

# Tidewater Community College/Old Dominion University

2018-2019 Catalog

## ARTICULATION AGREEMENT

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

Tidewater Community College Associate of Applied Science				Old Dominion University Equivalency			
ENG	111	College Composition I*	3	ENGL	110C	English Composition I	3
ENG	112	College Composition II*	3	ENGL	211C	English Composition II	3
ITE	115	Intro. to Computer Applications and Concepts	4	CS	1ELE	Elective	4
CST 100 or 110		Principles of Public Speaking or Intro to Communication	3	COMM	101R	Public Speaking	3
IT Approved Elective		Elective	3-4	--	ELE	Elective	3-4
SDV	101	Orientation to Comp. Science and Info Tech.	1	UNIV	100	University Orientation	1
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, Human Creativity			3
MTH	161	Precalculus I*	3	MATH	162M	Precalculus I	3
ECO 120, 201 or 202		Survey of Economics, Prin. of Macro., or Prin. of Microeconomics*	3	ECON 200S, 201S, or 202S		Basic Economics, Prin.of Macro, or Prin. of Micro.	3
ITN	171	Unix I*	4	CS	252	Intro to Unix for Programmers**	4
ITN	260	Network Security Basics*	4	GNRL	2ELE	Elective**	4
ITN	267	Legal Topics in Network Security	3	GNRL	2ELE	Elective	3
ITN	261	Network Attacks, Computer 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	106	Microcomputer Operating Systems	4	GNRL 1ELE			12
ITN	107	Pers. Comp. Hardware and Troubleshooting	4				
ITN	101	Introduction to Network Concepts*	4				
ITP	100	Software Design*	4	CS	250	Problem Solving & Programming (for agreement only)	4
<b>Total Credits for AAS Degree</b>			<b>65-66</b>	<b>Transfer Credits from AAS Degree</b>			<b>65-66</b>
<b>Additional Required Courses for BS Degree</b>				<b>ODU Equivalency</b>			
Social Sciences or Humanities Electives		Choose two 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	6	Liberal Arts Courses: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture			6
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>14</b>				<b>14</b>

Note: The lower division general education requirements will be met by completion of all courses outlined in this program agreement. Program electives, 3 credits of Cyber Foundations, and 3 credits of Cyber Applications 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 ITN 171 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*

IT	201	Intro to Info Systems (pre-requisite for IT 315)	3
IT/CYSE	200T	Cybersecurity, Technology and Society	3
PHIL	355E	Computer Ethics	3
CYSE 368 or 494		Internship	3
IDS	300W	IDS Theory and Concepts (grade of C or higher required)	3
IDS	493	IDS Electronic Portfolio Project	3
<i>12 credits in Cyber Foundations</i> 9 credits: IT 315 required -Intro to Networking and Security. See catalog for additional options for the remaining 6 credits. (3 credits fulfilled with the successful completion of AAS degree and all other courses listed on this agreement)			9
<i>12 credits in Cyber Applications</i> 9 credits: IT 416, IT 418, IT 419, CYSE 407 or CYSE 495 (3 credits fulfilled with the successful completion of AAS degree and all other courses listed on this agreement)			9
<b>Credits to be Taken at ODU</b>			<b>36</b>
<b>SUMMARY</b>			
<b>Transfer Credits from AAS Degree</b>			<b>65-66</b>
<b>Additional Credits Required</b>			<b>14</b>
<b>Credits to be Taken at ODU</b>			<b>36</b>
<b>Total Credits</b>			<b>115-</b>
<b>(120 credits required for graduation)</b>			<b>116</b>

 1/10/19  
 Signature Date

Kellie C. Sorey  
 Associate Vice President for Academic Affairs  
 Tidewater Community College

 1/30/19  
 Signature Date

Brian Payne  
 Vice Provost, Academic Affairs  
 Old Dominion University