



Academic Map: Associate of Applied Science (AAS) ET: Utilities – Natural Gas

Associate of Applied Science (A.A.S) | 60 Total Credits | CSN Degree Code: ETUNG-AAS | Catalog Year: 2021-2022 |

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

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

DESCRIPTION: This Associate of Applied Science degree concentration prepares students for technician jobs with natural gas utility companies.

<u>TERM 1 – TOTAL CREDIT HOURS: 17-19</u>	<u>Credits</u>	<u>Pre-Requisite/Co-Requisite</u>	<u>Area</u>	<u>Min Grade</u>	<u>Milestones and Notes</u>
ENG 100 or ENG 101 or ENG 113	3-5	ACT/SAT/ Placement Score	GE ENG Comp	C	
AC 119B Professionals in Customer Service	1.5	None	GE Nat Science	C	
FMM 101B Intro to Workplace Safety	1	None	Special Prog Req	C	
FMM 103B First Aid/CPR	0.5	None	Special Prog Req	C	
CONS 120B Construction Plans and Specs	3	None	Special Prog Req	C	
HIST 100 or PSC 101	4	None	US/NV Cons	C	
ET 131B or MT102B	4	None	GE Nat Science	C	Mandatory Advising Required
<u>TERM 2 – TOTAL CREDIT HOURS: 14-17</u>	<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 116 or above	3	None	GE Math	C	(except MATH122/123)
FMM 111B N.C.C.E.R Core	4	None	Special Prog Req	C	
MGT 212 Leadership and Human Resources	3	None	Special Prog Req	C	
MT 104B Industrial Electricity	4	MT102B or ET 131B or AC 102B or Inst/Prog Approval	Special Prog Req	C	
IS 100B or IS101	0-3	None	SP Dig Literacy	C	Mandatory Advising Required
<u>TERM 3 – TOTAL CREDIT HOURS: 15</u>	<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	
MT 115B Programmable Logic Controllers I	3	C or up in AC 102B or ET 131B or MT102B or MT 104B and IS 100B or a c or up in IS101 or CIT 112 or CSCO 120 or Inst/Dept Approval	Spec Prog Elec	C	
Hum Rel Elect – See advisor/counselor	3	Depends on course chosen	GE Hum Relations	C	
MT 130B Intro to the Natural Gas Industry	3	C or up in AC 102B or ET 131B or MT102B or MT 104B and IS 100B or a c or up in IS101 or CIT 112 or CSCO 120 or Inst/Dept Approval	Special Prog Req	C	Mandatory Advising Required
<u>TERM 4 – TOTAL CREDIT HOURS: 14</u>	<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	ET 111B or MATH 116 or up (ex MATH 122/123)	GE Nat Science	C	
MT 132B Natural Gas Pipe Joining	3	C or up in MT 130B	Special Prog Req	C	
MT 134B Nat Gas Line Loc and Leak Survey	3	C or up in MT 130B	Special Prog Req	C	
WELD 100B Introduction to Welding	4	None	Special Prog Req	C	Apply for Graduation

