



Academic Map: Engineering Technology: Network Electronics (AAS)

Associate of Applied Science (A.A.S) | 63 Total Credits | CSN Degree Code: ETNETWE-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 - Network Electronics prepares students with the necessary skills required by today's high-tech, high-wage networking/electronics industry.

TERM 1 – TOTAL CREDIT HOURS: 16-18

<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
ENG 100 or 101 or 107 or 110 or 113	3-5 ACT/SAT/ Placement Score	GE ENG	C	
ET 111B or MATH 127 or above	3 Depends on course chosen	GE Math Special	C	
CIT 112B Network +	3 None	Prog Req Special	C	
CSCO 120 CCNA Introduction to Networks	4 None	Prog Req Special	C	
ET 108B Telecom and the information Age	3 None	Prog Req	C	Mandatory Advising Required

TERM 2 – TOTAL CREDIT HOURS: 14-17

<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
ET 131B DC for Electronics	4 None	GE Nat Science	C	
ET 212B Digital Logic I	4 None	Special Prog Req	C	
Hum Rel Elect – See advisor/counselor	3 Depends on course chosen	GE Hum Relation	C	
Spec Prog Elective – see advisor/counselor	3 Depends on course chosen	Special Prog Elec	C	
IS 100B or IS101 ¹	0-3 None	Digital Literacy	C	Mandatory Advising Required

TERM 3 – TOTAL CREDIT HOURS: 16

<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 None	GE Com	C	
FA/HUM/SS Elective – See advisor/counselor	3 Depends on course chosen	GE FA/Hum/SS	C	
ET 293B Telecommunication Trans Models	3 ET 132B	Special Prog Elec	C	
ET 132B AC for Electronics	4 MT 102B or ET 131B or AC 102B	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: 17

<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
EKG 131 and 131L	4 ET 111B or MATH 116 or up (ex-MATH 122/123)	GE Nat Science	C	
Spec Prog Elective – see advisor/counselor	3 None	Special Prog Elec	C	
PSC 101 Intro to American Politics	4 None	GE US/NV Cons	C	
ET 282B Microprocessors I	3 ET 132B and ET 212B or Inst/Prog Approval	Special Prog Req	C	
ET 294B EET Capstone	3 ET 293B or ET 238B	Special Prog Req	C	Apply for Graduation

¹Students who complete IS 101 will complete a total of 66 credits for this degree.

