

Land Surveying

Offered at MCC-Longview

A.A.S. Land Surveying 65-68 Credits
 Land Surveying Certificate 24-26 Credits

This program leads to an Associate in Applied Science degree or certificate prepares an individual to take the state-licensing exam to become a Registered Land Surveyor in the state of Missouri and Kansas.

A.A.S. Land Surveying

202000- Revised:1/2009 (Summer 2009)

General Education Requirements	Credits	Semester Taken	Prerequisites
ENGL 101 Composition and Reading I	3		ENGL 30 or appropriate placement test score
ENGL 102 Composition and Reading II	3		ENGL 101
ENGL 215 Technical Writing	3		ENGL 101
GEOL 101 Physical Geology or PHYS 106 General Astronomy	5		
HIST 120 United States History to 1865 HIST 121 United States History Since 1865	3		
ECON 110 Intro to Economics ECON 210 Macroeconomics PHIL 203 Ethics POLS 135 Introduction to Political Science POLS 136 Introduction to American National Politics POLS 137 Introduction to State and Local Politics	3		ECON 210 (MATH 40/40L or appropriate placement score)
MATH 105 Algebra and Trigonometry for Land Surveyors or MATH 120 College Algebra and MATH 130 Trigonometry or MATH 150 Precalculus	4-6		MATH 40/40L or appropriate placement score MATH 110 or appropriate placement test score (MATH 120, 130 and 150)
MATH 115 Statistics	3		MATH 110 or appropriate placement test score
SPDR 100 Fundamentals of Speech	3		ENGL 30 or appropriate placement test score
Specific Program Requirements			
BSAD 219 Planning and Growing an Entrepreneurship Venture	3		
ETEC 152 Engineering Graphics and CADD I	5		MATH 40/40L
GEOG 120 Introduction to Geographic Information Systems	3		
SRVY 135 Elementary Surveying	3		MATH 105 or MATH 130 or MATH 150
SRVY 137 Subdivision Planning and Layout	3		SRVY 135 and DRAF 152
SRVY 235 Advanced Surveying	3		SRVY 135
SRVY 236 Boundary Control and Legal Principles	3		SRVY 135
SRVY 237 Evidence and Procedures for Boundary Location	3		SRVY 135
SRVY 244 Fundamentals of GPS Surveying	3		SRVY 135
Two courses from the following list: BSAD 101 Accounting and Principles I ETEC 269 CADD II GEOG 220 GIS Database and Design	6-7		ETEC 152 or 169 (ETEC 269) GEOG 120 (GEOG 220)
Total Credit Hours Required	65-68		

Non-Degree Related Courses _____

Advisor/Counselor/Evaluator _____ Date _____

_____ Hrs Earned _____ MCC GPA _____ Hrs Enrolled _____ Hrs in Res _____ Hrs Needed

TO GRADUATE THE STUDENT MUST SUCCESSFULLY COMPLETE THE FOLLOWING:

- _____ Apply for Graduation
- _____ Missouri Constitution Requirement
- _____ Raise/Maintain GPA to 2.000
- _____ Additional courses to meet the 15 credit hour residency requirement
- _____ Additional courses to meet total credit hour requirement (including current coursework)
- _____ Any course substitutions/waivers must be approved using an "Student Exception to Graduation" form