

**ARTICULATION/TRANSFER AGREEMENT**  
**EAST TENNESSEE STATE UNIVERSITY**  
 Bachelor of Applied Science//*Industrial Leadership*  
**BLUE RIDGE COMMUNITY COLLEGE**  
 Associate of Applied Science//*Mechanical Engineering Technology*

**Blue Ridge Community College**

| Fall                             | CH        | Spring                         | CH        | Summer                               | CH        | Fall                              | CH        | Spring                           | CH        |
|----------------------------------|-----------|--------------------------------|-----------|--------------------------------------|-----------|-----------------------------------|-----------|----------------------------------|-----------|
| BPR 111-Print Reading            | 2         | DFT 154-Intro Solid Modeling   | 3         | ENG 112-Writing/Research in the Disc | 3         | EGR 250-Statics/Strength of Mater | 5         | MEC 260-Fund of Machine Design   | 3         |
| DFT 170-Engineering Graphics     | 3         | EGR 125-Appl Software for Tech | 2         | PHY 151-College Physics I            | 4         | ELC 128-Intro to PLC              | 3         | MEC 276-Capstone Design Project  | 1         |
| EGR 150-Intro to Engineering     | 2         | ISC 112-Indsutrial Safety      | 2         | MAT 152-Statistical Methods          | 3         | HYD 110-Hydraulics/Pneumatics     | 3         | PLA 110-Intro to Plastics        | 2         |
| ELC 131-Circuit Analysis I       | 4         | MEC 145-MFG Materials I        | 3         |                                      |           | ISC 220-Lean Manufacturing        | 3         | PLA 162-Plastics Manuf Processes | 3         |
| ACA 122-College Transfer Success | 1         | ENG 111-Writing and Inquiry    | 3         |                                      |           | MAC 114-Intro to Metrology        | 2         | ECO 252-Prin of Macroeconomics   | 3         |
| MAT 171-Precalculus Algebra      | 4         | COM 231-Public Speaking        | 3         |                                      |           |                                   |           | PHI 240-Intro to Ethics          | 3         |
|                                  | <b>16</b> |                                | <b>16</b> |                                      | <b>10</b> |                                   | <b>16</b> |                                  | <b>15</b> |

**TOTAL HOURS: 73**

**East Tennessee State University**

| Fall  | CH           | Spring                        | CH        | Fall                            | CH        | Spring         | CH        |
|---|--------------|-------------------------------|-----------|---------------------------------|-----------|----------------|-----------|
| Artistic Awareness Course                   | 3            | Guided Electives <sup>1</sup> | 9         | CDST 4950                       | 3         | CDST 4210      | 3         |
| Critical Thinking Course                    | 3            | ENTC 4017                     | 3         | CDST 4110                       | 2         | CDST 3100      | 3         |
| Social/Behavioral Science OR Science Course | 3-4          | CDST 2300                     | 1         | ENTC 3030                       | 3         | CDST 3000      | 3         |
| Humanities or History Course                | 3            | CDST 2200                     | 1         | MGMT 3000                       | 3         | History Course | 3         |
|   |              |                               |           | Growing as an Individual Course | 3         |                |           |
|   |              |                               |           |                                 |           |                |           |
|   | <b>12-13</b> |                               | <b>14</b> |                                 | <b>14</b> |                | <b>12</b> |

**TOTAL HOURS: 52-53**

**TOTAL DEGREE HOURS: 73+52-53=125-126**

<sup>1</sup>Choose 9 credits from: LEAD 4467, MGMT 3100, 3310; ENTC 4777, 2060, or PSYC 3340

Division of Cross-Disciplinary Studies  
 PO Box 70659  
 Phone: 423-439-4223

Yoakley Hall, second floor

**JoAnne Smith, Advisor**

213 Yoakley Hall

Phone: 423-439-4223

Email: [smithja5@etsu.edu](mailto:smithja5@etsu.edu)

Web Address: <https://www.etsu.edu/coe/cross-disciplinary/applied-science.php>

| <u>Courses at Blue Ridge</u> | <u>Equate to courses at ETSU:</u> |
|------------------------------|-----------------------------------|
| BPR 111                      |                                   |
| DFT 170                      | Elective                          |
| EGR 150                      | Elective                          |
| ELC 131                      | ENTC 2310                         |
| ACA 122                      | HDAL 2350                         |
| MAT 171                      | MATH 1710                         |
| DFT 154                      | Elective                          |
| EGR 125                      | CSCI 1100/1150                    |
| ISC 112                      | Elective                          |
| MEC 145                      | Elective                          |
| ENG 111                      | ENGL 1010                         |
| COM 231                      | COMM 2045                         |
| ENG 112                      | ENGL 1020                         |
| PHY 151                      | PHYS 2010                         |
| MAT 152                      | MATH 1530                         |
| EGR 250                      | Elective                          |
| ELC 128                      | Elective                          |
| HYD 110                      | Elective                          |
| ISC 220                      | Elective                          |
| MAC 114                      | Elective                          |
| MEC 260                      | Elective                          |
| MEC 276                      | Elective                          |
| PLA 110                      | Elective                          |
| PLA 162                      | Elective                          |
| ECO 252                      | ECON 2210                         |
| PHI 240                      | PHIL 2020                         |