

Curriculum Map - Program Outcomes

Associates in Applied Science (AAS)

Surveying

Rev: 01.15.2019

Program Outcome (PO) 1:	Graduates will be able to analyze and solve surveying problems by applying basic principles of mathematics, science, and engineering.
Program Outcome (PO) 2:	Graduates will be able to use modern surveying techniques, skills, and tools to identify, formulate, and solve surveying problems.
Program Outcome (PO) 3:	Graduates will be able to apply the knowledge and skills from a broad education in order to understand the impact of surveying solutions in a global, societal, and with an environmental context.
Program Outcome (PO) 4:	Graduates will be prepared for professional practice in surveying.
Program Outcome (PO) 5:	An ability to use surveying related computer tools and environments

Technical Courses

Course		PO 1	PO 2	PO 3	PO 4	PO 5
Intro to GIS	GEO 115	i	i	i	i	i
Fundamentals of Survey Operations	SVR 110	i	i	i	i	i
CAD for Surveying	SVR 120	r	r			r
Construction Survey Applications	SVR 150	r	r	r	r	r
Surveying Calculations	SVR 160			a	r	a
Survey Positioning	SVR 210	r	a		r	
Boundary Surveying	SVR 220	a			a	a
Remote Sensing Systems	SVR 250		a			a

Technical Elective Courses

Course		PO 1	PO 2	PO 3	PO 4	PO 5
Great Lakes Research Technologies	WSI 200	r			r	r
Remote Pilot Flight	AVF 141			r		

NMC Program Code: 577

CIP Code: 15.1102

Program Outcome Curriculum: Map Key	I	Introduction of the program outcome
	R	Reinforcement of the program outcome
	A	Potential Assessment of the program outcome