

# ENGINEERING TECHNOLOGY (BIOMEDICAL EQUIPMENT) - ASSOCIATE OF APPLIED SCIENCE

<sup>2</sup> Elective credit may vary based on prerequisites, dual credit, AP credit, and/or certificate coursework. The amount indicated in the requirements list is the amount needed to bring the total to 60 credits and may appear in variable form based on the degree. However students may end up needing to complete more or less on a case-by-case basis and students should discuss elective requirements with their advisor.

NMSU Alamogordo 2024-2025 Catalog

## A Suggested Plan of Study

Additional classes may be needed based on placement test results and course prerequisites. Visit with an advisor for help with creating a customized plan.

**A grade of C- or better is required in all courses.**

### First Year

Fall		Credits
ET 104	Soldering Techniques	1
ET 120	Computation Software	3
ET 153	Fundamentals of Networking Communications	3
ET 183	Applied DC Circuits	3
ELT 103	Math Study Skills for Electronics	1
MATH 1220G	College Algebra	3
<b>Credits</b>		<b>14</b>

### Spring

ET 182	Introduction to Digital Logic	2
ET 184	Applied AC Circuits	3
ELT 103	Math Study Skills for Electronics	1
ENGL 1110G	Composition I	4
OEBM 140	Applied Human Biology for Biomedical Technology	3
OEBM 141	Medical Electronics and Safety in Healthcare	3
<b>Credits</b>		<b>16</b>

### Second Year

#### Fall

ET 246	Electronic Devices I	4
ET 273	Advanced Networking Communications	4
ET 283	Hardware PC Maintenance	3
OEBM 200	Biomedical Internship	2
Elective Course <sup>2</sup>		1-3
<b>Credits</b>		<b>14</b>

#### Spring

COMM 1115G	Introduction to Communication	3
OEBM 211	CBET Exam Preparation	1
OEBM 241	Advanced Medical Electronics	3
OEBM 200	Biomedical Internship	2
SOCI 1110G or PSYC 1110G	Introduction to Sociology or Introduction to Psychology	3
Select Area III Laboratory Science course (4 credits) <sup>1</sup>		4
<b>Credits</b>		<b>16</b>
<b>Total Credits</b>		<b>60</b>

<sup>1</sup> See the General Education Section (<https://catalogs.nmsu.edu/alamogordo/general-information/general-education-new-mexico-common-core/>) of the catalog for a full list of courses.