

# TRANSFER AGREEMENT

2015-16

Walters State Community College

Tennessee Technological University

Use this as a guide to make your way through Walters State Community College and plan your future at Tennessee Technological University.

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## Transfer Agreement Policies

1. This publication is a transfer agreement between Walters State Community College and Tennessee Technological University.
2. The current edition of this publication will be in effect for six years from the time a student becomes regularly admitted to Walters State.
3. Students entering Walters State must meet all the standards and follow the procedures of the current Walters State catalog.
4. Students entering Tennessee Technological University must meet the standards and follow the procedures of the current Tennessee Tech undergraduate catalog.
5. This agreement assumes that student will complete an associate degree at Walters State before entering Tennessee Tech. Students not completing an associate degree will have their applications evaluated as any other transfer student.
6. In some cases, individual programs at Tennessee Tech have specific requirements for admissions which supersede all others.
6. Applicants will be notified of their admissions status after all credentials have been received and evaluated. Tentative admission may be granted on the basis of partial transcripts if the quality of work is clearly acceptable. Final admission is granted only after all official transcripts and credentials are received. Admission decisions will be mailed to the address provided by the student. You may also check your application status by logging back into your application.
7. Once accepted, your transcript evaluation will be able to be viewed. Only the credit, and not the grade, will transfer for academic and graduation purposes. Check out [www.tntech.edu/transfer](http://www.tntech.edu/transfer) for your next steps (setting up student email, applying for housing, proper health forms, advisement, orientation, etc.)
8. All non-commuting, single freshmen must live in university housing. Please visit [www.tntech.edu/reslife](http://www.tntech.edu/reslife) (or call 931-372-3414) for more information.

## Admissions Standards

Under this agreement, in order to be eligible for admission to Tennessee Tech, you must have an associate degree from Walters State and a minimum 2.0 grade point average.

Students not completing an associate degree will have their applications evaluated as any other transfer student. In selected majors, a higher grade point average is required for admission. Check the curricular requirements for the major of your choice for additional information.

## Application

1. Apply online at [www.tntech.edu/transfer](http://www.tntech.edu/transfer). Application priority deadlines for desired terms: [Fall = Aug. 1, Spring = Dec. 1, Summer = May 1]
2. Pay the \$25 application fee (if you've never paid it before). You can pay at the end of the application or online at [www.tntech.edu/payapplicationfee](http://www.tntech.edu/payapplicationfee).
3. Request ALL official transcripts be sent to TTU Admissions as soon as possible (including terms in progress). Make sure that you have final grades sent, as well, once they are posted. Please send to the mailing address listed below.
4. The grade point average (GPA) used for Admissions purposes will include grades earned at all previous institutions.
5. Students who have NOT earned 24 hours of transferrable work should also submit a high school transcript or GED scores (along with ACT and/or SAT scores). Students who have not successfully completed college-level Math or English courses must follow COMPASS testing guidelines.

Mailing Address:  
TTU Admissions Office  
P.O. Box 5006  
Cookeville, TN 38505

Physical Address:  
Admissions Office  
Derryberry Hall (Room 209)  
1 William L. Jones Dr.  
Cookeville, TN 38505

Contact Information:  
Phone: (931) 372-3888  
Toll Free: (800) 255-8881  
[admissions@tntech.edu](mailto:admissions@tntech.edu)  
M-F 8:00am-4:30pm (CT)

\*\*\*To schedule a date to visit TTU, please sign up at [www.tntech.edu/visit](http://www.tntech.edu/visit).\*\*\*

## Expenses

For the list of current fees, check the Bursar's web site at [www.tntech.edu/bursar/](http://www.tntech.edu/bursar/)

## Scholarship Information

Scholarship opportunities are available for transfer students. For scholarship information, check the scholarship web site at [www.tntech.edu/scholarships/](http://www.tntech.edu/scholarships/). The scholarship deadline date is December 15 for the next academic year.

## Undergraduate Colleges and Departments

### College of Agriculture and Human Ecology

School of Agriculture  
School of Human Ecology

### College of Arts and Sciences

Biology  
Chemistry  
Communication  
Earth Sciences  
English  
Foreign Languages  
History  
Mathematics  
Physics  
Psychology  
Sociology and Political Science

### College of Business

Accounting  
Decision Sciences and Management  
Economics, Finance and Marketing

### College of Education

Art  
Appalachian Center for Crafts  
Counseling and Psychology  
Curriculum and Instruction  
Exercise Science, Physical Education and Wellness  
Music

### College of Engineering

Chemical Engineering  
Civil and Environmental Engineering  
Computer Science  
Electrical and Computer Engineering  
Mechanical Engineering  
Manufacturing and Engineering Technology

### College of Interdisciplinary Studies

### School of Nursing

### Questions? Contact

Academic Records	Registrar, Derryberry Hall 102	372-3317
Admissions	Admissions Office, Derryberry Hall 209	372-3888
Athletics	Athletics, Hooper Eblen 300	372-3940
Auto Registration	Safety & Security	372-3234
Bills	Business Office, Derryberry Hall 100	372-3311
Books and Supplies	University Store, University Center G-7	372-3131
College of		
Agriculture and Human Ecology	Dean's Office	372-3149
Arts and Sciences	Dean's Office, Henderson Hall 202	372-3118
Student Success Center	Henderson Hall Room 202	372-3610
Business	Dean's Office, Johnson Hall 101	372-3372
Student Success Center	Johnson Hall 107	372-3371
Education	Dean's Office, T. J. Farr 100	372-3124
Advising Center	T.J. Farr 103	372-6336
Engineering	Dean's Office, Clement Hall 201	372-3172
Interdisciplinary Studies	Dean's Office, Southwest Hall 146	372-3394
School of Nursing	Academic Advisors, Nursing and Health Services	372-3229
Counseling	Counseling Center, University Center 307	372-3331
Fraternities	Student Organizations Office, University Center 234	372-3236
Financial Aid	Financial Aid Office, University Center 214	372-3073
Housing	Office of Residential Life, MS Cooper 217	372-3414
Religious Opportunity	Student Organizations Office, University Center 234	372-3236
Student Government	Student Organizations Office, University Center 234	372-3236
Student Organizations	Student Organizations Office, University Center 234	372-3236
Teacher Certification	College of Education, Bartoo Hall 301	372-3170
Veteran Certification	Registrar, Derryberry Hall 102	372-3317

**COLLEGE OF AGRICULTURE AND HUMAN ECOLOGY**  
**SCHOOL OF AGRICULTURE**  
**AGRICULTURE**

**Turfgrass Management Concentration**

WALTERS STATE COMMUNITY COLLEGE

Degree: Associate of Science

**Freshman Year**

ENGL 1010, 1020	Composition I, II	6
MATH 1530, 1630, 1830 or 1910		3-4
CHEM 1110, 1111, 1120, 1121		8
AGRI 1020, 1021	Introduction to Animal Science	4
AGRI 1030, 1031	Introduction to Plant Science	4
INFS 1010	Computer Applications	3
SPCH 1010	Fundamentals of Speech Communication	3

Total 31-32

**Sophomore Year**

AGRM 1710, 1711	Agriculture Economics	3
BIOL 2210, 2211	General Botany	4
ENGL 2110, 2120	American Literature I, II or	
ENGL 2410, 2420	Western World Lit. I, II	3
HIST 2010, 2020	American History I, II	6
ECON 2010, 2020	Macroeconomics, Microeconomics	6
AGRM 1610, 1611	Turf Power Equipment	3
	Humanities/Fine Arts Electives <sup>1</sup>	6

Total 31

TENNESSEE TECHNOLOGICAL UNIVERSITY

Dr. Thomas Riley, Interim Director Phone: (931) 372-3019

**Junior Year**

AGR 1020	Connections to Agriculture	1
ACCT 2110, 2120	Principles of Accounting I, Principles of Accounting II	6
AGET 3320	Small Power Equipment	2
AGET 3325	Small Power Equipment Lab	1
AGRN 3100	Turfgrass Management	3
AGHT 3470	Landscape Plant Materials	3
AGBE 3400	Agricultural Finance	3
Upper Division Ag Elective <sup>2</sup>		3
BIOL 3330	Entomology	3
AGRN 3210, 3220	Soils, Lab	4
MATH 1130, 1530, 1630, 1730, 1830 or 1910		3-4

Total 33

**Senior Year**

AGHT 3030	Integrated Pest Management	3
AGRN 4100	Weed Science	3
AGRN 4210	Soil Fertility & Fertilizers	3
AGBE 4030	Agribusiness Management	3
AGR 4930	Senior Seminar	2
Directed Business Electives <sup>3</sup>		6
Upper Division Ag Elective <sup>2</sup>		3
Electives		4

Total 27

<sup>1</sup>Select two courses from Walters States approved General Education Humanities/Fine Arts list.

<sup>2</sup>No more than one course from any Agriculture discipline (AGBE, AGED, AGET, AGHT, AGRN and ANS).

<sup>3</sup>Choose two courses (six hours) from the following: LAW 3810, BMGT 3510, BMGT 3630, MKT 3400, MKT 3430, MKT 4500.

# COLLEGE OF ENGINEERING

## DEPARTMENT OF CHEMICAL ENGINEERING

### CHEMICAL ENGINEERING

#### WALTERS STATE COMMUNITY COLLEGE

Degree: Associate of Science -- Emphasis -- Pre-Engineering

#### Freshman Year<sup>2</sup>

CHEM 1110, 1111, 1120, 1121	General Chemistry I, II w/lab	8
CISP 1010	Computer Science I OR	
CPSC 2170, 2171	Computer Programming Math/Engineering	4 or 3
MATH 1910, 1920	Calculus I, II	8
ENGL 1010, 1020	Composition I, II	6
SPCH 1010	Fundamentals of Speech Communication	3
Approved Social/Behavioral Science Electives		6

Total 35-34

#### Sophomore Year

CHEM 2010, 2011, 2020, 2021	Organic Chemistry I, II w/lab	8
ENGL 2110 or 2120	American Literature I, II OR	
ENGL 2410 or 2420	Western World Literature I, II	3
MATH 2110	Calculus III	4
MATH 2120	Differential Equations	3
HIST 2010, 2020 <sup>1</sup>	American History I, II	6
PHYS 2110, 2111, 2120, 2121	Physics I, II w/ Lab	8
Approved Humanities/Fine Arts Electives		6

Total 38

#### TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Pedro Arce, Department Chairman - Prescott Hall 214, Phone: (931) 372-3297  
(Recommend advisor be contacted prior to transfer.)

#### Junior Year<sup>3</sup>

CHE 1520	Intro to Chemical and Biological Process Analysis and Scaling I	3
CHE 2020	Intro to Chemical and Biological Process Analysis and Scaling II	3
CHE 3010	Thermodynamics of Chem Processes	3
CHE 3021	Separations & Solution Thermodynamics	4
CHE 3111	Transfer Science I: Conduction, Radiation, and Diffusion	4
CHE 3121	Transfer Science II: Fluid Mechanics	4
CHE 3730	Chemical Engineering Operations	3
CEE 2110, ECE 3810 or BIOL 3200		3
Technical Elective <sup>4</sup>		3

Total 30

#### Senior Year

CHE 4131	Transfer Science III: Diffusion and Diffusive-Convection Mass Transfer	4
CHE 4210	Chemical Reaction Engineering	4
CHE 4240	CHE Capstone Lab	1
CHE 4410, 4420	Process Design I, II	6
CHE 4540	Process Dynamics & Control	3
ChE Technical Electives <sup>5</sup>		6
CHE 4910	Professionalism and Ethics in CHE	1
CHEM 3510, 3520	Physical Chemistry	8

Total 33

- HIST 2010, 2020 American History I, II are requirements for the AS degree at Walters State only.
- Walters State students are required to fulfill computer competency requirements within the first thirty hours of college level work by either passing a computer competency exam or passing INFS 1010.
- Students must apply to the CHE Fast-Track MS program by the end of their second junior term.
- Three hours of Technical Electives can be from any of the following courses:
  - Any College of Engineering course at the 3000 or 4000 level.
  - Any BIOL/CHEM/MATH/PHYS at the 3000 or 4000 level.
  - CEE 2100
  - Any course with the prior approval of the ChE Undergraduate Program Coordinator.
  - Note that CEE 2110, BIOL 3200 and ECE 3810 cannot count both as a Technical Elective and as part of the CEE 2100/ECE 3810/BIOL 3200 option.
- Three hours of ChE Technical Electives must come from one of the following courses:
  - ChE 4330 – Polymer Engineering
  - ChE 4661 – Transport in Biochemical and Biological Processes
  - ChE 4950 – MEMS
  - ChE 4990 – Undergraduate Research

**Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.**

**DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING**

**COMPUTER ENGINEERING**

WALTERS STATE COMMUNITY COLLEGE

Degree: Associate of Science-- Emphasis -- Pre-Engineering

**Freshman Year<sup>3</sup>**

ENGL 1010, 1020	Composition I, II	6
MATH 1910, 1920	Calculus I, II	8
CHEM 1110, 1111	General Chemistry I w/lab	4
Approved Humanities/Fine Arts Elective		3
Approved Social/Behavioral Science Elective		3
CISP 1010 <sup>1</sup>	Computer Science I	4
SPCH 1010	Fundamentals of Speech Communication	3

Total 31

**Sophomore Year**

ENGL 2110 or 2120	American Literature I or II	OR	
ENGL 2410 or 2420			
	Western World Lit. I or II		3
PHYS 2110, 2111, 2120, 2121			
	Physics I, II w/ Lab		8
MATH 2010	Introduction to Linear Algebra		3
MATH 2110	Calculus III		4
MATH 2120	Differential Equations		3
HIST 2010, 2020 <sup>2</sup>	American History I, II		6
Approved Humanities/Fine Arts Elective			3
Approved Social/Behavioral Science Elective			3
Total		Total	33

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Charles Carnal, Faculty Advisor - Brown Hall 217, Phone: (931) 372-3397  
(Recommend advisor be contacted prior to transfer.)

**Third Year**

CSC 2100, 2101	Intro to Problem Solving and Computer Programming, Lab	4
CSC 2110	Data Structures and Algorithms	3
CSC 2111	Data Structures and Algorithms Lab	1
ECE 2001	Computer Aided Engineering in ECE	1
ECE 2010	Electric Circuits I	3
ECE 2011	EE Lab I	1
ECE 2020	Electric Circuits II	3
ECE 2110	Intro to Digital Systems	3

Total 19

**Fourth Year**

ECE 3010	Signals & Systems	3
ECE 3020	Discrete-Time Signals and Systems	3
ECE 3060	EE Lab II	1
ECE 3130	Microcomputer Systems	4
ECE 3300	Electronics I	3
ECE 3160	Digital Systems Laboratory	1
ECE 4910	Professional Issues in ECE	1
CSC 2400	Design of Algorithms	3
CSC 2500	Unix Lab	1
CSC 3030	Practical and Professional Issues in CSC	1
CSC 4200	Computer Networks	3
MATH 3470	Introductory Probability and Statistics	3
Total		27

**Fifth Year**

ECE 4961, 4971	Capstone Design I, II	6
ECE 4110	Digital System Design	3
ECE 4120	Fundamentals of Computer Design <sup>3</sup>	3
ECE 4140	Embedded System Design	3
EE Laboratory Elective <sup>4</sup>		1
EE elective <sup>4</sup>		3
CmpE Elective <sup>4</sup>		3
CSC 4100	Operating Systems	3
CS Elective <sup>4</sup>		3
Total		28

<sup>1</sup>Elective course is a requirement for the AS degree in pre-engineering at Walters State only. Prerequisite--CPSC 1230/31 or four years of high school math

<sup>2</sup>HIST 2010, 2020 American History I, II are requirements for the AS degree at Walters State only.

<sup>3</sup>Walters State students are required to fulfill computer competency requirements within the first thirty hours of college level work by either passing a computer competency exam or passing INFS 1010.

<sup>4</sup>Select from the ECE Department approved list.

**Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.**

**2015-2016**

**ARMY ROTC**

**RESERVE OFFICERS TRAINING CORPS**

**OBJECTIVE**

The objective of the Army Reserve Officers Training Corps (ROTC) is to prepare selected students to serve as officers in the Army Reserve, Army National Guard, and Active Army.

**ENROLLMENT REQUIREMENTS**

The general requirements for enrollment in Army ROTC are:

1. Be a citizen of the United States.
2. Be physically and mentally qualified.
3. Be accepted by the university as a full time student.
4. Be morally qualified.
5. Army ROTC non-scholarship students, complete graduation requirements prior to reaching age 28, and
6. Army ROTC scholarship students, complete graduation requirements prior to reaching age 25.

**TWO-YEAR ROTC PROGRAMS**

There are two options available to students who transfer from institutions without Army ROTC programs:

Option 1: Students will attend the ROTC Leaders Training Course (LTC) at Fort Knox, Kentucky. (In order to attend LTC, students need the permission of the Professor of Military Science at the school they will attend.) After LTC, students enroll in the ROTC Advanced Course as Military Science (MS) III's and take the MS III courses for two semesters. The following summer, students attend Leader Development and Assessment Course (LDAC) . The next school year, they enroll as MS IV's for two semesters and receive a commission as a Second Lieutenant upon graduation.

Option 2: Students who have completed basic training with any military service of the United States, or have attended one of the United States Service Academies for at least one year, will receive credit for the ROTC Basic Course and will not have to attend LTC. These students will begin ROTC as MS III's. They will attend LDAC the following year, enroll as MS IVs and be commissioned upon graduation. Students who have had four years of ROTC in high school can, at the discretion of the Professor of Military Science, be given placement credit for the basic course and will enter as MS III's without attending LTC.

**FINANCIAL AID**

Students who attend institutions that do not have ROTC are eligible to apply for the ROTC two-year scholarships before attending LTC. The scholarship will pay Fall & Spring Semester tuition, selected fees, and a book allowance. All students enrolled in the ROTC Advance Course and all scholarship students receive a monthly subsistence allowance during the school year. Students are also paid for the period of their attendance at the Leader's Training Course (LTC) and the Leader Development Assessment Course (LDAC).

**COMMISSIONING REQUIREMENTS**

In order to receive commissions, students must meet Tennessee Tech graduation requirements, complete required Military Science courses, meet the Army height/weight requirements, and pass the Army Physical Fitness Test.



(Alphabetized by College)

College of Agriculture and Human Sciences  
    School of Agriculture  
        Agriculture-Turfgrass Management Concentration ..... 1  
College of Engineering  
    Department of Chemical Engineering ..... 2  
    Department of Electrical and Computer Engineering..... 3  
Army ROTC ..... 4

(Alphabetized by Major)

Chemical Engineering ..... 2  
Computer Engineering..... 3  
Army ROTC ..... 4  
Turfgrass Management (Agriculture Concentration)..... 1