

## AAS IST: Database and Program Developer (299-10)

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.virginiawestern.edu>.

Completed	Course	Course Title	Credit	Requisite	Term Offered
	SDV 101	Orientation to Information Technology	2		F, Sp, Su
	MTE 1	Operations with Positive Fractions	**	Math Placement	F, Sp, Su
	MTE 2	Operations with Positive Decimals and Percents	**	MTE 1	F, Sp, Su
	MTE 3	Algebra Basics	**	MTE 2	F, Sp, Su
	ENG 111	College Composition I	3	English Placement	F, Sp, Su
	ITD 110	Web Page Design I	3		F, Sp
	ITP 100 OR CSC 200	Software Design Introduction to Computer Science	3		F, Sp, Su
	ITN 154	Network Fundamentals, Router Basics, and Configuration (ICND1) - Cisco	4		F, Sp, Su
	SOC SCI	ECO 201, GEO 210, HIS 111, HIS 112, PLS 135, PSY 200, or SOC 200	3		F, Sp, Su
	ITP 120 OR CSC 201	Java Programming I Computer Science I	4	ITP 100	Sp F
	ITD 130	Database Fundamentals	3		F, Sp, Su
	MTH 130	Fundamentals of Reasoning	3	MTE 1-3	F, Sp, Su
	CST 100	Principles of Public Speaking	3		F, Sp, Su
	ITN 170	Linux System Administration	3		F, Sp, Su
	ITP 220	Java Programming II	4	Pre: ITP 120 Pre/Co: ITD 130	F
	ITD 250	Database Architecture and Administration	3	ITD 130	F
	ITP 140	Client Side Scripting	3	ITD 110 ITP 100	F
	ITN 260	Network Security Basics	3	ITN 154 or TEL 150	F, Sp, Su
	ITP 170	Project Management	3		F
	ITN 107 OR ITP 246	Personal Computer Hardware and Troubleshooting Java-Server Side Programming	3 4	ITP 220	F, Sp, Su Sp
	ITP 225	Web Scripting Languages	3	ITP 140	Sp
	ITN 257	Cloud Computing: Infrastructure and Services	3	ITN 154 or TEL 150 and ITN 170	Sp
	ITP 258	Systems Development Project	3	ITN 154 or TEL 150 and ITP 100 and ITN 170	Sp
	ITP 298	Seminar and Project in Information Technology Programming	1	Divisional Approval	F, Sp, Su
	HUM/FA	ART 101, ART 102, CST 130, MUS 121, PHI 101, PHI 220, or REL 230	3		
<p><i>**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.</i></p>			<b>Total program credits: 67</b>		