

Associate of Applied Science Degree Plan

Industrial Mechanics

Freshman Year

Fall Semester		Spring Semester	
COURSES	CR	COURSES	CR
*EDUC 1300 Learning Framework (My Cougar Course)	3	MATH X3XX Math Core Course	3
**BCIS 1305 Business Computer Applications	3	X3XX Arts and Humanities Core Course	3
INMT1305 Introduction to Industrial Maintenance	3	HYDR 1445 Hydraulics and Pneumatics	4
ENGL 2311 Technical and Business Writing	3	IEIR 1410 Motor Controls	4
ELPT 1411 Basic Electrical Theory	4		
Total hours	16	Total hours	14

Sophomore Year

Fall Semester		Spring Semester	
COURSES	CR	COURSES	CR
BIOL 2306 Environmental Biology (Lecture)	3	X3XX Social and Behavioral Sciences Core Course	3
GEOL 1305 Environmental Science (Lecture)	3	INMT 2303 Pumps, Compressors & Mechanical Drives	3
INCR 1442 Measurement and Process Control Theory	4	SMER 2450 Small Engine Capstone Projects	4
ELMT 1301 Programmable Logic Controllers	3	WIND 2459 Wind Power Delivery Systems	4
INMT 2345 Industrial Troubleshooting	3		
Total hours	16	Total hours	14

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.

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