



Academic Map: Engineering Technology: Utilities – Natural Gas (AAS)

Associate of Applied Science (A.A.S) | 60 Total Credits | CSN Degree Code: ETUNG-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: This Associate of Applied Science degree concentration prepares students for technician jobs with natural gas utility companies.

TERM 1 – TOTAL CREDIT HOURS: 17-19	ENG	Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
ENG 100 or 101 or 107 or 110 or 113		3-5	ACT/SAT/ Placement Score	GE ENG	C	
AC 119B Professionals in Customer Service		1.5	None	Special Prog Req	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 GE	C	
ET 131B DC for Electronics		4	None	Nat Science	C	Mandatory Advising Required
TERM 2 – TOTAL CREDIT HOURS: 14-17		Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
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	Digital Literacy	C	Mandatory Advising Required
TERM 3 – TOTAL CREDIT HOURS: 15		Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
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
TERM 4 – TOTAL CREDIT HOURS: 14		Credits	Pre-Requisite/Co-Requisite	Area	Min Grade	Milestones and Notes
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

¹Students who complete IS 101 will complete a total of 63 credits for this degree.

