For Students Enrolled in:
SKTR: Skilled Trade, Associate in Applied Science
201409 to Present

Program Description: The Skilled Trades Program is designed to serve individuals who already have an established background in a skilled trade such as automotive, electrical, plumbing, heating, ventilation, and air conditioning, carpentry, and welding and who desire to advance their career, through continued education, into a supervisory or management role. The program provides for up to 30 credits to be awarded toward the Associate of Applied Science Degree for a trade or technical certificate completed at the college, and may include equivalent work or training experiences assessed as Credit for Prior Learning. The curriculum includes general education and information technology cores that will develop skills in communication, computer applications and applied science while strengthening problem solving and critical thinking skills essential to career advancement.

Program Outcomes:
Upon successful completion of this curriculum, students should be able to:

- Build on acquired skills and competencies to develop a career ladder that will provide professional advancement in an applicable industry.
- Apply communication and problem solving skills in situations of increasing
- Apply relevant scientific principles and mathematical operations to workplace situations in skilled trade occupations.
- Identify general concepts and specific applications in one or more management functions relevant to a skilled trade such as automotive, electrical, plumbing,
- heating, ventilation, and air conditioning, carpentry, and welding.

Semester by Semester Plan:

**Semester 1:**
ENG 100  
MAT Elective  
CHE 105  
TCC 111  
Skilled Trades Elective

**Semester 2:**
ENG 112  
MAT Elective  
Social Sciences Elective  
Humanities Elective  
Skilled Trades Elective
Semester 3:
DPR 100
TCS 141
Skilled Trades Electives (3)

Semester 4:
Skilled Trades Elective (5)

Total Credits: 60-66

Notes:
Skilled Trades Electives: 30 credits
Select any 30 credits of courses from AUT, CPT, ELI HVA, PLB, and TCC OR WLD.
(Recommended: Establish an "Area of concentration" by following prescribed skilled Trades certificate programs.)

Mathematics Electives: 6-10
Select two courses MAT 110 or higher (with the exception of MAT 125 and MAT 126)
Recommended MAT 110 and MAT 111