

## Welding (BP) Diploma

### Semester Sequence

#### Offered at Brooklyn Park Only

#### First Semester

WLDG1010	Practical Application for Estimating and Layout	2
WLDG1135	Gas Metal Arc Welding I	3
WLDG1182	Blueprint Reading for Welders	2
WLDG1220	Gas Tungsten Arc Welding I	3

#### Total Credits 10

#### Second Semester

WLDG1140	Gas Metal Arc Welding II	3
WLDG1165	Gas Metal Arc Welding III	3
WLDG1225	Gas Tungsten Arc Welding II	3

#### Total Credits 9

#### Third Semester

WLDG1175	GMAW Fabrication Methods	3
WLDG1235	Gas Tungsten Arc Welding III	3
WLDG1310	Shielded Metal Arc Welding I	3
WLDG2050	Introduction to Automated Cutting and Welding	3

#### Total Credits 12

#### Fourth Semester

WLDG1245	GTAW Fabrication Methods	3
WLDG1320	Shielded Metal Arc Welding II	3
WLDG1350	Flux Cored Arc Welding I	3
WLDG2055	Advanced Robotic Welding	3

#### Total Credits 12

#### Fifth Semester

WLDG1330	Shielded Metal Arc Welding III	3
WLDG1340	Structural Iron Fabrication Methods	3
WLDG1360	Flux Cored Arc Welding II	3

#### Total Credits 9

#### Sixth Semester

Technical Studies Electives	3
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#### Total Credits 3

## Technical Studies Electives

Recommended:

ENGC1100	AutoCAD for Engineering	4
ENGC1250	SOLIDWORKS I	4
IBEM1040	Rigging Procedures and Forklift Operations	1
MACH1205	Machine Tool Technology	3
WLDG1000	Cutting Processes	3
WLDG1100	Oxyacetylene Welding	3
WLDG1500	Welding Process Lab	1 - 3
WLDG1900	Specialized Lab	1 - 4

**Choose a Total of: 3 Credits**

## Graduation (55 Credits)

Semester listings reflect the recommended sequence. Due to circumstances beyond our control, the information herein is subject to change without notice.

2/26/2024 : BP 4604 / EP