



## NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR MATH/7-12, TEACHER CERTIFICATION MAJORS (2021-2022)

The following is a recommended sequence of courses for students intending on majoring in a **Math/7-12, Teacher Certification field** at a Texas public university. The Associate of Arts in Teaching (AAT) degree is designed to transfer into a bachelor's degree at a four-year public university in the state of Texas. The transfer university is the final authority on determining if all the courses within the NCTC Associate of Arts in Teaching degree are transferable and applicable for an intended major, so students should consult with an advisor at the university level regarding all coursework to be completed at NCTC.

Students placing at college preparatory levels will have additional courses to complete before taking eligible college-level courses in this sequence, and some courses may have pre-requisites; please check the course descriptions in the NCTC catalog. The number of courses taken each semester can also be adjusted as several core classes are offered during Summer and Mini-mesters; this sequence only takes into account Fall and Spring semesters. **Depending on how many credit hours you have already attempted, all courses on this pathway may not be eligible for Financial Aid through NCTC.**

FIRST SEMESTER		CREDIT HOURS
ENGL 1301	Composition I	3
EDUC 1300	Learning Frameworks	3
HIST 1301	U.S. History I ( <i>up to 1865</i> )	3
MATH Core	MATH 2413-Calculus I**	4
1 <sup>st</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOL 1401 or 1402, or HORT 1401	4
		<b>17</b>
SECOND SEMESTER		
ENGL 2311 or 1302	Technical Writing or Composition II	3
HIST 1302 or 2301	U.S. History II ( <i>1865 to present</i> ) or Texas History	3
Elective	EDUC 1301-Intro. to the Teaching Profession*	3
Elective	MATH 2414-Calculus II*	4
2 <sup>nd</sup> LAB SCIENCE Core	BIOL 1408, 1409, or 2406, CHEM 1406 or PHYS 1415, ASTR 1403 or 1404, GEOL 1401 or 1402, or HORT 1401	4
		<b>17</b>
THIRD SEMESTER		
GOVT 2305	American National Government	3
SOCIAL/BEHAV Core	SOCI 1301-Intro. to Sociology or other Social Science core	3
SPCH 1311, 1315, or 1321	Intro. to Communication, Public Speaking, or Business and Professional Speech	3
Elective	MATH 2415-Calculus III*	4
Elective	EDUC 2301-Intro. to Special Populations*	3
		<b>16</b>
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
LANG/PHIL/CULTURE Core	HUMA 1301-Intro. to Humanities or other Lang/Phil/Culture core	3
ARTS Core	MUSI 1306-Music Appreciation or other Creative Arts core	3
Elective	MATH 2320-Differential Equations, MATH 2318-Linear Algebra, or other Lab Science core*	3-4
		<b>12-13</b>
	<i>Total Credit Hours</i>	<b>62-63*</b>

\*Consult with your intended transfer university AND an advisor to determine which NCTC courses would satisfy both elective and core requirements for your major, and also how many credit hours beyond the 60 hours required for an AAT degree are transferable.

\*\*MATH 1314 along with either MATH 1316 or 2412 are prerequisites to MATH 2413. Until you have completed these prerequisites you will be under a General Studies major (AA or AS degree). Some Math prerequisites may be satisfied by earning required scores on CLEP, AP, IB, ACT, or SAT. Please see an advisor at NCTC for details.

### TRANSFER RESOURCES

NCTC COUNSELING AND ADVISING QUESTIONS: [advising@nctc.edu](mailto:advising@nctc.edu)

COLLEGE FOR ALL TEXANS: [www.collegeforalltexans.com](http://www.collegeforalltexans.com)

TEXAS COMMON COURSE NUMBERING SYSTEM (TCCNS): [www.tccns.org](http://www.tccns.org)

NORTH TEXAS COMMUNITY COLLEGE CONSORTIUM TRANSFER COLLABORATIVE:

<http://ntxccc.org/content/transfer>