



## Academic Map: Certificate of Achievement (CA) ET: Utilities – Natural Gas

**Certificate of Achievement (C.A.) | 30 Total Credits | CSN Degree Code: ETUNG-CT | 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 Certificate of Achievement prepares students for entry-level technician jobs with natural gas utility companies.

### **TERM 1 – TOTAL CREDIT HOURS: 16**

AC 119B Professionals in Customer Service  
FMM 101B Intro to Workplace Safety  
FMM 103B First Aid/CPR  
ALS 101 College Success  
COM 115 Applied Communications  
MT102B Fundamentals of Electricity  
MT 130B Intro to the Natural Gas Industry

### **Credits   Pre-Requisite/Co-Requisite**

1.5   *None*  
1   *None*  
0.5   *None*  
3   *None*  
3   *None*  
4   *None*  
3   *None*

### **Area**

GE Nat Science  
Special Prog Req  
Special Prog Req  
Special Prog Req  
GE Com  
Special Prog Req  
Special Prog Req

### **Min Grade**

C  
C  
C  
C  
C  
C  
C

### **Milestones and Notes**

Mandatory Advising Required

### **TERM 2 – TOTAL CREDIT HOURS: 14**

ET 111B or MATH 116 or above  
FMM 111B N.C.C.E.R Core  
MT 132B Natural Gas Pipe Joining  
WELD 100B Introduction to Welding

### **Credits   Pre-Requisite/Co-Requisite**

3   *None*  
4   *None*  
3   C or up in MT 130B  
4   *None*

### **Area**

GE Math  
Special Prog Req  
Special Prog Req  
Special Prog Req

### **Min Grade**

C  
C  
C  
C

### **Milestones and Notes**

(except MATH122/123)

Apply for Graduation