

TransferVA – IT AS Two-Year Curriculum Final Spring 2024  
Current Master Course File: <https://courses.vccs.edu>

	Associate Degree Requirements	credits	VCCS Courses
	Student Development	1-2	SDV 100 or 101
UCGS	Written Communication	3	ENG 111
		3	ENG 112 or 113
	Humanities, Art, and Literature	3	Any UCGS Arts or Humanities course
		3	Any UCGS Arts, Humanities, or Literature course (must be from different category than previous course)
	Social & Behavioral Sciences	3	Any UCGS History course
		3	Any UCGS Social & Behavioral Science course
	Math	3	MTH 245 Statistics
	Lab Science	4	Any UCGS Lab Science course
	Gen Ed	3	CST 100 Principles of Public Speaking or CST 110 Introduction to Human Communication
	Gen Ed	3-4	Any UCGS course MTH 261 Applied Calculus or 263 Calculus I or ITE 152 Introduction to Digital and Information Literacy and Computer Applications may be recommended.
Major Requirements	Major Requirement	3-4	<b>Select one course from:</b>  ITP 120 Java Programming I* ITP 150 Python Programming* CSC 221 Introduction to Problem Solving and Programming  <i>Students should consult 4-year college transfer guide for guidance on course selection</i>
	Major Requirement	3	<b>Select one course from:</b>  MTH 283 Probability & Statistics (prereq MTH 264) MTH 288 Discrete Math (prereq MTH 263) CSC 208 Introduction Discrete Structures  <i>Students should consult 4-year college transfer guide for guidance on course selection</i>
	Major Requirement	3-4	<b>Select one course from:</b>  ITN 100 Introduction to Telecommunications * ITN 101 Introduction to Network Concepts *  <i>Students should consult 4-year college transfer guide for guidance on course selection</i>

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	Select at least 12 credits from this list. The courses from this list offered at a community college would be determined primarily by the regional four-year transfer partners.	12-16	<p><b>Select 4-5 courses (12-16 credits) from:</b></p> <p>CSC 205 Computer Organization CSC 222 Object-Oriented Programming</p> <p>ITD 256 Advanced Database Management *</p> <p>ITE 100 Introduction to Information Systems* ITE 170 Multimedia Software* ITE 221 PC Hardware and OS Architecture*</p> <p>ITN 170 Linux System Administration* ITN 208 Protocols and Communications TCP/IP* ITN 260 Network Security Basics* ITN 262 Network Communication, Security and Authentication*</p> <p>Additional course from previous rows</p> <p><i>Students should consult 4-year college transfer guide for guidance on course selection</i></p>
<b>Prerequisites, additional associate degree requirements, and other courses</b>	Prerequisites, additional associate degree requirements, and other courses	Up to 9	<p>Students who have completed all prerequisites (MTH 161, 162 or 167) and community college requirements should take additional courses from the rows above or transfer elective courses to fulfill the 60-62 credit requirement.</p> <p><i>Consult transfer guides on <a href="http://www.transfervirginia.org">www.transfervirginia.org</a>, and community college advisor for additional guidance.</i></p>
	<b>Total Hours</b>	<b>60 - 62</b>	

\* Courses to be developed through Transfer Virginia