Memorandum of Agreement Between
Department of Engineering, East Carolina University
And
College of The Albemarle

The purpose of this Memorandum of Agreement is to formalize a structured partnership with the Department of Engineering, East Carolina University and College of The Albemarle. This agreement establishes a plan whereby a student will complete a Pre-Engineering Associate in Science degree, or accrue enough hours in the aforementioned curriculum for which a student can transfer into the Department of Engineering (ECU) for the continuation and completion of engineering studies. Upon completion of the academic requirements, the student shall be awarded a Bachelor of Science degree from East Carolina University in any of the following concentration areas:

- Industrial and Systems Engineering
- Mechanical Engineering
- Bioprocess Engineering
- Biomedical Engineering
- Electrical Engineering

This agreement and attached table will be revised if either entity makes substantive changes to the program content.

Program Requirements:
- Complete an Associate in Arts Degree
- Admission to ECU with at least a 2.5 GPA
- Only courses with a 'C' or better will transfer
- Apply up to 64 of the 128 semester hours required toward the degree
- At least 64 hours of the 128 semester hours required must be completed at ECU

East Carolina University
Dr. Marilyn Sheerer, Provost

Dr. David White, Dean, College of Technology and Computer Science,

Dr. Hayden Griffin, Chair, Department of Engineering

College of The Albemarle
Dr. Kandi W. Deltemeyer, President

Ms. Arthea Riddick, Vice President of Learning/Chief Academic Officer

Bobby Adams, Division Chair, Arts and Sciences

Rhonda Watts, Chair, Mathematics and Science Department,
## Transfer Course Table

<table>
<thead>
<tr>
<th>I. General Education</th>
<th>If AA not completed (Match to ECU - 42 credits)</th>
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<tbody>
<tr>
<td><strong>English composition (7 credits)</strong></td>
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| • ENG 111/111A  
• ENG 112 or ENG 113 or ENG 114 | **English composition (6 credits)** |
| | • ENG 111, ENG 112 or ENG 113 or ENG 114 |
| **Humanities/Fine Arts (12 credits)** |
| **One literature course:** Select one course from ENG 231, 232, 241, 242  
**One public speaking course:** COM 231 | **Humanities/Fine Arts (10 credits with at least one hour in each area)** |
| **Select two courses from the following discipline areas:** |
| • ART 111, 115  
• PHI 215  
• SPA 111,112, 212  
• DRA 111  
• MUS 115 | **Fine Arts:** ART 111, 114, 115; COM 231; DRA 111, 122, 211, 212; MUS 110, 113  
**Humanities:** ENG 231, 232, 241, 242; HUM 110, 120, 122, 220; PHI 215; REL 110, 112, 211, 212  
**ECU Engineering requires:** PHI 240 or take PHIL 2274 or 2275 at ECU |
| **Social/Behavioral Sciences (12 credits)** |
| **History Sequence and Economics** |
| • HIS 121, 122, or HIS 131, 132  
• ECO 251 (preferred by ECU)  
**Choose one course from the following:** |
| • ECO 111  
• PSY 150, 261  
• POL 120  
• SOC 210, 213, 220 | **Social Sciences (12 credits in at least three different areas)** |
| | • COM 110  
• ECO 251, 252. (ECU Engineering requires ECO 251)  
• GEO 111  
• HIS 111, 112, 131, 132  
• POL 120  
• PSY 150  
• SOC 210, 213, 220 |
| **Natural and Mathematics (16 credits)** |
| • PHY 251  
• PHY 252  
• MAT 271, 272 | **Natural Science and Mathematics (11 credits):** |
| | • Mathematics (3 credits) |
| | o MAT 271  
| | • Natural science (8 credits with 1 lab hour) |
| | o PHY 251, 252 |
| **Other required courses (6 credits)** |
| • ACA 122 (1)  
• HEA 110 (3) plus PED (2) | **Additional ECU general education - Health Education and Exercise Science (3 credits with at least one in each area)** |
| | • Health Education: HEA 110, 120  
| | • Exercise Science: PED 110 - 171, 173 - 189 |

### II. Other Required Courses

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<tr>
<th>Complete AA requirements (21 credits)</th>
<th>If AA Not Completed (Match engineering degree requirements with transfer credits up to 64)</th>
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<tr>
<td><strong>Engineering related electives - Select from the list of college transfer courses below (19 credits)</strong></td>
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</table>
| • EGR 150 (2)  
• MAT 273 (4)  
• CHM 151 (4), CHM 152 (4)  
• BIO 111 (4)  
• CIS 110 (3) | **Recommended courses 1 (if not taken in categories above)** |
| | • Mathematics (4): MAT 273  
| | • Engineering: EGR 150 (2)  
| | • Physics: PHY 251 (4), 252 (4)  
| | • Science: BIO 111 (4), CHM 152 (4) |

**Note:** 1) Students should consult ECU engineering transfer advisors on alternative matches for planned engineering concentration area.