

## 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
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, Su
ITP 100	Software Design	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 211, PSY 200 or SOC 200	3		F, Sp, Su
ITP 120	Java Programming I	4	ITP 100	Sp
CSC 201	Computer Science I			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, Su
ITP 170	Project Management	3		F
ITN 107	Personal Computer Hardware and Troubleshooting	3		F, Sp, Su
ITP 246	Java-Server Side Programming	4	ITP 220	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, MUS 122, PHI 101 or REL 230	3		

\*\*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: 67**

