

Central Texas College District
Associate of Applied Science in Programmer Analyst (AAS-CSB15) (AAS-CSBP)

SOCAD-2 Network: Computer Studies

Fort Hood, TX; Fort Polk, LA; Fort Wainwright, AK. Japan: Camp Zama; Yokota AB; Misawa AB. Korea: Camp Carroll; Camp Casey; Camp Colbern; Camp Henry; Camp Hovey; Camp Humphreys; Camp Long; Camp Red Cloud; Camp Stanley; K-16 Army Airfield; Kunsan AB; Osan AB; Yongsan AG. Okinawa: Kadena AB.

Degree Objective- Prepares graduates for entry-level positions in large organizations such as the banking and insurance industry as programmers. The degree plan comprises 60 semester credit hours, of which 43 are in several different programming languages, and computer applications. This degree program may be appropriate for transfer into a bachelor-level degree program.				POINT OF CONTACT Debbie Hansen, Director of Evaluations P.O. Box 1800, Killeen, TX 76540 (254) 526-1394 or (800) 792-3348, ext. 1394 (254) 526-1481 FAX ctc.socad@ctcd.edu www.ctcd.edu						
Academic Residency- 15 semester hours										
DEGREE REQUIREMENTS				SOC CAT.	HOME COLLEGE	ARMY SCHOOL	ARMY MOS	TESTS	CERT/LIC	DIST LRNG See Note 2
General Education				16-17 SH						
English				6 SH						
ENGL	1301	Composition I		3	EN201A	X		X		X
ENGL	2311	Technical and Business Writing		3						
Humanities/Fine Arts Selection				6 SH						
HUMA	1315	Fine Arts Appreciation		3						
and one course from the following selection										
PHIL	2306	Introduction to Ethics	OR	3		X		X		X
PHIL	2307	Introduction to Social and Political Philosophy	OR	3		X				X
PSYC	2301	General Pyschology	OR	3		X		X		X
PSYC	2315	Pyschology of Adjustment		3		X				X
Mathematics				3 SH						
MATH	1314	College Algebra		3	MH048A	X		X		X
Major Requirements				45 SH						
CETT	1325	Digital Fundamentals		3		X				
COSC	1301	Introduction to Computing		3		X				X
IMED	1316	Web Design I		3		X				X
ITNW	1337	Introduction to the Internet		3	CS106A	X				X
ITNW	1358	Network+		3		X				X
ITSC	1309	Integrated Software Applications I		3	OF033A	X	X			X
ITSC	1325	Personal Computer Hardware		3		X				X
ITSE	1302	Computer Programming (Visual Basic)		3		X				X
ITSE	1329	Programming Logic and Design		3		X				X
ITSE	2402	Intermediate Web Programming (PHP/Scripting/Mobile Apps)		4	CS403A	X				X
ITSE	2421	Object-Oriented Programming (C++)		4	CS228A	X				X
ITSW	1307	Introduction to Database		3		X	X			X
ITSY	1342	Information Technology Security (CompTIA Security+)		3	CS511A	X				X
ITSE	2459	Advanced Computer Programming (C#)		OR		X				X
ITSE	2486	Internship-Computer Programming/Programmer, General		4		X				X
Free Elective				0-1 SH						
		Free Elective				X	X	X	X	X
Total Credits				60 SH						

- Notes:**
- 1) An "X" in a column indicates that the Institution guarantees to accept credit from the source shown for at least part of the requirement.
 - 2) This column indicates whether a school accepts transfer credit for courses taken through distance learning. It does not mean that the school offers the course through distance learning.
 - 3) A course may be used toward one requirement only.
 - 4) Only lower-level courses are accepted in transfer unless a CTC equivalent course is listed in the appropriate SOC transfer guarantee.
 - 5) The student is responsible for meeting course prerequisites. It is recommended that the student take placement tests prior to enrolling in mathematics, reading-intensive, and writing courses. Based on scores, the student may be required to take a series of developmental study courses.
 - 6) A student opting to take the higher number of credits in a requirement area with a range of credits may request an override to exceed the maximum number of credits required for degree.
 - a) Mathematics courses may include DSMA 0101 Basic Developmental Mathematics, DSMA 0120 Mathematics Lab, DSMA 0300 Developmental Mathematics I, DSMA 0301 Developmental Mathematics II, DSMA 0303 Developmental Mathematics IV, DSMA 0304 Fundamentals of Mathematics II, DSMA 0305 Pre-Algebra, DSMA 0306 Introductory Algebra, DSMA 0307 Intermediate Algebra, DSMA 0309 Fundamentals of Algebra, and/or DSMA 0310 Intermediate Algebra.
 - b) Reading courses may include DSRE 0101 Developmental Reading, DSRE 0300 Developmental Reading I, DSRE 0301 Developmental Reading II, DSRE 0302 Fundamentals of Reading I, DSRE 0303 Fundamentals of Reading II, and/or DSRE 0311 Developmental Reading II.
 - c) Writing courses may include DSWR 0301 Developmental Writing I, DSWR 0302 Developmental Writing II, DSWR 0303 Fundamentals of Writing I, DSWR 0304 Fundamentals of Writing II, and/or DSWR 0311 Developmental Writing II.
 - 7) The non-native English speaking student may be required to take English-as-a-Second Language courses in reading, speaking, and writing.

a) Reading courses may include DSLA 0310 Reading and Vocabulary I, DSLA 0320 Reading and Vocabulary II, and/or DSLA 0330 Reading and Vocabulary III.

b) Speaking courses may include DSLA 0323 Academic Listening and Speaking I, DSLA 0322 Academic Listening and Speaking II, DSLA 0332 Academic Listening and Speaking III, and/or DSLA 0340 Accent Reduction.

c) Writing courses may include DSLA 0314 Writing I, DSLA 0315 Grammar I, DSLA 0318 English for Foreign Students I, and/or DSLA 0321 Writing II.

* If the student takes more than 16 SH in general education, the number of hours required in free electives is reduced accordingly to meet the minimum 60 semester hours required for the degree. For example, if the student takes 17 SH in general education, the student takes 0 SH elective. The student may also use credit awarded for MOS or military service school.

Date Effective:	1-Oct-16
Term Effective:	T640