



Manufacturing Technology

4-Semester Plan

2026-2027 Catalog Year

Semester 1	Semester 2	Off Track	Semester 3	Semester 4
WELD 170 ^A Welding Science and Allied Processes 2	MET 231 Manufacturing Processes I 2	ENG 150 Writing & Reasoning 3	MET 201 ^E Applied Statics 2	MET 202 ^H Applied Strength of Materials 2
ME 101 Intro to Engineering & Technology 1	MET 231L Manufacturing Processes I Lab 1	ME 272 CADD and GD&T 3	MET 331 Manufacturing Processes II 3	MET 332 Computer Numerical Control (CNC) 3
ME 172 Parametric Mechanical CAD 3	ME 180 Introduction to Engineering Design 3		BA 215 ^F Spreadsheet Analysis 3	MET 375 Prototyping Fundamentals 3
MATH 109 ^B Precalculus 5	MATH 112X ^D Calculus I 4		SCM 361 Operations Management 3	PH 105 ^I Applied Physics I 4
BYUI 101 Experience BYU 1	BA 211 Business Fundamentals 3		BUS 301 ^G Advanced Writing 3	REL _____ Religion Elective 2
REL 200C ^C The Eternal Family 2	REL 225C ^C Foundations of the Restoration 2		REL _____ Religion Elective 2	
14	15	6	16	14

Manufacturing	Math/Science
Engineering	Other GE

Business
General Elective

Total Credits = 65

Notes

^A Weld 170L Lab strongly recommended

^B Or MATH 111 (Trigonometry) and MATH 110X (College Algebra), Or MATH 112X (see note B)

^C Or REL 250C (Jesus Christ and His Everlasting Gospel) or REL 275C (The Teachings and Doctrine of the Book of Mormon)

^D 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))

^E Or ME 201 (Statics)

^F Or ME 142 (Engineering Computation)

^G Or ENG 301 (Advanced Writing)

^H Or ME 202 (Strength of Materials)

^I Or PH 121 (Physics I)



Manufacturing Technology

5-Semester Plan

2026-2027 Catalog Year

Semester 1	Semester 2	<i>Off Track</i>	Semester 3	Semester 4	<i>Off Track</i>	Semester 5
ME 101 Intro to Engineering & Technology 1	MET 231 Manufacturing Processes I 2	ENG 150 Writing & Reasoning 3	MET 331 Manufacturing Processes II 3	MET 201 ^F Applied Statics 2		MET 202 ^G Applied Strength of Materials 2
ME 172 Parametric Mechanical CAD 3	MET 231L Manufacturing Processes I Lab 1		MATH 112X ^D Calculus I 4	MET 332 Computer Numerical Control (CNC) 3		MET 375 Prototyping Fundamentals 3
MATH 109 ^A Precalculus 5	WELD 170 ^C Welding Science and Allied Processes 2		BA 215 ^E Spreadsheet Analysis 3	ME 272 Mechanical CADD and GD&T 3		PH 105 ^H Applied Physics I 4
BYUI 101 Experience BYU 1	ME 180 Introduction to Engineering Design 3		REL _____ Religion Elective 2	SCM 361 Operations Management 3		BUS 301 ^I Advanced Writing 3
REL 200C ^B The Eternal Family 2	BA 211 Business Fundamentals 3			REL _____ Religion Elective 2		
	REL 225C ^B Foundations of the Restoration 2					
12	13	3	12	13		12

Manufacturing	Math/Science	Business	General Elective
Engineering	Other GE		

Total Credits = 65

Notes

- ^A Or MATH 111 (Trigonometry) and MATH 110X (College Algebra), Or MATH 112X (see note B)
- ^B Or REL 250C (Jesus Christ and His Everlasting Gospel) or REL 275C (The Teachings and Doctrine of the Book of Mormon)
- ^C Weld 170L Lab strongly recommended
- ^D 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))
- ^E Or ME 142 (Engineering Computation)
- ^F Or ME 201 (Statics)
- ^G Or ME 202 (Strength of Materials)
- ^H Or PH 121 (Physics I)
- ^I Or ENG 301 (Advanced Writing)