

Transfer Guide/ENGR

2022-2023 Catalog

Freshman Year CISCO	Credit Hour	MCM Equivalent	Credit Hour
Fall First Semester			
ENGL 1301 Composition 1 (Communication)	3	ENGL 1310 Composition & Rhetoric (Written Communication)	3
HIST 1301 United States History I	3	HIST 2310 United States to 1877 (History-Expl.1)	3
MATH 2413 Calculus 1	4	MATH 2421 Calculus 1	4
ENGR 1201 Introduction to Engineering	2	PHYS 1200 Introduction to Engineering	2
PHIL 2306 Intro to Ethics (Core Elective 1)	3	PHIL 1300 Introduction to Ethics (Leadership-Expl 6)	3
TOTAL	15		15
Spring Second Semester			
ENGL 1302 Composition II (Communication)	3	ENGL 1320 Composition & Literature (Written Communication)	3
HIST 1302 United States History II	3	HIST 2320 United States since 1865 (Univ. Elective)	3
MATH 2414 Calculus II w/Analytical Geometry	4	MATH 2322 Calculus II	3
PHYS 2425 University Physics 1	4	PHYS 2510 University Physics 1	5
COSC 1336 Programming Fundamentals 1	3	COSC 1306 Programming for Non-Majors	3
TOTAL	17		17

Sophomore Year CISCO	Credit Hour	MCM Equivalent	Credit Hour
Fall First Semester			
GOVT 2305 Federal Government	3	POSC 2310 American National Gov. (Poly. Sci-Expl 2)	3
DFTG 1409 Basic Computer Aided Drafting	3	PHYS 2315 Computer Aided Design	3
CHEM 1411 General Chemistry 1	4	CHEM 1410 General Chemistry 1	4
ENGR 2301 Engineering Mechanics: Statics	3	PHYS 3315 Engineering Statics*	3
PHYS 2426 University Physics II	4	PHYS 2520 University Physics II	5
TOTAL	17		18
Spring Second Semester			
GOVT 2306 Texas Government	3	POSC 2320 Texas Politics (Univ. Elective)	3
Language, Philosophy, and Culture***	3	Depends on the class (Elective)***	3
SPCH 1315 Public Speaking (Req. for A.S) (Core Elective 2)	3	COMM 1310 Principles of Comm. (Oral. Comm.)	3
CHEM 1412 General Chemistry II	4	CHEM 1420 General Chemistry II	4
ENGR 2302 Engineering Mechanics: Dynamics	3	PHYS 3325 Engineering Dynamics*	3
TOTAL	16		16
TOTAL DEGREE HOURS	65		66

OTHER GEN- Ed Classes that may be used

PHIL 1301 Introduction to Philosophy (Core Elective)	3
ECON 2302 Principles of Microeconomics (Social & Behavioral Science)	3
PSYC 2301 General Psychology (Social & Behavioral Science)	3

*** Check with Advisor

MCM Match

PHIL 2350 Introduction to Philosophy (Exploration Option)	3
ECON 2320 Principles of Microeconomics (Exploration Option)	3
PSYC 1340 General Psychology (Psychology-Expl 4)	3

* Meets requirement but will not count as advanced credit.