

Germanna Community College/Old Dominion University


2019-2021 Catalog

ARTICULATION AGREEMENT

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

Germanna 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	3	CS	1ELE	Elective	3
CST 100 or 110		Principles of Public Speaking or Intro to Communication	3	COMM	101R	Public Speaking	3
SDV	100	Orientation	1	UNIV	100	University Orientation	1
HLT	106	First Aid and Safety	2	HE	1ELE	Elective	2
ITP	120	Java Programming I*	3	IT	205	Intro to Obj.-Oriented Program**	3
Humanities/ Fine Arts Elective		Choose one course from ODU's Transfer Guide (http://www.odu.edu/transfer/vccs-transfer-guide.html) in any of the following categories: Phil. and Ethics, Human Creativity, or Literature	3	Liberal Arts Courses: Literature, Philosophy and Ethics, Human Creativity			3
Social Science Elective		Choose one course from ODU's Transfer Guide (http://www.odu.edu/transfer/vccs-transfer-guide.html) in the category of Human Behavior	3	Human Behavior Way of Knowing			3
MTH	161	Precalculus I*	3	MATH	162M	Precalculus I	3
ITN	171	Unix I*	3	CS	252	Intro to Unix for Programmers	3
ITE	100	Intro to Info Systems*	3	IT	201	Intro to Information Systems	3
ITP	251	System Analysis and Design	3	GNRL	2ELE	Elective	3
ITN	154	Network Fundamentals*	4	CS	1ELE	Elective	4
ITN 155, 156 & 157		Switching, Wireless, and WAN Technologies- Cisco, Basic Switching and Routing- Cisco & WAN Technologies	12	CS	1ELE	Electives	12
ITN	260	Network Security Basics*	3	GNRL	2ELE	Elective**	3
ITN	266	Network Security Layers*	3	GNRL	2ELE	Elective	3
ITN	267	Legal Topics in Network Security*	3	GNRL	2ELE	Elective	3
ITN	261	Network Attacks, Comp. Crime and Hacking*	4	GNRL	2ELE	Elective	4
ITN 262 & 263		Network Communication, Security and Authentication* and Internet/Intranet Firewalls and E-Commerce Security*	8	GNRL	2ELE	Elective	8
ITN	200	Administration of Network Resources*	3	GNRL	ELE	Elective	3
ITP	100	Software Design*	3	IT	ELE	Elective	3
Total Credits for AAS Degree			79	Transfer Credits from AAS Degree			79
Additional Required Courses for BS Degree				ODU Equivalency			
Social Sciences or Humanities Elective		Choose one course from ODU's Transfer Guide (http://www.odu.edu/transfer/vccs-transfer-guide.html) 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 (http://www.odu.edu/transfer/vccs-transfer-guide.html)	8	NS 1 & 2 REQ	Nature of Science Way of Knowing		8
Additional Credits Required			14				14

<p>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.</p> <p>*C or better required on courses listed with an asterisk.</p> <p>** ITN 260 and ITP 120 are used to fulfill CYSE 250 requirement.</p> <p>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</p> <p>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.</p>				Requirements for BS to be Completed at ODU			
				<i>Departmental Requirements</i>			
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			
Credits to be Taken at ODU				33			
SUMMARY							
Transfer Credits from AAS Degree				79			
Additional Credits Required				14			
Credits to be Taken at ODU				33			
Total Credits (120 credits required for graduation)				126			




 Signature

10/16/2019

 Date

Dr. Janet G. Gullickson
 President
 Germanna Community College



 Signature

10/16/19

 Date

Dr. Brian Payne
 Vice Provost, Academic Affairs
 Old Dominion University