

# TRANSFER AGREEMENT

2016-17

Columbia State Community College

Tennessee Technological University

*Use this as a guide to make your way through Columbia 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 Columbia 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 Columbia State.
  3. Students entering Columbia State must meet all the standards and follow the procedures of the current Columbia 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 Columbia 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. Only the credit, and not the grade, will transfer for academic and graduation purposes. Check [tntech.edu/transfer](http://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 Columbia 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 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, Craft and Design  
Appalachian Center for Crafts  
Counseling & Psychology  
Curriculum & Instruction  
Exercise Science, Physical Education & Wellness  
Music

### College of Engineering

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

### College of Interdisciplinary Studies

### Whitson-Hestor 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
Student Success Center	TJ Farr Building 202	372-6036
Engineering	Dean's Office, Clement Hall 201	372-3172
Interdisciplinary Studies	Dean's Office, Southwest Hall 146	372-3994
School of Nursing	Academic Advisors, Nursing and Health Services	372-3229
Counseling	Counseling Center, University Center 307	372-3331
Financial Aid	Financial Aid Office, University Center 214	372-3073
Fraternities	Student Organizations Office, University Center 234	372-3236
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
Office of Teacher Education	College of Education, TJ Farr 103	372-3170
Veteran Certification	Registrar, Derryberry Hall 102	372-3317

**COLLEGE OF AGRICULTURE AND HUMAN ECOLOGY****SCHOOL OF AGRICULTURE****AGRICULTURE - NURSERY AND LANDSCAPE MANAGEMENT CONCENTRATION****COLUMBIA STATE COMMUNITY COLLEGE**

<b>Freshmen Year</b>		<b>F</b>	<b>SP</b>	<b>Sophomore Year</b>		<b>F</b>	<b>SP</b>
AGRI 1020	Intro to the Animal Science	4	0	ENGL 2130, 2230, or 2330		0	3
AGRI 1030	Intro to Plant Science	0	4	AGRI 1010	Intro to Agricultural Business <sup>3</sup>		0
ENGL 1010, 1020	Composition I, II	3	3	ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
CHEM 1110, 1120	General Chemistry I, II	4	4	SPCH 1010 or 1030		3	0
MATH 1130, 1530, 1630, 1830, or 1910		0	3-4	HIST 2010, 2020	Survey of American History I, II	3	3
INFS 1010	Computer Applications	3	0	Humanities/Fine Arts Electives		3	3
Electives (if needed)		0	1-2	MATH 1130, 1530, 1630, 1830, or 1910		0	3-4
Total		14	16	Total		15	15-16

**TENNESSEE TECHNOLOGICAL UNIVERSITY****Advisor: Dr. Thomas Riley, Director; School of Agriculture - Phone: (931) 372-3019**

<b>Junior Year</b>			<b>Senior Year</b>		
AGR 1020	Connections to Agriculture	1	AGR 4930	Senior Seminar	2
AGRN 1110	Plant Science Lab	1	AGBE 4030	Agribusiness Management	3
BIOL 2110	General Botany	4	AGHT 4410	Nursery Management	3
AGET 3110, 3115	Natural Resource Systems, Lab	4	AGRN 2300/ 2310	Soils, Soil Chemical Properties	4
AGHT 3400	Landscape Horticulture	3	AGRN 4210	Soil Fertility & Fertilizers	3
AGHT 3410	Plant Propagation	3	AGET 4610	Greenhouse Structures & Landscaping Equipment	3
AGHT 3450 or 3470		3	Upper Division Directed Business Electives <sup>2</sup>		6
ACCT 2110	Principles of Accounting I	3	Upper Division Agriculture Electives <sup>1</sup>		6
ACCT 2120	Principles of Accounting II	3			
AGBE 3110	Agricultural Marketing & Futures	3			
AGBE 3400	Agricultural Finance	3			
Total		31	Total		30

<sup>1</sup>No more than one course from any Agriculture discipline. (AGBE, AGED, AGET, AGHT, AGRN and ANS)<sup>2</sup>Choose two courses (six hours) from the following: BMGT 3510 or 3630, FIN 3210 or 3610, LAW 4720 or 3810, or MKT 3400, 3430, or 4500.

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**SCHOOL OF AGRICULTURE**

**AGRICULTURE - TURFGRASS MANAGEMENT CONCENTRATION**

**COLUMBIA STATE COMMUNITY COLLEGE**

<b>Freshmen Year</b>			<b>F</b>	<b>SP</b>	<b>Sophomore Year</b>			<b>F</b>	<b>SP</b>
AGRI 1020	Intro to the Animal Science	4	0	AGRI 1010	Intro to Agricultural Business	3	0		
AGRI 1030	Intro to Plant Science	0	4	ENGL 2130, 2230 or 2330		0	3		
MATH 1130, 1530, 1630, 1830, or 1910		3-4	0	HIST 2010, 2020	Survey of American History I, II		3	3	
ENGL 1010, 1020	Composition I, II	3	3	ECON 2010, 2020	Macroeconomics, Microeconomics		3	3	
CHEM 1110, 1120	General Chemistry I, II	4	4	SPCH 1010 or 1030			3	0	
INFS 1010	Computer Applications	0	3	Humanities/Fine Arts Electives			3	3	
				MATH 1130, 1530, 1630, 1830, or 1910			0	3-4	
				Elective (if needed)			0-1	0	
	<b>Total</b>		<b>14-15</b>	<b>14</b>	<b>Total</b>		<b>15-16</b>	<b>15-16</b>	

**TENNESSEE TECHNOLOGICAL UNIVERSITY**

**Advisor: Dr. Thomas Riley, Director; School of Agriculture Phone: (931) 372-3019**

<b>Junior Year</b>				<b>Senior Year</b>		
AGR 1020	Connections to Agriculture	1		AGHT 3030	Integrated Pest Management	3
AGRN 1110	Plant Science Lab	1		AGRN 4100	Weed Science	3
ACCT 2110	Principles of Accounting I	3		AGRN 4210	Soil Fertility & Fertilizers	3
ACCT 2120	Principles of Accounting II	3		AGBE 4030	Agribusiness Management	3
AGET 2110, 2115 or 3110, 3115		3		AGR 4930	Senior Seminar	2
AGET 3320	Small Power Equipment	3		Directed Business Electives <sup>2</sup>		6
AGET 3325	Small Power Equipment Lab	1		Upper Division Agriculture Electives <sup>1</sup>		6
AGRN 3100	Turfgrass Management	3				
AGHT 3470	Landscape Plant Materials	3				
AGBE 3400	Agricultural Finance	3				
BIOL 2110	General Botany	4				
BIOL 3330	Entomology	3				
AGRN 2300, 2310	Soil Chemical Properties	4				
	<b>Total</b>		<b>35</b>	<b>Total</b>		<b>26</b>

<sup>1</sup>No more than one course from any Agriculture discipline. (AGBE, AGED, AGET, AGHT, AGRN and ANS)

<sup>2</sup>Choose two courses (six hours) from the following: BMGT 3510, BMGT 3630, LAW 3810, MKT 3400, MKT 3430 or MKT 4500.

## COLLEGE OF BUSINESS

### INTERNATIONAL BUSINESS AND CULTURES

#### COLUMBIA STATE COMMUNITY COLLEGE

<b>Freshman Year</b>		<b>F</b>	<b>SP</b>	<b>Sophomore Year</b>		<b>F</b>	<b>SP</b>
ENGL 1010, 1020	Composition I, II	3	3	ACCT 1010, 1020	Principles of Accounting I, II	3	3
INFS 1010	Computer Applications	0	3	ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
HIST 1110, 1120	Survey of World Civilizations I, II	3	3	ENGL 2330	Survey of World Literature	0	3
MATH 1130	College Algebra	3	0	HIST 2010, 2020	Survey of American History I, II	3	3
Natural Science		4	4	SPCH 1010 or 1030		3	0
Foreign Language 1010, 1020		3	3	Foreign Language 2010, 2020		3	3
Total		16	16	Total		15	15

#### TENNESSEE TECHNOLOGICAL UNIVERSITY

#### INTERNATIONAL BUSINESS AND CULTURES - BACHELOR OF SCIENCE DEGREE

**Advisor: Dr. Steve Isbell, Department Chairperson - Johnson Hall 216, Phone: (931) 372-3745**

<b>Junior Year</b>			<b>Senior Year</b>			
UBUS 1020	Success Skills for Business Studies		1	BMGT 4930	Business Strategy	3
BMGT 3510	Management & Org. Behavior	3		ECON 4120	Natural Resource Economics	3
BMGT 3600	International Management	3		ECON 4510	International Trade & Finance	3
ECON 3320, 3810 or 3820		3		FIN 4910	Multinational Financial Mgt.	3
ECON 3610	Business Statistics I	3		MKT 4100	International Marketing	3
FIN 3210	Principles of Managerial Finance	3		IBC 4980	Practicum	3-6
MKT 3400	Principles of Marketing	3		World Studies Elective <sup>2</sup>		3
Foreign Language 3010, 3020		6		Business Elective <sup>1</sup>		3
Foreign Language 3200		3		Elective		0-3
World Studies Elective <sup>3</sup>		3				
Total			31	Total		27-30

<sup>1</sup>Elective courses are to be selected in consultation with the academic advisor.

<sup>3</sup>Students may choose from the following: ENGL 4720; FREN 3510; GERM 3510 or 3520; SPAN 3510 or 3550 or any upper level foreign language class not used for the foreign language requirement; GEOG 1120, 1130, 2010, 3200; HIST 4440-4499, 4550, 4560, 4570, 4620, 4630, 4710, 4730, 4740, 4750, 4790-4799; POLS 4510, 4960; SOC 2100, 4090; or SPCH 3620.

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

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## COLLEGE OF EDUCATION

### OFFICE OF TEACHER EDUCATION

#### Admission to the Teacher Education Program for Undergraduate Students

The undergraduate admission process applies to students pursuing a bachelor's degree and transfer students that received the AS (Associate of Science) or AAS (Associate of Applied Science) Degree from a community college. Students fitting this category receive full admission to the Teacher Education Program upon meeting the following requirements at the link below:

<https://www.tntech.edu/education/teachered/admission-to-tep/undergraduate-requirements-for-admission-to-the-teacher-education-program>

All requirements for admission to the Teacher Education Program must be completed by the designated deadline. Students will not be allowed to enroll in any upper division professional education courses without obtaining full admission to the program. A detailed list of requirements, deadlines, and links to all required forms can be found at the above link. Forms cannot be submitted online without a TNumber.

Upon admission to the Teacher Education Program, students will then begin to prepare and submit requirements for their Field and Clinical Practice (Residency or Student Teaching experience). More detailed information on Field and Clinical Practice requirements and deadlines can be found here: <https://www.tntech.edu/education/teachered/field-and-clinical-practice/>

#### Admission to the Teacher Education Program for Students with an AST Degree

Students who completed the AST (Associate of Science in Teaching) Degree through a community college will have completed some requirements previously in order to obtain their AST degree. In order to complete full admission to the Teacher Education Program at Tennessee Tech University students must show proof of having been awarded the AST Degree (this will be listed on official transcripts) and meet the requirements listed at the link below:

<https://www.tntech.edu/education/teachered/admission-to-tep/ast-degree-requirements-for-admission-to-the-teacher-education-program>

All requirements for admission to the Teacher Education Program must be completed by the designated deadline. Students will not be allowed to enroll in any upper division professional education courses without obtaining full admission to the program. A detailed list of requirements, deadlines, and links to all required forms can be found at the above link. Forms cannot be submitted online without a TNumber.

Upon admission to the Teacher Education Program, students will then begin to prepare and submit requirements for their Field and Clinical Practice (Residency or Student Teaching experience). More detailed information on Field and Clinical Practice requirements and deadlines can be found here: <https://www.tntech.edu/education/teachered/field-and-clinical-practice/>

Teacher Education candidates may be required to meet revisions in various curricula necessitated by changing



**SECONDARY EDUCATION  
SPEECH COMMUNICATION AND THEATRE (Speech 7-12 and Theatre K-12)**

**COLUMBIA STATE COMMUNITY COLLEGE**

<b>Freshman Year</b>		<b>F</b>	<b>SP</b>	<b>Sophomore Year</b>		<b>F</b>	<b>SP</b>
EDU 201	Introduction to Education	3	0	EDU 221	Educational Psychology	3	0
ENGL 1010, 1020	Composition I, II	3	3	ENGL 2330	Survey of World Literature	0	3
MATH (Approved General Education)		3	0	THEA 1020	Acting	3	0
Science Sequence		4	4	HIST 2010, 2020	Survey of American History I, II	3	3
Foreign Language 2010, 2020		3	3	SPCH 1010	Fundamentals of Speech Communication	3	0
ART or MUS 1030		0	3	Social/Behavioral Science Electives		3	3
THEA 1030	Intro to Theatre and Performance	0	3	THEA 1430	Acting II	0	3
				TEHA 2430	Musical Drama and Speech	0	3
	<b>Total</b>	<b>16</b>	<b>16</b>		<b>Total</b>	<b>15</b>	<b>15</b>

**TENNESSEE TECHNOLOGICAL UNIVERSITY  
SECONDARY EDUCATION SPEECH COMMUNICATION AND THEATRE  
(Speech 7-12 & Theatre K-12 Licensure) - BACHELOR OF SCIENCE DEGREE  
Advisor: College of Education Student Success Center - TJ Farr 202, Phone: (931) 372-6036**

<b>Junior Year</b>			<b>Senior Year</b>		
CUED 4120 or SEED 4120		3	SEED 4871	Residency I	5
ENGL 3910 or 3920		3	SEED 4872	Professional Seminar I	5
ENGL 4121	Shakespeare	3	SEED 4881	Residency II	10
FOED 3010	Integrating Instructional Technology into the Classroom	3	SEED 4882	Professional Seminar II	2
FOED 3820	Field Experiences in Education	2	SPED 3000	Teaching Persons with Disabilities in the Regular Classroom	3
READ 3350	Teaching Reading in the Content Areas	3			
SPCH 3130	Speech Activities	3		<b>Total</b>	<b>25</b>
SPCH 3630	Discussion & Parliamentary Procedure	3			
SPCH 4430	Advanced Interpersonal Communication	3			
THEA 2200	Stagecraft	3			
THEA 4300	Play Directing	3			
THEA 4500	Creative Dramatics	3			
	<b>Total</b>	<b>35</b>			

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

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## COLLEGE OF ENGINEERING

### DEPARTMENT OF CHEMICAL ENGINEERING

#### CHEMICAL ENGINEERING

#### COLUMBIA STATE COMMUNITY COLLEGE

Freshman Year	F	SP	Sophomore Year	F	SP
CHEM 1110, 1120 General Chemistry I, II	4	4	CHEM 2010, 2020 Organic Chemistry I, II	4	4
CISP 1010 Programming I	0	3	ENGL 2130, 2230 or 2330	0	3
ENGL 1010, 1020 Composition I, II	3	3	MATH 2110 Calculus &		
MATH 1910, 1920 Calculus &			Analytical Geometry III	4	0
Humanities/Fine Arts Electives	3	3	MATH 2120 Differential Equations	0	3
			PHYS 2110, 2120 Physics I, II	4	4
			SPCH 1010 or 1030	3	0
			Social/Behavioral Science Electives	3	3
			HIST 2010, 2020 <sup>1</sup> Survey of American		
			History I, II	3	3
Total	14	17	Total	21	20

#### TENNESSEE TECHNOLOGICAL UNIVERSITY

**Advisor: Dr. Pedro Arce, Department Chairperson**

**Prescott Hall 214, Phone (931) 372-3297**

**(Recommend the advisor be contacted prior to transfer.)**

Junior Year <sup>2</sup>		Senior Year	
CHE 1520 Intro to Chemical & Biological Process Analysis and Scaling I	3	CHE 4131 Transfer Science III: Diffusion and Diffusive-Convective Mass Transfer <sup>4</sup>	
CHE 2020 Intro to Chemical & Biological Process Analysis and Scaling II	3	CHE 4210 Chemical Reaction Engineering	4
CHE 3010 Thermodynamics of Chemical Processes	3	CHE 4240 Chemical Engineering Capstone Project	1
CHE 3021 Separations and Solution Thermodynamics	4	CHE 4410, 4420 Process Design I, II	6
CHE 3111 Transfer Science I: Conduction, Radiation, and Diffusion	4	CHE 4540 Process Dynamics & Control	3
CHE 3121 Transfer Science II: Fluid Mechanics	4	ChE Technical Elective <sup>4</sup>	6
CHE 3730 Chemical Engineering Operations	3	CHE 4910 Professionalism and Ethics in CHE	1
Technical Elective <sup>3</sup>	3	CHEM 3510, 3520 Physical Chemistry	8
CEE 2110, ECE 3810 or BIOL 3200	3		
Total	30	Total	33

<sup>1</sup>HIST 2010 and 2020 Survey of American History I, II are not required for the Bachelor of Science degree in Chemical Engineering.

<sup>2</sup>Students must apply to the CHE Fast-Track MS program by the end of their second junior term.

<sup>3</sup>Three hours of Technical Electives can be from any of the following courses:

- a. Any College of Engineering course at the 3000 or 4000 level.
- b. Any BIOL/CHEM/MATH/PHYS at the 3000 or 4000 level.
- c. CEE 2100
- d. Any course with the prior approval of the ChE Undergraduate Program Coordinator.
- e. Note that CEE 2100, BIOL 3200 and ECE 3810 cannot count both as a Technical Elective and as part of the CEE 2100/ECE 3810/BIOL 3200 option.

<sup>4</sup>Three hours of ChE Technical Electives must come from one of the following courses:

- a. ChE 4330--Polymer Engineering
- b. ChE 4661 -- Transport in Biochemical and Biological Processes
- c. 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

#### COLUMBIA STATE COMMUNITY COLLEGE

<b>Freshman Year</b>	<b>F</b>	<b>SP</b>	<b>Sophomore Year</b>	<b>F</b>	<b>SP</b>
ENGL 1010, 1020 Composition I, II	3	3	ENGL 2130, 2230 or 2330	0	3
MATH 1910, 1920 Calculus and Analytical Geometry I, II	4	4	SPCH 1010 or 1030	3	0
CHEM 1110 General Chemistry I	4	0	PHYS 2110, 2120 Physics I, II	4	4
Humanities/Fine Arts Elective	0	3	MATH 2010 Linear Algebra	3	0
Social/Behavioral Science Electives	3	3	MATH 2120 Differential Equations	0	3
			Humanities/Fine Arts Elective	3	0
			HIST 2010, 2020 <sup>1</sup>		
			Survey of American History I, II	3	3
Total	14	13	Total	16	13

#### TENNESSEE TECHNOLOGICAL UNIVERSITY COMPUTER ENGINEERING - BACHELOR OF SCIENCE DEGREE

**Advisor: Dr. Charles Carnal, Faculty Advisor**

**Brown Hall 217, Phone (931) 372-3397**

**(Recommend the advisor be contacted prior to transfer.)**

<b>Third Year</b>		<b>Fourth Year</b>	
CSC 2100, 2101 Intro to Problem Solving and Computer Programming, Lab	4	ECE 3010 Signals & Systems	3
CSC 2110, 2111 Data Structures and Algorithms, Lab	4	ECE 3020 Discrete-time Signals and Systems	3
ECE 2001 Computer Aided Engineering in ECE	1	ECE 3130 Microcomputer Systems	4
ECE 2010, 2011 Electric Circuits I, Lab	4	ECE 3160 Digital Systems Laboratory	1
ECE 2020 Electric Circuits II	3	ECE 3300 Electronics I	3
ECE 2110 Intro to Digital Systems	3	ECE 3920 Professional Issues in ECE	1
ECE 3060 EE Lab II	1	CSC 2400 Design of Algorithms	3
MATH 2110 Calculus III	4	CSC 2500 Unix Laboratory	1
MATH 3470 Introductory Probability and Statistics	3	CSC 4200 Computer Networks	3
Total	27	Total	22
<b>Fifth Year</b>			
ECE 4961, 4971 Capstone Design I, II	6		
ECE 4110 Digital System Design	3		
ECE 4120 Fundamentals of Computer Design	6		
ECE 4140 Embedded System Design	3		
EE Laboratory Elective <sup>2</sup>	2		
EE Elective <sup>2</sup>	3		
Computer Engineering Elective <sup>2</sup>	3		
CSC 4100 Operating Systems	3		
CS Elective <sup>2</sup>	3		
Total	31		

<sup>1</sup>HIST 2010 and 2020 Survey of American History I, II are not required for the Bachelor of Science degree in Computer Engineering.

<sup>2</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.**

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**WHITSON-HESTER SCHOOL OF NURSING  
NURSING  
(Associate of Applied Science Degree)  
COLUMBIA STATE COMMUNITY COLLEGE**

**Freshman Year**

BIOL 2010, 2020	Anatomy & Physiology I, II	8
BIOL 2230	Microbiology	4
NUR 1115	Nursing Foundations Practice	5
NUR 1118	Nursing I Clinical and Skills Lab	2
NUR 1126	Basic Medical-Surgical Nursing	3
NUR 1127	Health of Women and Infants	2
NUR 1128	Nursing II Clinical	2
NUR 121	Math Applications for Nursing	1
NUR 122	Pharmacology	2
PSYC 1030	Introduction to Psychology	3
PSYC 2130	Lifespan Psychology	3
	<b>Total</b>	<b>35</b>

**Sophomore Year**

ENGL 1010	Composition I	3
NUR 2116	Intermediate Med-Surg Nursing	4
NUR 2117	Psychiatric/Mental Health Nursing	2
NUR 2118	Nursing III Clinical	3
NUR 2188	Applying Surgical Concepts	1
NUR 2189	Applying Psychiatric Concepts	1
NUR 2125	Advanced Med-Surg Nursing	6
NUR 2128	Nursing IV Clinical	3
NUR 2198	Applying Pediatric Concepts	1
NUR 2199	Applying Medical Concepts	1
SPCH 1010 or 1030		3
	Humanities/Fine Arts Elective <sup>2</sup>	3
	<b>Total</b>	<b>31</b>

**Transition**

ENGL 1020	Composition II	3
ENGL 2130, 2230 or 2330		3
HIST 2010, 2020	American History I, II	6
	Humanities/Fine Arts Elective <sup>2</sup>	3
MATH 1130 or 1530		3
SOCI 1010 or 210 (SOC 1010 or 1100 @ TTU)		3
Electives <sup>1</sup>		10
	<b>Total</b>	<b>31</b>

**TENNESSEE TECHNOLOGICAL UNIVERSITY  
NURSING-BACHELOR OF SCIENCE DEGREE (RNBSN)**

Advisor: Ben Clark

Nursing and Health Services Building 208, Phone: (931) 372-3229

**Junior Year**

*Tennessee Career Mobility Plan Exams		
NURS 3465	Bridging to Prof Nursing Practice	4
NURS 3260, 3261 or 3281		
	Health Assessment & Promotion	3
NURS 3250, 3270, 3271, 3280, 3350, 3361, 3370, 3371		22
NURS 3380	Pathophysiological Processes for the Professional Nurse	3
	<b>Total</b>	<b>32</b>

**Senior Year**

NURS 4000, 4001, 4100, 4101		10
NURS 3430	Survey of Pharmacological Aspects of Nursing	3
NURS 4300	Research in Health Care	3
NURS 4350	Health Care of Communities	4
NURS 4351	Health Care of Communities: Lab	3
NURS 4450	Leadership & Management	3
NURS 4451	Leadership & Management: Lab	4
	<b>Total</b>	<b>30</b>

<sup>1</sup>Elective courses must be selected from the Columbia State/TTU Transfer Equivalency table <https://www.tntech.edu/admissions/transfer/apply/credits/tn-cc-equiv-tables/>. Any 1 three-hour course not otherwise required.

<sup>2</sup>Courses must be selected from the general education list.

\*NLN Mobility Profile II exams, if required, must be successfully completed prior to beginning Upper Division courses.

\*\*Credit for required courses NURS 3250, 3270, 3271, 3280, 3361, 3350, 3370, 3371, 4000, 4001, 4100, 4101 (32 hours) will be awarded after the successful completion of 12 hours of Upper Division nursing course work.

Admission to Upper Division Nursing at TTU is not automatic. Enrollment is limited and competitive. Application for Upper Division

Nursing must be made directly with the School of Nursing in addition to application to the University. Applications will be available twice per year. Please check the website for specific dates at [www.tntech.edu/nursing](http://www.tntech.edu/nursing) under "How to Apply".

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

**2016-2017**

**ARMY ROTC**

**RESERVE OFFICERS' TRAINING CORPS**

**OBJECTIVE**

The objective of the 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 ROTC are:

1. Be a citizen of the United States,
2. Physically and mentally qualified,
3. Accepted by the university as a full-time student,
4. Morally qualified,
5. For non-ROTC scholarship students, complete graduation requirements prior to reaching age 28, and
6. For 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 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 ROTC courses, meet the Army height/weight requirements, and pass the Army Physical Fitness Test.

9/19/16

College of Agriculture and Human Ecology

School of Agriculture

Nursery and Landscape Management.....1

Turfgrass Management.....2

College of Business

International Business and Cultures .....3

College of Education .....4

Secondary Education: Speech Communication and Theatre (Speech 7-12 and Theatre K-12 Licensure) .....5

College of Engineering

Chemical Engineering.....6

Computer Engineering.....7

School of Nursing

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