

**Horry Georgetown Technical College/Old Dominion University**

2016-2017 Catalog

**ARTICULATION AGREEMENT**

Associate in Applied Science Civil Engineering Technology

to

Bachelor of Science in Civil Engineering Technology

<b>Horry Georgetown Technical Associate in Applied Science</b>				<b>Old Dominion University Bachelor of Science</b>			
ENG	101	English Composition I	3	ENGL	110C	English Composition	3
ENG	102	English Composition II	3	ENGL	211C	English Composition	3
PSY	201	General Psychology	3	PSYC	201S	General Psychology	3
MAT	110	Algebra and Trigonometry I	3	MATH	162M	Precalculus I	3
MAT	111	Algebra and Trigonometry II	3	MATH	163	Precalculus II	3
MAT	140	Analytical Geometry and Calculus I	4	MATH	211	Calculus I	4
CHM	110	College Chemistry I	4	CHEM	121N/ 122N	Foundations of CHEM I Lecture and Lab	4
CET	210	Strength of Materials	3	CET	220	Strength of Materials	3
CET	216	Soil Mechanics	3	CET	340	Soils and Foundations	3
CET	218	Hydraulics	3	CET	330	Fluid Mechanics	3
CET	242	Concrete Design	3	ENGN	2ELE	Elective	3
CET	245	Cost Estimating	3	ENGN	2ELE	Elective	3
CET	246	Environmental Systems Technology	3	ENGN	2ELE	Elective	3
CET	251	Highway Design	3	ENGN	2ELE	Elective	3
CET	252	Special Topics in Engineering Tech	3	ENGN	2ELE	Elective	3
EGR	170	Engineering Materials	3	CET	210	Fund of Bldg Construction	3
EGR	270	Introduction to Engineering	3	ENGN	110	Explore Engineering and Technology	3
EGR	275	Introduction to Engineering/Computer Graphics	3	CET	120	Civil 2D Computerized-Aided Drafting	3
EGR	285/ 295	Surveying I/Surveying Lab I	4	CET	205	Principles of Surveying	4
EGR	286/ 296	Surveying II/Surveying Lab II	4	ENGN	2ELE	Elective	4
EGR	260	Engineering Statics	3	CET	200	Statics	3
EGT	101	Basic Technical Drawing	2	ENGT	111	ET Information Lit/Research	2
EGT	252	Advanced CAD or approved elective	3	ENGN	2ELE	Elective	3
<b>Total in AS Degree</b>			<b>72</b>	<b>Total Transferred to ODU</b>			<b>72</b>
<b>Additional Required Courses</b>				<b>Additional Required Courses</b>			
Art, Music, Theatre		ART 101, ART 108, MUS 105, THE 101	3	HC	1REQ	Human Creativity Way of Knowing	3
ENG	205	English Literature I	3	LIT	1REQ	Literature Way of Knowing	3
History		HIS 101, 102, 201, 202	3	INTP	1REQ	Interpreting the Past Way of Knowing	3
PHY	201	Physics I	4	PHYS	111N	Introductory General Physics I	4
PHY	202	Physics II	4	PHYS	112N	Introductory General Phys II	4
SPC	205	Public Speaking	3	COMM	101R	Public Speaking	3
<b>Total Additional Credits</b>			<b>20</b>	<b>Total Additional Credits</b>			<b>20</b>
<b>Total Credits Earned at HGTC</b>			<b>92</b>	<b>Total Credits Transferred to ODU</b>			<b>92</b>

The lower-division general education Language and Culture and Impact of Technology, along with upper-division general education, will be satisfied by completion of all courses outlined in this program agreement.

Information Literacy and Research and Philosophy/Ethics are met through the major.

To participate in this articulation agreement please visit Old Dominion University's website to complete the Letter of Intent:

<https://itsapps.odu.edu/gaat/>

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. Please visit admissions.odu.edu for more information regarding admission to Old Dominion University.

**Additional Old Dominion University Requirements**

CET	345W	Materials Testing Lab	2
CET	301	Structural Analysis	3
CET	330	Fluid Mechanics	3
MET	335W	Fluid Mechanics Lab	1
CET	340	Soils and Foundations	3
CET	341W	Soils Testing Lab (grade of C or better required)	2
CET	355	Sustainable Building Practices	3
CET	360	Plans and Specifications	3
ENMA	302	Engineering Economics	3
ENMA	480	Ethics and Philosophy in Engineering Applications	3
CET	440	Contract Documents	3
ENGT	434	Intro to Senior Project	1
ENGN	401	Fundamentals of Engineering Review	1
CET 410 or 450		Reinforced Concrete Design or Structural Steel Design	3
ENGT	435W	Senior Design Project	3
CET	ELE	Electives	12
<b>Total Credits to be Taken at ODU</b>			<b>49</b>

**SUMMARY**

<b>Total Transfer Credits from Community College</b>	<b>82</b>
<b>Total Credits to be Taken at ODU</b>	<b>49</b>
<b>Total Credits for Degree at ODU</b>	<b>131</b>

 12/12/16  
Signature Date

Mr. Neyle Wilson  
President  
Horry Georgetown Technical College

 12/19/16  
Signature Date

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