

# Thomas Nelson Community College/Old Dominion University

## 2019-2020 Catalog ARTICULATION AGREEMENT

Associate of Applied Science in Information Systems Technology with Cyber Security Career Studies  
Certificate and General Education Courses to Bachelor of Science in IDS-Cyber Security

<b>Thomas Nelson Community College Associate of Applied Science</b>				<b>Old Dominion University Equivalency</b>			
ENG	111	College Composition I*	3	ENGL	110C	English Composition I	3
ENG	112	College Composition II*	3	ENGL	211C	English Composition II	3
BUS	100	Introduction to Business	3	BUSN	110	Intro to Contemporary Business	3
PSY	200	Principles of Psychology*	3	PSYC	201S	Intro to Psychology	3
SDV	100	College Success Skills	1	UNIV	100	University Orientation	1
Wellness		Elective	2	HLTH/ PE ELE		Elective	2
ITE	119	Information Literacy*	3	STEM	251G	Information Literacy	3
ITE	120	Principles of Information Systems*	3	IT	201	Principles of Info Systems	3
Humanities/ Fine Arts Elective		Choose one course from ODU's Transfer Guide ( <a href="http://www.odu.edu/transfer/vccs-transfer-guide.html">http://www.odu.edu/transfer/vccs-transfer-guide.html</a> ) in any of the following categories: Philosophy and Ethics, Human Creativity, or Literature that fulfills your Fine Arts elective	3	Liberal Arts Courses: Literature, Philosophy and Ethics, or Human Creativity			3
MTH	161	Precalculus I (Instead of MTH 154)*	3	MATH	162M	Precalculus I	3
BUS	201	Organizational Behavior	3	BUSN	2ELE	Elective	3
ITD	110	Web Page Design I	3	CS	1ELE	Elective	3
ITD	130	Database Fundamentals	3	CS	1ELE	Elective	3
ITN	109	Internet & Network Foundation	3	CS	1ELE	Elective	3
ITE	160	Introduction to E-Commerce	3	GNRL	1ELE	Elective	3
ITP	258	Systems Development Project	3	GNRL	2ELE	Elective	3
ITP	100	Software Design*	3	IT	1ELE	Elective	3
ITN	260	Network Security Basics*	3	GNRL	2ELE	Elective**	3
ITN	261	Network Attacks, Comp. Crime and Hacking	4	GNRL	2ELE	Elective	4
ITN 262 and 263		Network Communication, Security and Authentication* and Internet/Intranet Firewalls and E-Commerce Security*	8	GNRL	2ELE	Elective	8
ITN	266	Network Security Layers*	3	GNRL	2ELE	Elective	3
<b>Total Credits for AAS Degree</b>			<b>66</b>	<b>Transfer Credits from AAS Degree</b>			<b>66</b>
<b>Additional Required Courses for BS Degree</b>				<b>ODU Equivalency</b>			
ITP	132	C++ Programming I*	4	IT	205	Intro Object-Oriented Program**	4
Social Sciences or Humanities Electives		Choose three courses from ODU's Transfer Guide ( <a href="http://www.odu.edu/transfer/vccs-transfer-guide.html">http://www.odu.edu/transfer/vccs-transfer-guide.html</a> ) in any of the following categories: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture	9	Liberal Arts Courses: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture			9
Sciences w/Labs		Choose two Science courses w/Lab from ODU's Transfer Guide ( <a href="http://www.odu.edu/transfer/vccs-transfer-guide.html">http://www.odu.edu/transfer/vccs-transfer-guide.html</a> )*	8	NS 1 & 2 REQ	Nature of Science Way of Knowing		8
<b>Additional Credits Required</b>			<b>21</b>				<b>21</b>

**Note: The lower division general education requirements will be met by completion of all courses outlined in this program agreement. CYSE 200T, CYSE 300, 3 credits of Cyber Principles, 3 credits of Cyber Applications, and program electives are met by the completion of the AAS courses listed on this agreement.**

**\*C or better required on courses listed with an asterisk.**

**\*\* ITN 260 and ITP 132 are used to fulfill CYSE 250 requirement.**

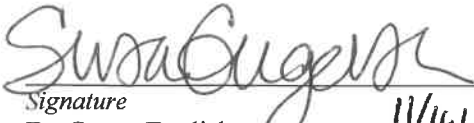
**To participate in this articulation agreement please visit Old Dominion University's website to complete the Letter of Intent: <http://www.odu.edu/transfer/vccs>**

**Completion of this articulation agreement alone does not guarantee admission to Old Dominion University. All students must meet the requirements set by the Office of Admissions and the Guaranteed Admissions Agreement (GAA). Please visit [admissions.odu.edu](http://admissions.odu.edu) for more information regarding guaranteed admission to Old Dominion University.**

**Requirements for BS to be Completed at ODU**

*Departmental Requirements*

CYSE 368 & IDS 493	Capstone	6
IDS 300W	IDS Theory and Concepts (grade of C or higher required)	3
<i>Core Requirements</i>		
CYSE 200T, CYSE 250 & CYSE 300	These 9 credits are fulfilled with the successful completion of the AAS degree and all other courses listed on this agreement	0
CYSE 301	Cybersecurity Techniques and Operations	3
CYSE 406	Cyber Law	3
CYSE 425W	Cybersecurity Strategy and Policy	3
CS 462	Cybersecurity Fundamentals	3
<i>9 credits in Cyber Principles</i> 6 credits: IT 315 and PHIL 355E Required (3 credits fulfilled with the successful completion of AAS degree and all other courses listed on this agreement)		6
<i>9 credits in Cyber Applications</i> 6 credits: See Catalog for options (Additional pre-requisites may be needed depending on courses chosen) (3 credits fulfilled with the successful completion of AAS degree and all other courses listed on this agreement)		6
<b>Credits to be Taken at ODU</b>		<b>33</b>
<b>SUMMARY</b>		
<b>Transfer Credits from AAS Degree</b>		<b>66</b>
<b>Additional Credits Required</b>		<b>21</b>
<b>Credits to be Taken at ODU</b>		<b>33</b>
<b>Total Credits (120 credits required for graduation)</b>		<b>120</b>

  
 Signature \_\_\_\_\_ Date 11/4/19  
 Dr. Susan English  
 Vice President for Academic Affairs  
 Thomas Nelson Community College

  
 Signature \_\_\_\_\_ Date 11/20/19  
 Dr. Brian Payne  
 Vice Provost, Academic Affairs  
 Old Dominion University