

Associate of Applied Science Degree Plan

Architecture & Civil Engineering

Freshman Year

Fall Semester

Spring Semester

COURSES	CR	COURSES	CR
DFTG 1305 Technical Drafting	3	GISC 1311 Introduction to Geographic Information Systems (GIS)	3
DFTG 2336 Computer-Aided Drafting (CAD) Programming	3	ARCE 1303 Architecture Materials & Methods	3
ENGL 2311 Technical & Business Writing	3	DFTG 2319 Intermediate Computer- Aided Drafting	3
DFTG 2317 Descriptive Geometry	3	**BCIS 1305 Business Computer Application	3
*EDUC 1300 Learning Framework (My Cougar Course)	3	MATH 1314 College Algebra	3
Total hours	15	Total hours	15

Sophomore Year

Fall Semester

Spring Semester

COURSES	CR	COURSES	CR
DFTG 1317 Architectural Drafting - Residential	3	ARCE 1352 Structural Drafting	3
SRVY 2339 Engineering Design Surveying	3	ENTC 1323 Statics and Strength of Materials	3
SRVY 2341 Engineering Design Surveying Lab	3	DFTG 2323 Pipe Drafting	3
ENTC 1343 Statics	3	***DFTG 2306 Machine Design	3
Humanities / Fine Arts	3	Social & Behavioral Science	3
Total hours	15	Total hours	15

Degree plan valid for 5 years from the semester that student signs dedicated schedule and enrolls in courses.

*EDUC 1300 is required for all first-time in college students attending Coastal Bend College.

**BCIS 1305 is required for all college students, a test out option of 70% in computer literacy is available.

*** Capstone Course

AAS Core Curriculum Courses

Component	Course Selection
Communication	ENGL 1301, ENGL 1302, ENGL 2311, SPCH 1311, SPCH 1315
Natural Science/Mathematics	MATH 1314, MATH 1324, MATH 1332, MATH 1442, MATH 2412, BIOL 1106, BIOL 1306, BIOL 1322, BIOL 2101, BIOL 2102, BIOL 2120, BIOL 2301, BIOL 2302, BIOL 2306, BIOL 2320, CHEM 1106, CHEM 1306, GEOL 1305
Humanities/Fine Arts	ENGL 2322, ENGL 2323, HUMA 1301, PHIL 1301, PHIL 2306, SPAN 2311, ARTS 1301, ARTS 1303, MUSI 1306
Social & Behavioral Science	HIST 1301, HIST 1302, GOVT 2305, GOVT 2306, ECON 2301, ECON 2302, PSYC 2301, PSYC 2314, SOCI 1301, SOCI 2301
Component Area Option	EDUC 1300, BCIS 1305