

BIOMEDICAL ELECTRONICS - CERTIFICATE OF COMPLETION

Doña Ana Community College 2022-2023 Catalog (48 credits)

NOTE: Students must earn a final grade of C- or better in all required ELT courses/Technical Requirements and achieve a cumulative grade-point average of at least 2.0. A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses.

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 48 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Prefix	Title	Credits
Prerequisites		
ELT 110	Electronics I	4
ELT 120	Mathematics for Electronics	4
ELT 205	Semiconductor Devices	4
ELT 260	Instrumentation Control and Signal Conditioning	4
Related Requirements		
AHS 120	Medical Terminology	3
AHS 202	Legal and Ethical Issues in Health Care	3
OETS 102	Career Readiness Certification Preparation	1
BIOL 1130G	Introductory Anatomy & Physiology (non-majors)	4
Technical Requirements		
ELT 135	Electronics II	4
ELT 155	Electronics CAD and PCB Design	3
ELT 160	Digital Electronics I	4
ELT 175	Soldering Practices	3
ELT 225	Computer Applications for Technicians	3
ELT 270	Biomedical Equipment Instrumentation	4
Total Credits		48