

AS Engineering: Engineering Construction (831-02)

The following provides information regarding courses required to complete this major at Virginia Western for planning purposes only. Please see the Academic Catalog and full disclosure statement at <http://catalog.viriniawestern.edu>.

Completed	Course	Course Title	Credit	Requisite	Term Offered
	SDV 101	Orientation to Engineering and Mathematics	2		F, Sp
	ENG 111	College Composition I	3	English Placement	F, Sp, Su
	MTH 167	Pre-Calculus with Trigonometry	5	MTE 1-9	F, Sp, Su
	CHM 111	General Chemistry I	4	MTE 1-9; English Placement	F, Sp, Su
	CAD 111	Technical Drafting I	3	MTE 1-3	F, Sp, Su
	CIV 135	Construction Management and Estimating	3		Sp
	ENG 112	College Composition II	3	ENG 111	F, Sp, Su
	EGR 121	Foundations of Engineering	2	Pre: MTH 167 - C Co: MTH 263	F, Sp
	MTH 263	Calculus I	4	MTH 167 - C	F, Sp, Su
	MUS 121	Music in Society	3		Sp
	ECO 201	Principles of Macroeconomics	3		F, Sp, Su
	ECO 202	Principles of Microeconomics	3		F, Sp, Su
	GEO 200	Introduction to Physical Geography	3		F, Sp, Su
	EGR 122	Engineering Design	3	EGR 121	F, Sp, Su
	MTH 264	Calculus II	4	MTH 263 - C	F, Sp, Su
	PHY 241	University Physics I	4	Pre: MTH 263 Co: MTH 264	F, Sp
	EC ELE	ARC 133, ARC 221, EGR 206 or EGR 246	3		
	EGR 126	Computer Programming for Engineers	3	MTE 1-9	F, Sp, Su
	EGR 140	Engineering Mechanics - Statics	3	MTH 263	F, Sp, Su
	EC ELE	ARC 133, ARC 221, EGR 206 or EGR 246	3		
	PHY 242	University Physics II	4	PHY 241	Sp, Su
	HIS 121	United States History I	3		F, Sp, Su
	HIS 122	United States History II	3		F, Sp, Su
	PHI 220	Ethics	3		F, Sp, Su
**MTE classes are developmental courses. Students may place out of these classes based on various measures, including high school GPA, standardized test scores, or placement testing.			Total program credits: 71		