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South Central College

WELD 1025 Introduction to Shielded Metal Arc Welding (SMAW)

Course Outcome Summary

Course Information

Description ?@A##%(!"#$%BACC%D" EA5$%+4%A4'" 5!('A 4%' %*@A$C5$5%3$'+C% "(%F$C5A4/%G*3 F H% 4% (+"8 4%#'$$C%A4%E+"A !#%D #A'A 4#%+C 4/%BA'@%+4%A4'" 5!('A 4%' %B$C5A4/%#+1$',6% B$C5A4/6%+45%$C$('" 5$%( )D+'+8ACA',I%)D 4$4'#% 1%*3 F%BACC%8$%A4'" 5!($56% A4(C!5A4/%#$C$('A 4% 1%)+'$"A+C#%+45%#'$D#%4$($##+",%' %( )DC$'$%'+#J#I%%K+#A(% A41 ")+'A 4%+8 !'%5!',%(,(C$6%(+8C$%#ALA4/6%+"(%8C B6%+45%C('" 5$#%BACC%+C# %8$% D"$#$4'$5I%%G."$"$M!A#A'$<%%N 4$H

Total Credits 0

Total Hours =2

Types of Instruction

Instruction Type	Credits/Hours
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Pre/Corequisites

N 4$

Institutional Core Competencies

"A'A(+C%+45% "$+'AE$%?@A4JA4/%-%*'!5$4'#%BACC%8$%+8C$%' %5$) 4#'"+'$%D!"D #$1!C%'@A4JA4/%BA'@%'@$%/ +C% 1%!#A4/%+% ("$+'AE$%D" ($##%1 "%5EC DA4/%+45%8!AC5A4/%!D 4%A5$+#%+45P "%'@$%/ +C% 1%!#A4/%+%("A'A(+C%D" ($##%1 "%'@$% +4+C,LA4/%+45%$E+C!+'A4/% 1%A5$+#I

Course Competencies

1. Describe basic components of shielded metal arc weldments.

Learning Objectives

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R$#("A8$%/4"+C%B$C5%S A4'%(41A/!"+'A 4#I

2. Recognize basic metallurgical components used in SMAW.

Learning Objectives

T5$4'A1,%8+#$%)$'+C#%8,%$C$)$4'+",%)$'+CC!"/,%G)AC5%#'$$C6%(+#'%A" 46%C B%+CC ,%#'$$C#6%+C!)A4!)6%8"+##6%

3.