



NCTC ASSOCIATE OF ARTS (AA) GENERAL STUDIES DEGREE SUGGESTED PATHWAY FOR CONSTRUCTION/INDUSTRIAL SCIENCE/MANAGEMENT/TECHNOLOGY MAJORS (2021-2022)

The following is a recommended sequence of courses for students intending on majoring in a **Construction/Industrial Science/Management/Technology field** at a Texas public university. The Associate of Arts (AA) General Studies 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 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 1316-Trigonometry or MATH 2412-Pre-Calculus**	3-4
Elective	ACCT 2301-Principles of Accounting I*	<u>3</u>
		15-16
SECOND SEMESTER		
ENGL 2311 or 1302	Technical Writing or Composition II	3
HIST 1302	U.S. History II (<i>1865 to present</i>)	3
ARTS Core	MUSI 1306 or other Creative Arts core	3
MATH Core	MATH 2413-Calculus I or MATH 1325-Business Calculus*	4
1 st LAB SCIENCE Core	CHEM 1411-General Chem. I**	<u>4</u>
		17
THIRD SEMESTER		
GOVT 2305	American National Government	3
SPCH 1311, 1315, or 1321	Intro. to Communication, Public Speaking, or Business and Professional Speech	3
2 nd MATH	MATH 2414-Calculus II*	4
2 nd LAB SCIENCE Core	PHYS 1401-College Physics I or PHYS 2425-Engineering Physics I**	4
SOCIAL/BEHAV Core	ECON 2302-Microeconomics*	<u>3</u>
		17
FOURTH SEMESTER		
GOVT 2306	Texas Government	3
LANG/PHIL/CULTURE Core	PHIL 2306-Intro. to Ethics or other Lang/Phil/Culture core	3
Elective	MATH 2415-Calculus III, MATH 1342-Elementary Statistics, ECON 2301-Macroeconomics, or ACCT 2302-Principles of Accounting II*	3-4
Elective	PHYS 1402-College Physics II or PHYS 2426-Engineering Physics II*	<u>4</u>
		13-14
<i>Total Credit Hours</i>		62-64*

*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 AA or AS degree are transferable.

**MATH 1314 is a prerequisite to CHEM 1411, and MATH 1314 along with either MATH 1316 or 2412 are prerequisites to MATH 2413 and PHYS 1401 or 2425. 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

COLLEGE FOR ALL TEXANS: www.collegeforalltexans.com

TEXAS COMMON COURSE NUMBERING SYSTEM (TCCNS): www.tccns.org

NORTH TEXAS COMMUNITY COLLEGE CONSORTIUM TRANSFER COLLABORATIVE:

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