

## ARTICULATION/TRANSFER AGREEMENT

### EAST TENNESSEE STATE UNIVERSITY

#### Bachelor of Applied Science//*Industrial Leadership*

### CHATTANOOGA STATE COMMUNITY COLLEGE

#### Associate of Applied Science//Mechanical Engineering Technology Concentration

#### **Chattanooga State Community College**

| <u>Fall</u>                                                                                        | <u>CH</u> | <u>Spring</u>                                   | <u>CH</u> | <u>Fall</u>                                                       | <u>CH</u> | <u>Spring</u>                                                                                               | <u>CH</u> |
|----------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------|-----------|-------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------|-----------|
| ET 115- Computers in Engineering Technology                                                        | 3         | MATH 1720-Precalculus Trigonometry              | 3         | MD 284- Electrical Technology for Mechanical Engineering          | 3         | MD 242- Statics and Strength of Materials 2                                                                 | 3         |
| **MATH 1710- Precalculus Algebra                                                                   | 3         | PHYS 2010-Non-Calculus Physics I                | 4         | MD 264- Thermodynamics I                                          | 3         | MD 226- Fluid Power                                                                                         | 3         |
| CHET 1400- Industrial Chemistry                                                                    | 4         | ET 220- Communication in Engineering Technology | 3         | MD 134- Statics and Strength of Materials I                       | 3         | MD 274- Machine Design/Capstone                                                                             | 4         |
| ENST 1370- Manufacturing Processes                                                                 | 3         | ***DD 124- CAD Engineering Drawing 2            | 3         | ET 215- Statistics and Quality Control for Engineering Technology | 3         | Fine Arts Elective- (ART 2000- Art History Survey or Art 2020- Art History Survey II- Recommended for ETSU) | 3         |
| ENGL 1010- Composition I                                                                           | 3         | MD 254- Elements of Material Science            | 3         | Social & Behavioral Science                                       | 3         | ****Technical Elective Course                                                                               | 3         |
| CSEG 1000- College Success in Engineering and Technology( Course required for first time freshman) | 3         |                                                 |           |                                                                   |           |                                                                                                             |           |
|                                                                                                    | <b>19</b> |                                                 | <b>16</b> |                                                                   | <b>15</b> |                                                                                                             | <b>16</b> |

**TOTAL HOURS: 66**

\*\*\*\***Technical Electives:** DD 222 Introduction to Creo Parametric, DD 227 Inventor 1, DD 243 SolidWorks 1, DD 263 CATIA 1, EETC 2332 PLC 2, NE 228 Fundamentals of Metallurgy, NP 110 Power Plant Components, QAQC 2320 Root Cause Analysis and Preventive/Corrective Actions, or WELD 1060 Introduction to Welding.

\*\*\* **Prerequisite:** For DD 124 CAD Engineering Drawing 2 is DD 114 CAD Engineering Drawing 1.

#### **East Tennessee State University**

| <u>FALL</u>              | <u>CH</u> | <u>SPRING</u>                     | <u>CH</u>    | <u>FALL</u> | <u>CH</u> | <u>SPRING</u>            | <u>CH</u> |
|--------------------------|-----------|-----------------------------------|--------------|-------------|-----------|--------------------------|-----------|
| Growing as an Individual | 3         | Electives <sup>1</sup>            | 9            | CDST 4950   | 3         | CDST 4210                | 3         |
| HIST 2010 or HIST 2020   | 3         | Natural Science or Social Science | 3-4          | CDST 4110   | 2         | Humanities               | 3         |
| CSCI 1100/1150           | 3         | Humanities or History             | 3            | ENTC 4017   | 3         | CDST 3100                | 3         |
| Natural Science          | 4         | CDST 2300                         | 1            | ENTC 3030   | 3         | Critical Thinking Course | 3         |
| ENGL 1020                | 3         | CDST 2200                         | 1            | MGMT 3000   | 3         | CDST 3000                | 3         |
|                          | <b>16</b> |                                   | <b>17-18</b> |             | <b>14</b> |                          | <b>15</b> |

**TOTAL HOURS: 61-62**

**TOTAL DEGREE CREDITS: 66+61-62=127-128**

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

**The Clemmer Office of Student Success:**  
**423-439-7626**

| <u>Courses at Chattanooga:</u> | <u>Equivalent to at ETSU:</u> |
|--------------------------------|-------------------------------|
| ET 115                         | Elective                      |
| MATH 1710                      | MATH 1710                     |
| CHET 1400                      | Elective                      |
| ENST 1370                      | Elective                      |
| ENGL 1010                      | ENGL 1010                     |
| CSEG 1000                      | Elective                      |
| MATH 1720                      | MATH 1720                     |
| PHYS 2010                      | PHYS 2010                     |
| ET 220                         | Elective                      |
| DD 124                         | Elective                      |
| MD 254                         | Elective                      |
| MD 284                         | Elective                      |
| MD 264                         | Elective                      |
| MD 134                         | Elective                      |
| ET 215                         | Elective                      |
| Social and Behavioral Science  | Social and Behavioral Science |
| MD 242                         | Elective                      |
| MD 226                         | Elective                      |
| MD 274                         | Elective                      |
| Humanities Elective            | Humanities Elective           |
| Technical Elective             | Technical Elective            |
| ART 2000                       | ARTH 2010                     |
| ART 2020                       | ARTH 2020                     |