirement

	Course	Credit Hours
BLUE 0101	Freshman Seminar	1

General Education Requirements

	Course	Credit Hours
ENGL 0101	Composition I*	3
ENGL 0102	Composition II* or	3
ENGL 0206	Technical Writing	
SPCH 0151	Public Speaking OR	3
SPCH 0201	Interpersonal Communication	
ENGR 0104	Applied Math** or Math Elective	3
	Humanities Elective	3
	Social Science Elective	3
	Natural and Physical Science Elective	3
Total Hours for General Education Requirements		21
* See course description for prerequisite.		
** Math sequence is contingent upon previous high school mathematics background and transfer institution. Students should confer with an advisor to determine correct placement.		

Computer Engineering Technology Requirements*

Course		Credit Hours
CIST 0101	Computer Concepts and Applications	3
CIST 0111	Microcomputer Business Software	3
CIST 0117	Networking I	3
CIST 0137	HTML Web Page Development	3
CIST 0147	Programming Fundamentals	4
CIST 0180	Programming Algorithms	4
CIST 0191	Discrete Structures	4
CIST 0214	Home Computer Repair/Maintenance	4
CIST 0232	UNIX Scripting and Utilities	3
Web Application Electives		
CIST 0150	Web Graphics and Multimedia (3hrs)	14
CIST 0151	Structured Query Language (SQL) (3hrs)	
CIST 0152	JavaScript (3hrs)	
CIST 0230	Advanced Web Page Design (3hrs)	
CIST 0272	Server Side Programming Using PHP (3hrs)	
CIST 0299	Industrial Internship (Computer) (3hrs)	
Total Hours for Computer Engineering Technology Requirements		45
*See course syllabi for Computer Engineering Technology course prerequisites.		

Total Hours for an Associate in Applied Science in Computer Engineering Technology Degree	67
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