



# STRUCTURAL WELDING



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### PROGRAM PURPOSE

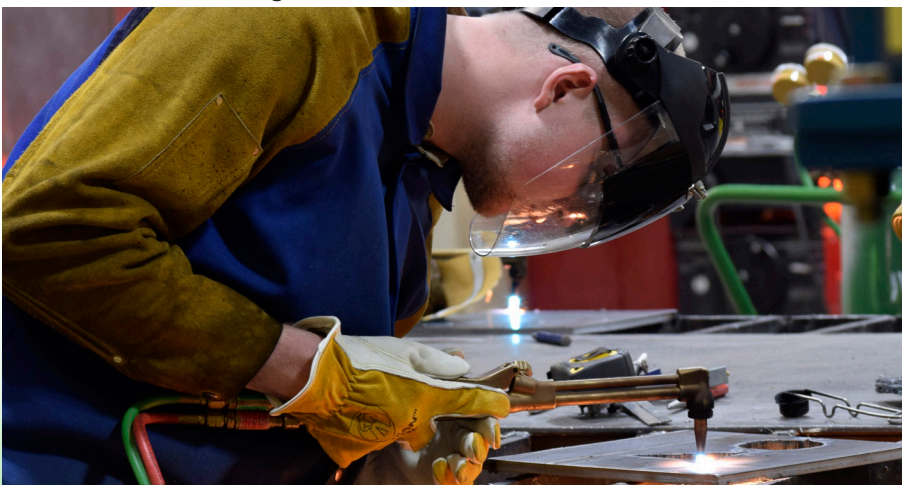
Structural welding is a one year certificate program designed to prepare students for the American Welding Society structural welding qualification test, a national certification. Students will have the opportunity to develop skills in the shielded metal arc welding process that will qualify them to sit for the test. Students will be presented information on the materials being used, hand and power tools for the job, safety in the workplace, and the correct procedures for the tasks assigned.

**High demand field! The skills gained from completing this program compliments other trades as well.**

### CAREER OPPORTUNITIES

Graduates of the program may find employment opportunities with:

- industrial contractors
- ship yards
- machine shops
- fabrication shops
- manufacturing facilities



### APPLICATION PROCEDURE

*The following procedures constitute the admissions process:*

1. An application form must be submitted accompanied by a non-refundable \$20 application fee.
2. An official high school transcript must also be submitted (current seniors' transcripts should include completed ranking periods).
3. HiSET/GED test scores must be submitted by applicants who are not high school graduates.
4. Official college transcripts must be submitted by applicants who have attended other colleges or post-secondary schools.
5. Placement testing or appropriate SAT scores, individual interviews and campus tours are required, in most cases, prior to being admitted.
6. Admissions decisions are made as quickly as possible once a candidate's file is complete.
7. Accepted applicants are required to make a deposit within thirty days of acceptance. Students requesting on campus housing are required to submit an additional deposit to reserve space in the residential complex.

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2018-2019 Curriculum

<b>First Semester</b>		<b>C</b>	<b>L</b>	<b>CR</b>
DRR 109	Print Reading for Welders	2	2	3
MAT 119	Applied Mathematics	4	0	4
♦ WEI 101	Intro. to Welding	2	2	3 *4 weeks
♦ WEI 133	Electric Welding	2	2	3 *4 weeks
♦ WEI 137	Structural Welding I	1.5	4.5	3 *7 weeks
		11.5	10.5	16
<b>Second Semester</b>				
ENG 111	English Composition	3	0	3
SAE 119	Construction Safety	3	0	3
OR				
SAE 121	Industrial Safety	3	0	3
♦ WEI 136	Intro GMAW and GTAW	2	2	3
♦ WEI 138	Structural Welding II	1.5	4.5	3 *7.5 weeks
♦ WEI 139	Open Root Welding	1.5	4.5	3 *7.5 weeks
		11	11	15
<b>TOTAL REQUIRED</b>				31

♦ Major courses; a minimum grade of "C" or 2.0 required.

NMCC is an equal opportunity/affirmative action institution and employer.  
For more information, please call 768-2791.

207-768-2785

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