STRUCTURAL WELDING

NORTHERN MAINE COMMUNITY COLLEGE

SUCCEED HERE

HIGH DEMAND FIELD!

Questions?

Contact:
admissions@nmcc.edu

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. Submit an NMCC application.

2. Submit official high school transcript and/or HiSET/GED scores (current senior's transcript should include completed ranking period grades).

3. Official college transcripts for applicants who have attended other post-secondary schools.

4. If SAT scores are not available, placement testing may be required.

5. Meet with an Admissions Counselor.

6. A campus tour is highly recommended.

PROGRAM PURPOSE

Structural welding is a 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 qualify them to sit for the test. Students will learn about the materials being used, hand and power tools for the job, safety in the workplace, and the correct procedures for the tasks assigned.

STRUCTURAL WELDING
Certificate Program

First Semester

			C		CR
DRR	109	Print Reading for Welders	2	2	3
MAT	121	Technical Mathematics	4	0	4
> WEI	101	**Introduction to Welding* (4 Weeks)**	2	2	3
> WEI	133	**Electric Welding* (4 Weeks)**	2	2	3
> WEI	137	**Structural Welding I* (7 Weeks)**	1.5	4.5	3
			11.5	10.5	16

Second Semester

			C		CR
ENG	111	English Composition	3	0	3
SAE	121	Industrial Safety	3	0	3
> WEI	136	**Introduction to GMAW & GTAW**	2	2	3
> WEI	138	**Structural Welding II* (7.5 Weeks)**	1.5	4.5	3
> WEI	139	**Open Root Welding* (7.5 Weeks)**	1.5	4.5	3
> WEI	140	**Plasma Table Operations**	1	2	2
			12	13	17

Total Required   **33**

*Note: WEI courses within a semester are scheduled
sequentially, not concurrently

> *Major courses; a minimum grade of "C" or 2.0 is required*

Key: C= Class Hours, CR= Credit Hours

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and employer. For more information, please call 768-2791.*

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