

**Bachelor of Science in Computer Information Systems (CIS SEDD)
 With a Software Engineering and Database Design Support Area
 Two-Step Transfer Guide**

Lower Level Courses taken at Central Texas College

Central Texas College Semester I

Course	Course Name	SCH
ENGL 1301	English Composition I	3
HIST 1301	United States History I	3
Natural Science w/Lab ¹	See Note Below	4
ACCT 2301	Prin. of Financial Acct.	3
MATH 1414 or higher	College Algebra	4
PHED 11XX	Physical Education	<u>1</u>
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Central Texas College Semester II

Course	Course Name	SCH
ENGL 1302	English Composition II	3
HIST 1302	United States History II	3
Natural Science ²	See Note Below	3
ARTS/DRAM/MUSI ³	See Note Below	3
COSC 1300	Introduction to Computing	3
PHED 11XX	Physical Education	<u>1</u>
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Central Texas College Semester III

Course	Course Name	SCH
ENGL 22XX	English Literature	3
GOVT 2301	American Government I	3
CIS Elective ⁵	See Note Below	3
Elective ‡	See Definition Below	3
Elective ‡	See Definition Below	3
Elective ‡	See Definition Below	<u>3</u>
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Central Texas College Semester IV

Course	Course Name	SCH
GOVT 2302	American Government II	3
SPCH 1XXX	Speech Elective	3
Social/Behavioral Science ⁴	See Note Below	3
Elective ‡	See Definition Below	3
Elective ⁶	See Note Below	3
Elective ⁶	See Note Below	<u>3</u>
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Upper Level/Advanced Courses taken at Texas A&M University-Central Texas

TAMU-CT Semester I

Course	Course Name	SCH
MGMT 301	Principles of Management	3
G B 311	Business Statistics	3
CIS 347	Data Communications	3
CIS Adv. Lang Elective ⁷	See Note Below	3
Advanced Elective ⁸	See Note Below	<u>3</u>
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TAMU-CT Semester II

Course	Course Name	SCH
CIS 303	Prog Logic & Design	3
CIS Adv. Lang Elective ⁷	See Note Below	3
CIS 450	Management Information Sys	3
CIS 305	Operating Sys Theory & Prc	3
Advanced Elective ⁸	See Note Below	<u>3</u>
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TAMU-CT Semester III

Course	Course Name	SCH
CIS 389	Systems Analysis & Design	3
Advanced Elective ¹⁰	See Note Below	3
CIS Elective ⁹	See Note Below	3
Advanced Elective ⁸	See Note Below	<u>3</u>
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TAMU-CT Semester IV

Course	Course Name	SCH
CIS 401	Database Theory	3
CIS 480	Software Engineering	3
CIS Elective ⁹	See Note Below	3
Advanced Elective ⁸	See Note Below	<u>3</u>
		12

Student Signature: _____

CTC BS CIS CM&N 2+2 Plan

Advisor Signature: _____

‡ Definition of Terms

Elective -- course numbers in the 1XXX or 2XXX range

Upper Level/Advanced Electives – course numbers in the 3XXX or 4XXX range

Minor Elective -- A minor consists of a minimum of 18 hours in a field other than the major, of which at least 6 hours must be advanced. (e.g. 1XXX or 2XXX)

Advanced Minor Elective – At least 6 hours in a field other than the major (e.g. 3XXX or 4XXX)

Support Field -- Courses determined in consultation with your academic advisor, 12 hours must be advanced (e.g. 3xxx or 4xxx).

General Academic Requirements

Students must meet all degree requirements specified in the Undergraduate Catalog and be in good standing with the University to be considered for degree conferral.

- ✓ **Credit Hours** –The minimum number of semester credit hours for a baccalaureate degree is 120, of which 45 hours must be in advanced courses.
- ✓ **Grade Point Average** – To graduate students must have a minimum GPA of 2.00 overall and in their major and minor.
- ✓ **Residency Requirement** -- A minimum of 30 semester hours must be completed with TAMU-CT, of which at least 24 must be advanced, including 12 advanced semester hours in the major.
- ✓ **Writing Requirement** – All students are required to satisfy the Writing Proficiency Requirement as a condition for the baccalaureate degree. Students will satisfy this requirement through either the Writing Proficiency Exam or Writing Intensive Program based on the following guidelines:

First Term of Enrollment at TAMU-CT	Writing Proficiency Exam	Writing Intensive Program
Prior to Fall 2007	All Students	N/A
Fall 2007, Spring 2008, or Summer 2008	Transfer student with 30 or more hours	Transfer students with less than 30 hours
Fall 2008, Spring 2009, or Summer 2009	Transfer student with 60 hours or more	Transfer students with less than 60 hours
Fall 2009, Spring 2010, or Summer 2010	Transfer students with 90 hours or more	Transfer students with less than 90 hours
Fall 2010 and beyond	N/A	All Students

Writing Proficiency Exam

To satisfy this requirement, students must successfully complete the Writing Proficiency Exam.

Writing Intensive Program

To satisfy this requirement, these students must have credit for four writing intensive (WI) courses. Two of these four courses must be upper level WI courses within the major or designed for the degree plan. The remaining WI requirement should be met through core level courses. These two core-level courses should be Freshman Composition.

Notes –

**** Completion of an AA or AS degree may require additional coursework. Please see the CTC Catalog and your CTC advisor for more information.**

*****PLEASE NOTE STUDENTS MAY BE REQUIRED TO TAKE SOME COURSES DURING SUMMER SEMESTERS.**

1. Lab Sciences from Chemistry, Biology, Geology or Physics.
2. Lab Sciences from Chemistry, Biology, Geology or Physics.
3. Must be historical, appreciative, or theoretical in nature; it may not be an applied or performance course.
4. This may not be selected from the student's major field.
5. Must choose from ITSE 1407 C++, ITSE 1431 Visual Basic, or ITSE 2417 Java.
6. Must be a Computer Information Systems course.
7. Must choose CIS 340, CIS 341, CIS 342 or CIS 343.
8. Must choose CIS 315, CIS 351, CIS 440 or CIS 452.
9. Must choose from CIS 330, CIS 331, or CIS 332.
10. Must choose from ENGL 309 Technical Writing or G B 312 Business Correspondence.