



OZARKS TECHNICAL COMMUNITY COLLEGE

WELDING TECHNOLOGY -STRUCTURAL

Associate of Applied Science Degree: 63-66 Hours

Preferred Course Sequence

Semester I	Cr	Semester II	Cr	Semester III	Cr	Semester IV	Cr
WLD 105 Welding Safety	2	WLD 113 Gas Metal/ Flux Cored Arc Welding	4	WLD 221 Advanced Shielded Metal Arc Welding	4	WLD 236 Structural Fabrication	4
WLD 111 Shielded Metal Arc Welding I	4	WLD 112 Metal Arc Welding II	4	WLD 222 Advanced Gas metal/flux Cored Arc Welding	4	WLD 237 Welding Capstone	4
WLD 114 Gas Tungsten Arc Welding	4	WLD 130 Print Reading for Welders	2	WLD 225 Welding Inspection Technology I	3	WLD 226 Welding Inspection Technology II	3
ENG 101 * Composition I (see page 2 for complete list of allowable substitutions)	3	Communication Elective* or ENG 150 Technical Writing (See page 2 for complete list of allowable electives and course description section of catalog for details)	3	Related Elective Any class from CST, DDT, IST, PMT, WLD (See page 2 for complete list of allowable electives and course description section of catalog for details)	4	WLD 290 Co-Operative Ed/Intern/ Related Elective	1-3
TEC 108 * Applied Technical Mathematics or MTH 110 or higher (see page 2 for complete list of allowable substitutions)	3	PLS 101* American Government & Politics (see page 2 for complete list of allowable substitutions)	3	TEC 285 Occupational Seminar Or WLD 100 Careers in Welding	1-2	Social Science Elective* (See page 2 for complete list of allowable electives and course description section of catalog for details)	3
Total Credits	16	Total Credits	16	Total Credits	16-17	Total Credits	15-17



OZARKS TECHNICAL COMMUNITY COLLEGE

Allowable Substitutions

*COM 105 Substitutions
COM 100
COM 150
COM 200

*ENG 101 Substitutions
ENG 100
ENG 102
ENG 150

*PLS 101 Substitutions
HST 120
HST 130

*Science Electives	
BCS 115	BIO 160
BCS 132	CHM 101
BCS 210	PHY 105
BCS 165	PHY 110
BIO 100	PHY 115
BIO 105	PHY 120
BIO 135	PHY 220
BIO 142	CHM 160 & CHM 161

*Social Science Electives	
ANT 101	HST 130
ANT 220	PLS 101
CRM 210	PLS 201
ECO 270	PSY 110
ECO 275	PSY 130
GRY 101	HST 130
HST 105	SOC 101
HST 106	SOC 210
HST 120	

*TEC 108 or MTH 110 Substitutions	
MTH 128	MTH 141
MTH 128S	MTH 210
MTH 130	MTH 215
MTH 130S	MTH 230
MTH 131	MTH 240
MTH 138	MTH 241
MTH 140	

The Missouri Department of Higher Education has identified a common set of general education courses that have been adopted statewide. These courses are called the "CORE 42". CORE 42 courses are guaranteed to transfer to any Missouri public or university to satisfy general education requirements.