

# Tidewater Community College/Old Dominion University

2017-2018 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

<b>Tidewater 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
ITE	115	Introduction to Computer Applications and Concepts	4	CS	1ELE	Elective	4
CST	100 or 110	Principles of Public Speaking or Intro to Communication (Instead of AST 205)	3	COMM	101R	Public Speaking	3
BUS	100	Introduction to Business	3	BUSN	110	Intro to Contemporary Business	3
FIN	115	Personal Investments	2	BUSN	1ELE	Elective	2
SDV	100	College Success Skills	1	UNIV	100	University Orientation	1
Humanities Elective		ENG 125, 241, 242, 243, 251, 252, or 253, PHI 101, 102, 111, 220, 226 or REL 230, CST 141, HUM 201, 202, 260, MUS 121 or 122	3	Liberal Arts Courses: Literature, Philosophy and Ethics, Human Creativity			3
MTH	163	Precalculus I (Instead of MTH 158)*	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 Approved Elective		Take ITN 171*	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 & Programm. (for agreement only)	4
<b>Total Credits for AAS Degree</b>			<b>67</b>	<b>Transfer Credits from AAS Degree</b>			<b>67</b>
<b>Additional Required Courses for BS Degree</b>				<b>ODU Equivalency</b>			
ITP	132	C++ Programming I*	4	IT	205	Business Applications with C++	4
MTH	164	Precalculus II*	3	MATH	163	Precalculus II	3
Social Sciences or Humanities Electives		ENG 125, 241, 242, 243, 251, 252, or 253, HIS 101, 102, 111, 112,121, or 122, PHI 101, 102, 111, 220, 226 or REL 230, CST 141, HUM 201, 202, 260, MUS 121 or 122, or Foreign Lang. Level I or II	6	Liberal Arts Courses: Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture			6
Science w/Lab	Two Transferrable Sciences w/Labs*		8	NS 1 & 2 REQ		Nature of Science Way of Knowing	8
<b>Additional Credits Required</b>			<b>21</b>				<b>21</b>

<p><b>Note: The lower division general education requirements will be met by completion of all courses outlined in this program agreement.</b></p> <p><b>To participate in this articulation agreement please visit Old Dominion University's website to complete The Letter of Intent:</b>  <a href="https://www.odu.edu/newtransfer/letter-of-intent">https://www.odu.edu/newtransfer/letter-of-intent</a></p> <p><b>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 for more information regarding guaranteed admission to Old Dominion University.</b></p> <p>*Student must earn a grade of C or better in these courses to transfer to ODU.</p>	<b>Requirements for BS to be Completed at ODU</b>			
	<i>Pre-requisite Courses for Cyber Foundations &amp; Applications - 6 Credits (must be taken at ODU)</i>			
	BNAL	206	Prob., Decision Analysis and Business Stat. (pre-req for IT 410)	3
	IT	201	Intro to Information Systems (pre-req for IT 315)	3
	<i>Departmental Requirements 27 Credits</i>			
	PHIL	355E	Computer Ethics	3
	IDS/CYSE	368	Internship	3
	IDS	300W	IDS Theory and Concepts (grade of C or higher required)	3
	CRJS 405, CRJS 406 or CYSE 300/400 Elective		Cybercrime and Cybersecurity, Cyber Law, or 300/400 Elective	3
	IDS/ENGL 307T or IDS 493		Digital Writing or IDS Electronic Portfolio Project	3
	<i>Cyber Foundations – 12 Credits</i> IT 315 (3 credits) and 3 credits from the following: CS 462, CS 463, CS 464, CS 465, CYSE 300 or CYSE 301 (6 credits fulfilled with the successful completion of AAS degree and all other courses listed on this agreement)			6
	<i>Cyber Applications – 12 Credits</i> 6 credits: IT 410, IT 416 or CYSE 407 (6 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>67</b>
<b>Additional Credits Required</b>			<b>21</b>	
<b>Credits to be Taken at ODU</b>			<b>33</b>	
<b>Total Credits</b>			<b>121</b>	

**This agreement is effective upon its approval on February 18, 2018 by TCC's Vice President for Academic Affairs and ODU's Vice Provost, Academic Affairs:**

Dr. Kellie Sorey, TCC  
 Dr. Brian Payne, ODU