

## Manufacturing Welding – Construction

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### Certificate

(Code: MVWEC)

The construction welding certificate prepares students for skills and careers in the central Iowa region. Gas metal arc welding and flux cored arc welding techniques are emphasized. These competencies have been aligned with the American Welding Society Level 1 SENSE program. SENSE: Schools Excelling through National Skills Education.

General Education		Credit Hours
MAT765	Welding Mathematics	3
<b>Total</b>		<b>3</b>
Program Requirements		
SDV135	Job Seeking Skills	1
WEL228	Welding Safety/Heath: SENSE1	1
WEL233	Print Read/Sym Interp: SENSE1	3
WEL262	OFC-I Manual & Mech: SENSE1	2
WEL274	SMAW I: SENSE1	3
WEL275	SMAW II: SENSE1	3
WEL280	FCAW Self-Shielded: SENSE1	2
<b>Total</b>		<b>15</b>
<b>Total Required Hours</b>		<b>18</b>