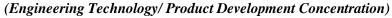
ARTICULATION/TRANSFER AGREEMENT EAST TENNESSEE STATE UNIVERSITY



Bachelor of Science Degree//Engineering





WALTERS STATE COMMUNITY COLLEGE

Associate of Science/Engineering Technology

Walters State Community College*/**

FALL	HOURS	SPRING	HOURS	FALL	HOURS	SPRING	HOURS
ECON 2100	3	ENGL 1020	3	EGRT 2020	3	EGRT	4
ENGL 1010	3	HIST 2020	3	PHYS 2010	4	EGRT 2320	4
HIST 2010	3	EGRT 2170	4	PHYS 2011	0	ENST 2380	3
MATH 1720	3	EGRT 2310	4	PSYC 1030	3	CHEM 1110/11	4
COMM 2025	3	Fine Art E	3	ENST 1370	3		
				Literature E	3		
TOTAL	<u>15</u>		<u>17</u>		<u>16</u>		<u>15</u>

TOTAL HOURS: 63

Computer Competency is <u>required</u>, either by passing a proficiency exam or INFS 1010 completion. See the website <u>www.ws.edu/academics/technical-ed/computer-competency/</u> for info on proficiency exam or call (423) 585-2644 for additional information to register.

Bridge Hours: (To be completed at Walters State Community College)

MATH 1530 3

East Tennessee State University

Technology Core	<u>Hours</u>	<u>Technical Support Core</u>	<u>Hours</u>	Specialty Sequence	<u>Hours</u>
ENTC 1510	2	DIGM 1100	4	See attached	27
ENTC 3030	3	MATH 1840, 1850 <u>OR</u>	6-8	Addendum	
ENTC 4017	3	MATH 1910, 1920		NO MINOR REQ'D	
ENTC 4060	3	PHYS 2020/ PHYS 2021	4		
ENTC 4600	4	<u>OR</u>			
ENTC 3710	3	CHEM 1120/ CHEM 1121	4		
ENTC 4357	3	<u>OR</u>			
Elective	3	HSCI 2010/ HSCI 2011	4		
		Elective	4		
TOTAL	<u>24</u>		<u>18-20</u>		<u>27</u>

TOTAL HOURS: 24+18-20+27 = 69-71

TOTAL DEGREE CREDITS: 63+3+72-74 = 138-140

¹Accredited by the Technology Accreditation Commission (TAC) of the Accreditation Board for Engineering and Technology (ABET).

For more information, contact East Tennessee Sate University, College of Business & Technology, Department of Technology (423) 439-7813.

*Contact Bill Hemphill Associate Professor 423-439-4184 109 Wilson-Wallis Hall hemphill@etsu.edu

^{*}Learning Support courses must be taken every semester until completed.

^{**}Only coursework for which a grade of C (2.0) or higher was earned will be accepted for transfer credit to ETSU for courses in <u>English</u>, <u>Math</u>, <u>Science</u>, <u>and Technology</u>



For Specialty Sequence Requirements, choose ONE of the following sets:

- Electronics & Communications and Manufacturing & Materials Specialty Sequences OR
- Electronics & Communications and Digital Media & Visualization Specialty Sequences OR
- Electronics & Communications and Construction & Architectural Specialty Sequences OR
- Manufacturing & Materials and Digital Media & Visualization Specialty Sequences OR
- Manufacturing & Materials and Construction & Architectural Specialty Sequences

Specialty Sequence Requirements: 27 Credit Hours

Choose two of the four specialty sequence of courses to complete 27 credits (either the Electronics & Communications and/or the Manufacturing & Materials Specialty Sequence must be chosen):

Specialty Engineering Technology Sequences

(Choose one or both)

Electronics & Communications Specialty Sequence:

Required:

- ENTC 2320 Electronics I (4 credits) EGRT 2320 Equivalent
- ENTC 3370 Electronics Digital Circuits (4 credits) EGRT 2370 Equivalent
 - ENTC 4277 Instrumentation and Process Control (4 credits)

Complete at least one or more of the following to complete credits in specialty sequence:

- ENTC 3310 Circuit Analysis (3 credits)
- ENTC 3340 Electrical Machinery (3 credits)
 - ENTC 4337 Microprocessors (4 credits)

Manufacturing & Materials Specialty Sequence:

Required:

• ENTC 3600 - Manufacturing Technology (3 credits)

Complete at least one or more of the following to complete credits in specialty sequence:

- ENTC 1600 Introduction to Technology Education (3 credits)
- ENTC 3620 Thermal and Fluid Technologies (4 credits)
- ENTC 4237 Ergonomics and Process Optimization (4 credits)
- ENTC 4277 Instrumentation and Process Control (4 credits)
- ENTC 2510 Introduction to Robotics (3 credits)

Specialty Technical Support Sequences

(Choose either both above or one below)

Digital Media & Visualization Specialty Sequence: 14-15 Credit Hours

- ARTA 1140 Core Studio II (3 credits)
- DIGM 2710 Vector-Based Imaging (4 credits) or

REVISED 6/2018 A. RAINBOLT

- DIGM 2720 Raster-Based Imaging (4 credits)
- DIGM 3300 Product Design (4 credits)

Choose at least one of the following:

- ARTA 2501 Introduction to Sculpture (3 credits)
- DIGM 1900 Principles of Visualization (4 credits)
- DIGM 3110 3-D Model Design (4 credits)

Construction & Architectural Specialty Sequence: 12-14 Credit Hours

Required:

- ENTC 2160 Architectural CADD (3 credits)
- ENTC 2410 Construction Fundamentals (4 credits)

Complete at least two or more of the following to complete credits in specialty sequence:

- INTD 2105 Historical Interiors I (3 credits)
- INTD 1105 Interior Design Fundamentals (3 credits)
- INTD 2110 Design for Human Behavior (3 credits)
- ENTC 2420 Residential and Commercial Planning (4 credits)
- ENTC 2440 Mechanical Systems (4 credits)
- <u>SURV 2550 Surveying Measurement Fundamentals</u> (3 credit hours)
- Humanities/Fine Arts (3 credits)
- Social/Behavioral Sciences (3 credits)
- Electives (2 credits)

Engineering Technology Program Information

Main Office

213 Wilson Wallis Hall ETSU Box 70552 Johnson City, TN 37614 (423) 439-7822 (Voice) (423) 439-7830 (Fax - Admin) (423) 439-7750 (Fax - Faculty)

email: johnsonk@etsu.edu