



Academic Map: Engineering Technology: Biomedical Equipment Technician (AAS)

Associate of Applied Science (A.A.S) | 72 Total Credits | CSN Degree Code: ETBET-AAS | Catalog Year: 2022-2023 |

Computing and Engineering Technologies Advanced and Applied Technologies Department of Applied Technologies

Jobs and Employment Information: <https://www.csn.edu/cetarea>

DESCRIPTION: The Associate of Applied Science Degree in Engineering Technology with Electronics – Biomedical Equipment Technician prepares students to assist in providing support for engineering functions or to function as an Electronics Technician.

TERM 1 – TOTAL CREDIT HOURS: 15-17

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
ET 111B or MATH 127 or above	3	<i>Depends on course chosen</i>	GE Math	C	
ENG 100 or 101 or 107 or 110 or 113	3-5	ENG Place Score; or C- and up in ENG 98 or ESL 139	GE ENG	C	
ALS 101 College Success	3	<i>None</i>	GE Human Rel	C	
ET 104B Fabrication and Soldering Techniques	2	<i>None</i>	Special Prog Req	C	
ET 131B DC for Electronics	4	<i>None</i>	Special Prog Req	C	Mandatory Advising Required

TERM 2 – TOTAL CREDIT HOURS: 15-18

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
COM 115 Applied Communications	3	<i>None</i>	GE Com		
ET 132B AC for Electronics	4	ET 111B or MATH 127	Special Prog Req	C	
ET 212B Digital Logic I	4	<i>None</i>	Special Prog Req	C	
CIT 114B IT Essentials	4	<i>None</i>	Special Prog Req	C	
IS 100B or IS101 ¹	0-3	<i>None</i>	Digital Literacy	C	Mandatory Advising Required

TERM 3 – TOTAL CREDIT HOURS: 10

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
FA/HUM/SS Elective – See advisor/counselor	3	<i>Depends on course chosen</i>	GE FA/Hum/SS	C	
ET 220B Solid State Devices and Circuits I	4	ET 132B or Instructor Approval	Special Prog Req	C	
ET 228 Data Acquisition	3	ET 132B and ET 212B	Special Prog Req	C	Mandatory Advising Required

TERM 4 – TOTAL CREDIT HOURS: 15

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
EGG 131 and 131L	4	<i>Depends on course chosen</i>	GE Nat Science	C	
PSC 101 Intro to American Politics	4	<i>None</i>	GE US/NV Cons	C	
CIT 112B Network+	3	<i>None</i>	Special Prog Req	C	
HHP 123B Intro to the Human Body	4	<i>None</i>	Special Prog Req	C	Mandatory Advising Required

TERM 5 – TOTAL CREDIT HOURS: 17

	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
EGG 132 Technical Physics II	4	EGG 131	GE Nat Science	C	
ET 282B Microprocessors I	3	ET 132B and ET 212B or Instructor/Prog Approval	GE FA/Hum/SS	C	
HIT 105B Intro to Health Info Management	3	<i>None</i>	Special Prog Req	C	
HIT 118B Language of Medicine	3	<i>None</i>	Special Prog Req	C	
MT 108B Fluid Power	4	<i>None</i>	Special Prog Req	C	Apply for Graduation

¹Students who complete IS101 will complete a total of 75 credits for this degree.