<table>
<thead>
<tr>
<th>Reynolds Community College Associate of Applied Science</th>
<th>Old Dominion University Equivalency</th>
</tr>
</thead>
<tbody>
<tr>
<td>SDV 100 College Success Skills</td>
<td>UNIV 101 University Orientation 1</td>
</tr>
<tr>
<td>GIS 200 Geographical Information Systems I</td>
<td>ENGN 2ELE Elective</td>
</tr>
<tr>
<td>ENG 111 College Composition I*</td>
<td>ENGL 110C English Composition</td>
</tr>
<tr>
<td>MTH 162 PreCalculus I* (instead of MTH 154)</td>
<td>MATH 163 PreCalculus II</td>
</tr>
<tr>
<td>BLD 200 Sustainable Construction</td>
<td>STEM 2ELE Elective</td>
</tr>
<tr>
<td>ARC 121 Architectural Drafting I*</td>
<td>STEM 1ELE Elective (Substitute for ENGN 110)</td>
</tr>
<tr>
<td>ARC 131 Materials and Methods of Construct. I*</td>
<td>CET 210 Fundamentals of Building Construction</td>
</tr>
<tr>
<td>ARC 132 Materials and Methods of Construct. II*</td>
<td>STEM 1ELE Elective**</td>
</tr>
<tr>
<td>ARC 221 Architectural CAD Applications Software I</td>
<td>ENGN 2ELE Elective</td>
</tr>
<tr>
<td>DRF 231 Computer Aided Drafting I*</td>
<td>CET 120 Computer Aided Drafting</td>
</tr>
<tr>
<td>DRF 232 Computer Aided Drafting II*</td>
<td>ENGN 1ELE Elective (Substitute for CET 260)</td>
</tr>
<tr>
<td>ELE 131 Personal Wellness Elective</td>
<td>---- ---- ELE Elective</td>
</tr>
<tr>
<td>ARC 122 Architectural Drafting II*</td>
<td>STEM 1ELE Elective (Substitute for ENGT 111)</td>
</tr>
<tr>
<td>CSC 155 Computer Concepts and Applications*</td>
<td>ITL 1REQ Impact of Technology</td>
</tr>
<tr>
<td>Social Science ELE 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 the category of Human Behavior</td>
<td>HB 1REQ Human Behavior Way of Knowing</td>
</tr>
<tr>
<td>BLD 101 Construction Management I*</td>
<td>STEM 1ELE Elective**</td>
</tr>
<tr>
<td>ARC 241 Building Mechanical Systems*</td>
<td>STEM 2ELE Elective**</td>
</tr>
<tr>
<td>BLD 103 Principles of Residential Building Construction Inspection*</td>
<td>STEM 2ELE Elective**</td>
</tr>
<tr>
<td>BLD 210 Building Structures*</td>
<td>STEM 2ELE Elective**</td>
</tr>
<tr>
<td>BLD 231 Construction Estimating*</td>
<td>STEM 2ELE Elective**</td>
</tr>
<tr>
<td>BLD 247 Construction Planning and Scheduling*</td>
<td>STEM 2ELE Elective**</td>
</tr>
<tr>
<td>ARC 201 History of Modern Architecture</td>
<td>STEM 2ELE Elective</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Credits for AAS degree</th>
<th>65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transfer Credits from AAS Degree</td>
<td>65</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional Required Courses for BS Degree</th>
<th>ODU Equivalency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Science or Humanities Electives</td>
<td>Liberal Arts Courses:</td>
</tr>
<tr>
<td>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</td>
<td>Literature, Interpreting the Past, Philosophy and Ethics, Human Creativity, or Language and Culture</td>
</tr>
<tr>
<td>ENG 112 College Composition II*</td>
<td>ENGL 211C English Composition</td>
</tr>
<tr>
<td>CIV 171 Surveying I*</td>
<td>CET 205 Principles of Surveying</td>
</tr>
<tr>
<td>PHY 201 General College Physics I*</td>
<td>PHYS 111N General Physics I</td>
</tr>
<tr>
<td>EGR 135 Statics for Engineering Technology*</td>
<td>CET 200 Statics</td>
</tr>
<tr>
<td>CHM 111 College Chemistry I*</td>
<td>CHEM 121N/122N Foundations of Chemistry</td>
</tr>
<tr>
<td>PHY 202 General College Physics II*</td>
<td>PHYS 112N General Physics II</td>
</tr>
<tr>
<td>MTH 263 Calculus I*</td>
<td>MATH 211 Calculus I</td>
</tr>
<tr>
<td>CST ELE 100, 105 or 110*</td>
<td>COMM 101R Public Speaking</td>
</tr>
</tbody>
</table>

| Additional Credits Required | 37 |
Note: The lower division general education requirements will be met by completion of all courses outlined in this program agreement.

*Student must earn C or better for course to transfer.

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 for more information regarding guaranteed admission to Old Dominion University.

**ARC 132, BLD 101, ARC 241, BLD 103, BLD 210, BLD 231, and BLD 247 will be used to fulfill 2 of the 5 CET electives required.

### Requirements for BS to be Completed at ODU

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CET</td>
<td>301</td>
<td>Structural Analysis</td>
<td>3</td>
</tr>
<tr>
<td>CET</td>
<td>330</td>
<td>Fluid Mechanics</td>
<td>3</td>
</tr>
<tr>
<td>CET</td>
<td>340</td>
<td>Soils and Foundations</td>
<td>3</td>
</tr>
<tr>
<td>CET</td>
<td>341W</td>
<td>Soils Testing Lab (grade of C or better required)</td>
<td>2</td>
</tr>
<tr>
<td>CET</td>
<td>345W</td>
<td>Materials Testing Lab (grade of C or better required)</td>
<td>2</td>
</tr>
<tr>
<td>CET</td>
<td>355</td>
<td>Sustainable Building Practices</td>
<td>3</td>
</tr>
<tr>
<td>ENGT</td>
<td>434</td>
<td>Intro to Senior Project</td>
<td>1</td>
</tr>
<tr>
<td>CET</td>
<td>440</td>
<td>Contract Documents</td>
<td>3</td>
</tr>
<tr>
<td>EET</td>
<td>305</td>
<td>Advanced Technical Analysis</td>
<td>3</td>
</tr>
<tr>
<td>MET</td>
<td>335W</td>
<td>Fluid Mechanics Lab (grade of C or better required)</td>
<td>1</td>
</tr>
<tr>
<td>ENMA</td>
<td>302</td>
<td>Engineering Economics</td>
<td>3</td>
</tr>
<tr>
<td>ENMA</td>
<td>480</td>
<td>Ethics and Philosophy in Engineering Applications</td>
<td>3</td>
</tr>
<tr>
<td>ENGN</td>
<td>401</td>
<td>Fundamentals of Engineering Review</td>
<td>1</td>
</tr>
<tr>
<td>CET 410 or 450</td>
<td>Reinforced Concrete Design or Structural Steel Design</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENGT</td>
<td>435W</td>
<td>Senior Design Project (grade of C or better required)</td>
<td>3</td>
</tr>
<tr>
<td>EET</td>
<td>370T</td>
<td>Energy and the Environment</td>
<td>3</td>
</tr>
<tr>
<td>CET</td>
<td>ELE</td>
<td>Electives**</td>
<td>9</td>
</tr>
<tr>
<td>Upper Division</td>
<td>General Education (one or more additional courses will be required to complete a minor)**</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

### Credits to be Taken at ODU

| Summary | 55 |

### Transfer Credits from AAS Degree

| Credits Required | 65 |

### Additional Credits Required

| Credits to be Taken at ODU | 37 |

| Total Credits | 157 |

***Students are encouraged to complete a minor in Engineering Management, Business Management, Environmental Health and Safety or Mechanical Engineering Technology.

Signature: Dr. Paula Pando  
Date: 10/31/19

Signature: Dr. Brian Payne  
Date: 1/28/20

Dr. Paula Pando  
President  
Reynolds Community College

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