



Welding Engineering Technology

8-Semester Plan

2026-2027 Catalog Year

| Semester 1 | Semester 2 | | Semester 3 | Semester 4 | | Semester 5 | Semester 6 | | Semester 7 | Semester 8 |
|---|---|-------------------------------|---------------------------------------|--|-----------------------------|--|---|--|--------------------------------------|--------------------------------------|
| WELD 170 Welding Science 2 | ME 172 CAD 3 | Off Track - 3 Credit Elective | WELD 224 Weld Engr I 2 | WELD 243L GTAW Lab 2 | INTERNSHIP -- WELD 298R (1) | WELD 329 Weld Codes 4 | MET 332 CNC 3 | Off Track - 1 Credit Elective/INTERNSHIP (1) | WELD 338 Weld Automation 3 | WELD 350 Metallurgy 3 |
| WELD 170L Welding Sci Lab 2 | ME 142 Engr Comp I 3 | | WELD 224L Weld Engr I Lab 2 | WELD 270 Welding Engr II 2 | | MET 202 ^E Strength of Mtrls 2 | MET 340 Quality 3 | | GE Elective Breadth Course 2 3 | WELD 480 Welding Fabrication 4 |
| ME 101 Intro Engr & Tech 1 | MATH 112X ^B Calculus I 4 | | MET 231 Mfg Proc I 2 | MET 201 ^D Applied Statics 2 | | MATH 330 Engr Statistics 3 | BUS 301 ^F Advanced Writing 3 | | REL _____ Religion Elective 2 | GE Elective Breadth Course 2 3 |
| MATH 109 ^A Precalculus 5 | CHEM 101 ^C Intro Chemistry 3 | | MET 231L Mfg Proc I Lab 1 | ENG 150 Writing & Reas 3 | | REL _____ Religion Elective 2 | GE Natural Science 3 | | Elective 3 | REL _____ Religion Elective 2 |
| BYUI 101 Experience BYU-I 1 | REL 225C Restoration 2 | | ME 272 CADD and GD&T 3 | GE Elective Social Science 3 | | Elective 4 | Elective 3 | | Elective 3 | Elective 2 |
| REL 200C The Eternal Family 2 | | | GE Elective Arts & Humanities 3 | REL 275C Book of Mormon 2 | | | | | | |
| | | | REL 250C Jesus Christ 2 | | | | | | | |
| 13 | 15 | 3 | 15 | 14 | 1 | 15 | 15 | 1 | 14 | 14 |

| | | | |
|------------------------|---------------------|-------------------------|----------------------------|
| Welding | Math/Science | Other Required | |
| Engineering/Mfg | Other GE | General Elective | Total Credits = 120 |

^A Or MATH 111 (Trigonometry) and MATH 110X (College Algebra), Or MATH 112X (see note C)
^B To see the requirements for getting into MATH 112X go to [http://www.byui.edu/mathematics/placement-exam-\(aleks\)](http://www.byui.edu/mathematics/placement-exam-(aleks))
^C Or CHEM 105 (General Chemistry I)
^D Or ME 201 (Statics)
^E Or ME 202 (Strength of Materials)
^F Or ENG 301 (Advanced Writing & Research)



Welding Engineering Technology

10-Semester Plan

2026-2027 Catalog Year

| Semester 1 | Semester 2 | Semester 3 | Semester 4 | Semester 5 | Semester 6 | Semester 7 | Semester 8 | Semester 9 | Semester 10 | |
|---|---|---|---------------------------------------|--|--|---|-----------------------------|--------------------------------------|--------------------------------------|-----------|
| WELD 170 Welding Science 2 | ME 172 CAD 3 | WELD 224 Weld Engr I 2 | WELD 243L GTAW Lab 2 | WELD 270 Welding Engr II 2 | MET 202 ^E Strength of Mtrls 2 | WELD 329 Weld Codes 4 | WELD 350 Metallurgy 3 | WELD 338 Weld Automation 3 | WELD 480 Welding Fabrication 4 | |
| WELD 170L Welding Sci Lab 2 | ME 142 Engr Comp I 3 | WELD 224L Weld Engr I Lab 2 | MET 231 Mfg Proc I 2 | MET 201 ^D Applied Statics 2 | GE Elective Social Science 3 | MATH 330 Engr Statistics 3 | MET 332 CNC 3 | MET 340 Quality 3 | GE Elective Breadth Course 2 3 | |
| ME 101 Intro Engr & Tech 1 | MATH 112X ^B Calculus I 4 | ME 272 CADD and GD&T 3 | MET 231L Mfg Proc I Lab 1 | ENG 150 Writing & Reas 3 | REL _____ Religion Elective 2 | BUS 301 ^F Advanced Writing 3 | GE Natural Science 3 | GE Elective Breadth Course 2 3 | REL _____ Religion Elective 2 | |
| MATH 109 ^A Precalculus 5 | REL 225C Restoration 2 | CHEM 101 ^C Intro Chemistry 3 | GE Elective Arts & Humanities 3 | Elective 3 | Elective 3 | REL _____ Religion Elective 2 | Elective 3 | Elective 2 | Elective 2 | |
| BYUI 101 Experience BYU-I 1 | | REL 250C Jesus Christ 2 | REL 275C Book of Mormon 2 | Elective 2 | Elective 2 | | | | | |
| REL 200C The Eternal Family 2 | | | Elective 2 | | | | | | | |
| | | | | | | | | | | |
| 13 | 12 | 12 | 12 | 1 | 12 | 12 | 12 | 12 | 11 | 11 |

Welding Engineering/Mfg

Math/Science
Other GE

Other Required
General Elective

Total Credits = 120

^A Or MATH 111 (Trigonometry) and MATH 110X (College Algebra), Or MATH 112X (see note C)
^B To see the requirements for getting into MATH 112X go to [http://www.byui.edu/mathematics/placement-exam-\(aleks\)](http://www.byui.edu/mathematics/placement-exam-(aleks))
^C Or CHEM 105 (General Chemistry I)
^D Or ME 201 (Statics)
^E Or ME 202 (Strength of Materials)
^F Or ENG 301 (Advanced Writing & Research)