

ARTICULATION/TRANSFER AGREEMENT EAST TENNESSEE STATE UNIVERSITY



Bachelor of Science Degree//*Engineering*

(*Engineering Technology/ Manufacturing Concentration*)



WALTERS STATE COMMUNITY COLLEGE

Associate of Science/Engineering Technology

Walters State Community College

<u>FALL</u>	<u>HOURS</u>	<u>SPRING</u>	<u>HOURS</u>	<u>FALL</u>	<u>HOURS</u>	<u>SPRING</u>	<u>HOURS</u>
ECON 2100	3	ENGL 1020	3	EGRT 2020	3	EGRT 2200	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	<u>OR</u>	
				Literature E	3	PHYS 2020/21	4
TOTAL	<u>15</u>		<u>17</u>				<u>15</u>

TOTAL HOURS: 63

*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 English, Math, Science, and Technology

Computer Competency is required, either by passing a proficiency exam or INFS 1010 completion. See the website www.ws.edu/academics/technical-ed/computer-competency/ 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

<u>Technology Core</u>	<u>Hours</u>	<u>Technical Support</u>	<u>Hours</u>	<u>Specialty Sequence</u>	<u>Hours</u>
ENTC 1510	2	CSCI 2100	3	See attached	29
ENTC 3030	3	MATH 1840, 1850	6	Addendum	
ENTC 4017	3	<u>OR</u>		NO MINOR REQ'D	
ENTC 4060	3	MATH 1910, 1920, one	9		
ENTC 4600	4	additional credit**			
TOTAL	<u>15</u>	PHYS 2020, 2021	4		
<u>Manufacturing Concentration</u>		<u>OR</u>			
ENTC 3710	3	CHEM 1110, 1111***	4		
ENTC 4037	3				
ENTC 4357	3				
ENTC 4777	3				
TOTAL	<u>12</u>		<u>13-16</u>		<u>29</u>

TOTAL HOURS: 15+12+13-16+29 = 69-72

TOTAL DEGREE CREDITS: 63+3+69-72 = 135-138

*MATH 1720 transfer from WSCC

**Students that choose MATH 1910 & 1920 must work with advisor to find one additional credit

*** CHEM 1120/CHEM 1121 may be substituted for PHYS 2020/PHYS 2021

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

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

*Contact Us
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Choose one (1) Specialty Sequence from below to complete 29 credits.

Programming & Automation Specialty Sequence

- ~~ENTC 2320 - Electronics I (4 credits) EGRT 2320 transfers~~
- [ENTC 3370 - Electronics-Digital Circuits](#) (4 credits)
- [ENTC 4277 - Instrumentation and Process Control](#) (4 credits)
- [ENTC 4337 - Microprocessors](#) (4 credits)
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Choose 11 credits from below:

- [ENTC 2510 - Introduction to Robotics](#) (3 credits)
- [ENTC 3350 - Industrial Electronics](#) (3 credits)
- ENTC/CSCI Electives (7 credits)

General Manufacturing Specialty Sequence

- [ENTC 3010 - Statics and Strength of Materials](#) (4 credits)
- [ENTC 3620 - Thermal and Fluid Technologies](#) (4 credits)
- [ENTC 4257 - Plant Layout and Materials Handling](#) (3 credits)
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Choose 18 credits from below:

- [ENTC 3600 - Manufacturing Technology](#) (3 credits)
- [ENTC 4227 - Engineering Economy](#) (3 credits)
- [ENTC 4237 - Ergonomics and Process Optimization](#) (4 credits)
- ENTC/CSCI Electives (8 credits)
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Note: ENTC/CSCI electives may be chosen from any of the specialty sequence offerings or any of the following: [ENTC 4217](#), [ENTC 4347](#), [ENTC 4517](#), [ENTC 4900](#), [ENTC 4957](#), [ENTC 4989](#)/[ENTC 4999](#) or [CSCI 1250](#), [CSCI 1710](#), [CSCI 1800](#), [CSCI 2100](#).