TRANSFER PATHWAY

Catalog Year: 2026-2027 (This pathway may be used if you entered OC on or before this academic year.)

This semester-by-semester transfer pathway outlines the specific courses that lead to an associate's and a bachelor's degree for a full-time student. Modifications can be considered to fit the needs of part-time students or students without completed pre-requisites for certain courses. This is not an official degree plan. Please refer to the catalog for official degree requirements.

ODESSA COLLEGE AAS IN AUTOMATION (INSTRUMENTATION & ELECTRICAL) (60 SCH)

OC - 15 SCH	OC - 30 SCH	OC - 45 SCH	OC - 60 SCH
PSYC 1300 Learning Framework **CETT 1409** DC-AC Circuits **MUSI 1306** Music Appreciation **MATH 1314** College Algebra **RBTC 1343** Robotics **EEIR 1309** National Electrical Code **IEIR 1310** Motor Controls (elec 2404)	**PTAC 1332** Process Instrumentation I **ELPT 2319** Programmable Logic Controllers I **ELPT 1355** Electronic Applications **ELMT 2339** Advanced Programmable Logic **PTAC 2336** Process Instrumentation II	**INMT 1417** Industrial Automation **ELMT 2333** Industrial Electronics **INTC 1456** Instrumentation Calibration **CETT 2388** OR **CETT 1391**	**BCIS 1305** Business Computer Applications **ENGL 2311** Technical & Business Writing **HIST 1301** United States History I **ARTS 1301** Art Appreciation

ODESSA COLLEGE BAAS IN AUTOMATION (120 SCH)

OC - 74 SCH	OC- 87 SCH	OC - 93 SCH	OC - 108 SCH	OC - 120 SCH
HIST 1301 United States History I **MATH 2413** Calculus I **HIST 1302** United States History II **PHYS 2425** University Physics I	**ARET 3301** Advanced Engineering Programming **CHEM 1311** General Chemistry I **CHEM 1111** General Chemistry I (lab) **ARET 3305** Robotics in Automation **GOVT 2306** Texas Government	**GOVT 2305** Federal Government **ENGL 1301** Composition I	**ARET 3308** Advanced Engineering Design **ARET 3406** Robotics and Automated Systems **ARET 3407** (Electro) Pneumatic and Hydraulic Control Circuits **ARET 4401** Automation Systems	**ARET 4303** Mechanics and Machine Elements **ARET 4305** Manufacturing Processes **KINE 1164** Introduction to Physical Fitness & Sport **ARET 4212** Senior Project **PHIL 2306** Introduction to Ethics

For questions about the Odessa College transfer pathway, contact the OC Pathways Advising Center at (432) 335-6433 or advising@odessa.edu.

For questions about the bachelor's degree portion of this transfer pathway, contact baas@odessa.edu.