

Texas A&M University-Central Texas

Name _____ SSN _____ Date _____

Bachelor of Science in Computer Science (2009-2010)

General Education Requirement	Course Number (w/TCCNS equivalent)	Institution	Complete
Communications (010) 6 hours	ENGL 111 (ENGL 1301) Composition I		
	ENGL 112 (ENGL 1302) Composition II		
U. S. History (060) 6 hours	HIST 201 (HIST 1301) U.S. History through 1877		
	HIST 202 (HIST 1302) U.S. History Since Reconstruction		
Political Science (070) 6 hours	POLS 201 (GOVT 2302) American National Government		
	POLS 202 (GOVT 2301) Texas Government		
Speech (011) 3 hours	COMS 101 (SPCH 1311) Fundamentals of Speech COMS 102 (SPCH 1315) Public Speaking COMS 301 (SPCH 1321) Business & Professional Speaking		
Humanities (040) 3 hours	Literature course in English or PHIL 101 (1301) Intro to Philosophy		
Natural Science (030) 8 hours	PHYS 122 (PHYS 2425) Principles of Physics I		
	PHYS 242 (PHYS 2426) Principles of Physics II		
Mathematics (020) 3 hours	MATH 107 (Math 1314) College Algebra		
Social/Behavioral Science (080) 3 hours	See TAMU-CT General Education Requirements below ²		
Visual/Performing Arts (050) 3 hours	See TAMU-CT General Education Requirements below ²		
Wellness (090) 2 hours	HLTH 101 (PHED 1304) or 2 hours of activity P.E.		

Major Requirements	Hours	Institution	Complete
C S 110 Procedural Programming	3		
C S 221 Object Oriented Programming	3		
C S 230 GUI Development	3		
C S 241 Data Structures	3		
C S 248 Introduction to Digital System Design	3		
C S 343 Computer Architecture	3		
C S 380 Operating Systems	3		
C S 389 Introduction to Software Engineering	3		
C S 401 Database Theory and Practice or CIS 401	3		
C S 451 Distributed Applications	3		
C S 478 Computer Networks	3		
ENGL 309 Technical Writing	3		
MATH 131 (MATH 1342) Introduction to Probability and Statistics	3		
MATH 209 (MATH 2414) Calculus II	4		
MATH 310 Discrete Mathematics	3		
PHYS 122 (PHYS 2425) Principles of Physics I¹	4		
PHYS 242 (PHYS 2426) Principles of Physics II¹	4		
Support Area	12		
Advanced Support Area (300 or 400 level)	12		

Total hours: 128

****Please note that courses in bold are lower level courses that must be taken at one of our two-step transfer colleges (Central Texas College, Temple College) or at another university.****

¹ This course counts toward the general education and the major requirement.

² Select from the appropriate section of the General Education Course List in the 09-10 catalog.