

# 2017-2018 Associate of Arts (AS) in Computer Information Systems (CIS)

## EXPECTED CERTIFICATE/DEGREE

### AS in CIS (60 sch)

**\*\* Please see an academic advisor or CIS department chair to discuss degree requirements for your transfer university.**

<sup>1</sup> If you cannot take 15 hours in the semester, we recommend you take this course in the summer.

## PROGRAM DESCRIPTION

AS Computer Information Systems (CIS) can lead to university transfer for Bachelor of Business Administration in Information/Management Systems or Bachelor of Science/Arts in Networking, Software Engineering, or Technology Management. AA CIS students interested in these bachelor's degrees must work with academic advisor and/or CIS department chair to determine transferrable course work.

*Tuition Costs and Scholarship information for this degree can be found at: <http://catalog.templejc.edu/content.php?catoid=9&navoid=365>*

*Information for **Financial Aid** assistance can be found at:*

## PROGRAM REQUIREMENTS

FIRST SEMESTER	SCH	Semester Completed	Grade	Notes for Students:
ENGL 1301 - Composition I	3			<b>**Meet with advisor or department chair for university specific transfer course.</b>  <b>DO THIS:</b> Meet with academic advisor or CIS department chair to obtain copy of transfer university degree plan and to determine G.P.A. needed to transfer to desired university.
MATH 1324 or MATH 1314**	3			
COSC 1301 or BCIS 1305**	3			
SPCH 1311, SPCH 1315, or SPCH 1321**	3			
HIST 1301 - United States History I <sup>1</sup>	3			
<b>Semester Credit Hours</b>	<b>15</b>			
SECOND SEMESTER	SCH	Semester Completed	Grade	Notes for Students:
ENGL 1302 - Composition II**	3			<b>**Meet with advisor or department chair for university specific transfer course.</b>  <b>DO THIS:</b> Schedule a campus tour with transfer university.
One course from Creative Arts Core list	3			
See CIS department chair for CIS Elective course	3			
Any course from Lang/Phil/Culture Core**	3			
HIST 1302 - United States History II <sup>1</sup>	3			
<b>Semester Credit Hours</b>	<b>15</b>			
THIRD SEMESTER	SCH	Semester Completed	Grade	Notes for Students:
Any course from Life/Physical Science core**	3			<b>**Meet with advisor or department chair for university specific transfer course.</b>  <b>DO THIS:</b> Confirm courses for completion of AS degree by meeting with advisor or CIS department chair.  <b>DO THIS:</b> Start applying for admission to transfer university, and send first official transcript to transfer university.
ECON 2301 - Principles of Macroeconomics**	3			
COSC 1336 - Programming Fundamentals I±	3			
ACCT 2301 - Principles of Financial Accounting	3			
GOVT 2305 - Federal Government <sup>1</sup>	3			
<b>Semester Credit Hours</b>	<b>15</b>			
FOURTH SEMESTER	SCH	Semester Completed	Grade	Notes for Students:
Any course from Life/Physical Science core**	3			<b>**Meet with advisor or department chair for university specific transfer course.</b>  <b>DO THIS:</b> Apply for graduation for AS CIS.  <b>DO THIS:</b> Confirm admission to transfer university, and send final official transcript to transfer university at end of semester.
ECON 2302 or ACCT 2302**	3			
COSC 1337 - Programming Fund. II (1st 8 weeks)±	3			
COSC 2336 - Programming Fund. III (2nd 8 weeks)	3			
GOVT 2306 - Texas Government <sup>1</sup>	3			
<b>Semester Credit Hours</b>	<b>15</b>			
<b>Total Semester Credit Hours</b>	<b>60</b>			

**CAREER OPPORTUNITIES** - All data listed below incorporate Central Texas jobs and entry wages found on <http://www.texaswages.com/WDAWages>

Computer Operator	Computer Network Administrator	Computer Systems Analyst	Information Systems Manager
\$24,685	\$46,004	\$59,779	\$86,960
with Associate's Degree	with Bachelor's Degree	with Bachelor's Degree	with Master's Degree

**\*\*\*Important Note: AA CIS students are strongly encouraged to complete the following courses prior to transfer:**

ECON 2302 - Microeconomics and ACCT 2302 - Principles of Managerial Accounting (Spring only)

## University Transfer Guide for 2017-2018 Associate of Science in Computer Information Systems

**Note:** Students wanting to major in **Computer Information Systems** or **Management Information Systems** at **Texas State University, Texas A&M College Station, University of Texas Austin, Sam Houston State, Texas Tech, University of North Texas, University of Texas Arlington, Texas A&M Corpus Christi, or Stephen F. Austin** are encouraged to follow the **AA Business** degree plan to maximize transfer credits.

PROGRAM REQUIREMENTS	Texas A&M-Central Texas Bachelor of Science in Computer Information Systems		Check when Completed	Tarleton State University Bachelor of Science in Computer Information Systems		Check when Completed	University of Texas-San Antonio Bachelor of Science in Information Systems		Check when Completed
	Temple College	TAMUCT	✓	Temple College	Tarleton State	✓	Temple College	UTSA	✓
FIRST SEMESTER	ENGL 1301	ENGL 1301		ENGL 1301	ENGL 1301		ENGL 1301	WRC 1013	
	Core Math	Core Math		MATH 1324	MATH 1324		MATH 1324	MAT 1023	
	COSC 1301	COSC 1301		BCIS 1305	BCIS 1305		BCIS 1305	IS 1403	
	Creative Arts Core	Creative Arts Core		Creative Arts Core#	Creative Arts Core^#		Creative Arts Core	Creative Arts Core^	
SECOND SEMESTER	HIST 1301 <sup>1</sup>	HIST 1301 <sup>1</sup>		HIST 1301 <sup>1</sup>	HIST 1301 <sup>1</sup>		HIST 1301 <sup>1</sup>	HIS 1043 <sup>1</sup>	
	ENGL 1302	ENGL 1302		ENGL 1302	ENGL 1302		ENGL 1302	WRC 1023	
	SPCH 13--	SPCH 13--		MATH 1325	MATH 1325		MATH 1325	MAT 1033	
	Soc/Beh Sci Core	Soc/Beh Sci Core		Soc/Beh Sci Core	Soc/Beh Sci Core^		Soc/Beh Sci Core	Soc/Beh Sci Core^	
THIRD SEMESTER	Creative Arts Core	Creative Arts Core		SPCH 13--	SPCH 13--		SPCH 1321	COM 1053	
	HIST 1302 <sup>1</sup>	HIST 1302 <sup>1</sup>		HIST 1302 <sup>1</sup>	HIST 1302 <sup>1</sup>		HIST 1302 <sup>1</sup>	HIS 1053 <sup>1</sup>	
	3 sch Life/Phy Sci Core	3 sch Life/Phy Sci Core		4 sch Life/Phy Sci Core	4 sch Life/Phy Sci Core^		3 sch Life/Phy Sci Core	3 sch Life/Phy Sci Core^	
	GOVT 2305	GOVT 2305		GOVT 2305	GOVT 2305		ECON 2301	ECO 2013	
FOURTH SEMESTER	ECON 2301	ECON 2301		ECON 2301	ECON 2301		COSC 1336	CS 1063	
	COSC 1336	COSC 1336		COSC 1336	COSC 1336		SPAN 1411	SPN 1014	
	Lang/Phil/Cult Core <sup>1</sup>	Lang/Phil/Cult Core <sup>1</sup>		ENGL Literature <sup>1</sup>	ENGL Literature <sup>1</sup>		GOVT 2305 <sup>1</sup>	POL 1013 <sup>1</sup>	
	3 sch Life/Phy Sci Core	3 sch Life/Phy Sci Core		4 sch Life/Phy Sci Core	4 sch Life/Phy Sci Core^		3 sch Life/Phy Sci Core	3 sch Life/Phy Sci Core^	
FOURTH SEMESTER	GOVT 2306	GOVT 2306		GOVT 2306	GOVT 2306		COSC 1337**	CS 1713**±	
	COSC 1337**	COSC 1337**		COSC 1337**	COSC 1337**		COSC 2336**	CS 2123**±	
	COSC 2336**	COSC 2336**		COSC 2336**	COSC 2336**		ECON 2302	ECO 2023	
	ECON 2302 <sup>1</sup>	ECON 2302 <sup>1</sup>		ECON 2302 <sup>1</sup>	ECON 2302 <sup>1</sup>		GOVT 2306 <sup>1</sup>	POL 1133 <sup>1</sup>	

### Notes for Students:

<b>Course Equivalency Guides for all institutions can be found at <a href="https://www.tccns.org/">https://www.tccns.org/</a></b>	
<sup>1</sup> If you cannot take 15-16 hours in the semester, we recommend you take this course in the summer.	
*TAMUCT	*Recommend completing ACCT 2301 and 2302 prior to transfer. **COSC 1337 will be offered in 1st 8 weeks and COSC 2336 will be offered in 2nd 8 weeks.
Tarleton State	^Tarleton State Core Curriculum can be found at <a href="http://www.tarleton.edu/generaleducation/generaleducation/core.html">http://www.tarleton.edu/generaleducation/generaleducation/core.html</a>
	**COSC 1337 will be offered in 1st 8 weeks and COSC 2336 will be offered in 2nd 8 weeks.
	^# Students cannot take ARTS 2356 to meet Creative Arts Core requirements. 1. Recommend completing ACCT 2301 and 2302 prior to transfer.
UTSA	^UTSA Core Curriculum can be found at <a href="http://catalog.utsa.edu/undergraduate/bachelorsdegreeregulations/degree requirements/corecurriculum/">http://catalog.utsa.edu/undergraduate/bachelorsdegreeregulations/degree requirements/corecurriculum/</a>
	**COSC 1337 will be offered in 1st 8 weeks and COSC 2336 will be offered in 2nd 8 weeks.
	±Students will need to take 1 sch lab at UTSA to complete the 4sch UTSA requirement. 1. Recommend completing ACCT 2301 and 2302 prior to transfer.