# TRANSFER AGREEMENT 2017-18

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.

### **CONTENTS**

Transfer Agreement Policies	i
Admission Standards	i
Application	i
Expenses	i
Scholarship Information	i
Undergraduate Colleges and Departments	ii
Questions Directory	ii
College of Agriculture and Human Ecology	1
College of Business	3
College of Education	4
College of Engineering	6
School of Nursing	8
Army ROTC	9
Index	10

#### **Transfer Agreement Policies**

- 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.
- Students entering Tennessee Technological University must meet the standards and follow the procedures of the current Tennessee Tech undergraduate catalog.
- 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.

#### **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**

- Apply online at www.tntech.edu/adsmissions/ apply. 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. If you are applying for Summer Term 2018 or later, you will log back into your application to pay the fee.
- 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 ddress 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 ACCUPLACER testing guidelines.

- 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.
- Only the credit, and not the grade, will transfer for academic and graduation purposes. Check 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 (or call 931-372-3414) for more information.

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

Physical Address: Admissions Office Jere Whitson (Room 208) 805 Quadrangle Cookeville, TN 38505

Contact Information: Phone: (931) 372-3888 Toll Free: (800) 255-8881 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.\*\*\*

#### **Expenses**

For the list of current fees, check the Bursar's web site at 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/ 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

Sociology and Political Science

#### **College of Business**

Accounting

Decision Sciences and Management Economics, Finance and Marketing

#### **College of Education**

Counseling & Psychology Curriculum & Instruction

Exercise Science, Physical Education & Wellness

#### College of Engineering

Chemical Engineering

Civil and Environmental Engineering

Computer Science

**Electrical & Computer Engineering** 

Mechanical Engineering

Manufacturing & Engineering Technology

#### **College of Fine Arts**

Art, Craft and Design

Appalachian Center for Crafts

Music

#### **College of Interdisciplinary Studies**

School of Environmental Studies School of Interdisciplinary Studies School of Professional Studies

#### **Whitson-Hestor School of Nursing**

#### **Questions? Contact:**

Academic Records Admissions Athletics Auto Registration Bills	Registrar, Jere Whitson 221 Admissions Office, Jere Whitson 208 Athletics, Hooper Eblen 300 Safety & Security Business Office, Derryberry Hall 100	372-3317 372-3888 372-3940 372-3234 372-3311
Books and Supplies	University Store, University Center G-7	372-3131
College of Agriculture and Human Ecology Arts and Sciences Student Success Center Business Student Success Center Education Student Success Center Engineering Interdisciplinary Studies School of Nursing Counseling Financial Aid Fraternities Housing Religious Opportunity Student Government Student Organizations	Dean's Office, Oakley Hall 102 Dean's Office, Henderson Hall 202 Henderson Hall Room 202 Dean's Office, Johnson Hall 101 Johnson Hall 107 Dean's Office, T.J. Farr 100 TJ Farr Building 202 Dean's Office, Clement Hall 201 Dean's Office, Southwest Hall 146 Academic Advisors, Nursing and Health Services Counseling Center, University Center 307 Financial Aid Office, Jere Whitson 302 Student Organizations Office, University Center 234 Office of Residential Life, MS Cooper 217 Student Organizations Office, University Center 234 Student Organizations Office, University Center 234 Student Organizations Office, University Center 234	372-3149 372-3118 372-3610 372-3372 372-3371 372-3124 372-6036 372-3172 372-3994 372-3229 372-3331 372-3073 372-3236 372-3236 372-3236 372-3236 372-3236
Office of Teacher Education Veteran Certification	College of Education, TJ Farr 103 Military and Veterans Affairs, Jere Whitson 324	372-3230 372-3170 372-3503

#### **COLLEGE OF AGRICULTURE AND HUMAN ECOLOGY**

#### SCHOOL OF AGRICULTURE

#### AGRICULTURE - NURSERY AND LANDSCAPE MANAGEMENT CONCENTRATION

#### **COLUMBIA STATE COMMUNITY COLLEGE**

Freshmen Year		F	SP	Sophomore Year		F	SP
AGRI 1020	Intro to the Animal Science	4	0	ENGL 2130, 2230,	2310 or 2320	0	3
AGRI 1030	Intro to Plant Science	0	3	AGRI 1010	Intro to Agricultural Busines	ss3	0
ENGL 1010, 1020	Composition I, II	3	3	ECON 2010, 2020	Macrocconomics,		
CHEM 1110, 1120	General Chemistry I, II	4	4		Microeconomics	3	3
MATH 1130, 1530,	1630, 1830, or 1910	0	3-4	SPCH 1010 or 103	0	3	0
INFS 1010	Computer Applications	3	0	HIST 2010, 2020	Survey of American		
Electives (if needed	d)	0	1-2		History I, II	3	3
				Humanities/Fine Ar	ts Electives	3	3
				MATH 1130, 1530,	1630, 1830, or 1910	0	3-4
	Total	14	15-16		Total	15	15-16

#### TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Dennis Duncan, Director; School of Agriculture - Phone: (931) 372-3019

Junior Year			Senior Year		
AGHE 1020	Connections in Agriculture and		AGR 4930	Senior Seminar	2
	Human Ecology	1	AGBE 4030	Agribusiness Management	3
AGRN 1110	Plant Science Lab	1	AGHT 4410	Nursery Management	3
BIOL 2110	General Botany	4	AGRN 2300/ 2310	Soils, Soil Chemical Properties	4
AGET 3110, 3115	Natural Resource Systems, Lab	4	AGRN 4210	Soil Fertility & Fertilizers	3
AGHT 3400	Landscape Horticulture	3	AGET 4610	Greenhouse Structures &	
AGHT 3410	Plant Propagation	3		Landscaping Equipment	3
AGHT 3450 or 3470		3	Upper Division Dire	ected Business Electives <sup>2</sup>	6
ACCT 2110	Principles of Accounting I	3	Upper Division Agr	iculture Electives1	6
ACCT 2120	Principles of Accounting II	3			
AGBE 3110	Agricultural Marketing & Futures	3			
AGBE 3400	Agricultural Finance	3			
				Total	30
	Total	31			

<sup>&</sup>lt;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.

#### **SCHOOL OF AGRICULTURE**

#### **AGRICULTURE - TURFGRASS MANAGEMENT CONCENTRATION**

#### **COLUMBIA STATE COMMUNITY COLLEGE**

Freshmen Year		F	SP	Sophomore Year		F	SP
AGRI 1020	Intro to the Animal Scie	nce 4	0	AGRI 1010	Intro to Agricultural Busin	ness3	0
AGRI 1030	Intro to Plant Science	0	3	ENGL 2130, 2230,	2310 or 2320	0	3
MATH 1130, 1530,	1630, 1830, or 1910	3-4	0	HIST 2010, 2020	Survey of American		
ENGL 1010, 1020	Composition I, II	3	3		History I, II	3	3
CHEM 1110, 1120	General Chemistry I, II	4	4	ECON 2010, 2020	Macrocconomics,		
INFS 1010	<b>Computer Applications</b>	0	3		Microeconomics	3	3
				SPCH 1010 or 103	0	3	0
				Humanities/Fine Ar	ts Electives	3	3
				MATH 1130, 1530,	1630, 1830, or 1910	0	3-4
				Electives		2	0
	Total	14-15	13		Total	17	15-16

#### TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Dennis Duncan, Director; School of Agriculture Phone: (931) 372-3019

Junior Year AGHE 1020  AGRN 1110 ACCT 2110 ACCT 2120 AGET 2110, 2115 (AGET 3320) AGET 3325 AGRN 3100 AGHT 3470 AGBE 3400 BIOL 2110 BIOL 3330 AGRN 2300, 2310	Connectionsin Agriculture and Human Ecology Plant Science Lab Principles of Accounting I Principles of Accounting II or 3110, 3115 Small Power Equipment Small Power Equipment Lab Turfgrass Management Landscape Plant Materials Agricultural Finance General Botany Entomology Soil Chemical Properties	1 1 3 3 3 3 1 3 3 3 4 3 4	Senior Year AGHT 3030 AGRN 4100 AGRN 4210 AGBE 4030 AGR 4930 Directed Business Upper Division Ag	riculture Electives <sup>1</sup>	3 3 3 3 2 6 6
,	·			Total	26
	Total	35			

<sup>&</sup>lt;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**

Freshman Year		F	SP	Sophomore Year		F	SP
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	) Macrocconomics,		
HIST 1110, 1120	Survey of World				Microeconomics	3	3
	Civilizations I, II	3	3	ENGL 2310 or 232	20		
MATH 1130	College Algebra	3	0		Survey of World Lit I or II	0	3
Natural Science		4	4	HIST 2010, 2020	Survey of American		
Foreign Language	1010, 1020	3	3		History I, II	3	3
				SPCH 1010 or 103	30	3	0
				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

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

¹Students may choose from the following: ENGL 4720; FLST 2520; 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 1012, 1130, 2010, 3200; HIST 4440-4499, 4550, 4560, 4570, 4620, 4630, 4640, 4710, 4730, 4740, 4750, 4790-4799; POLS 4510, 4960; SOC 2100, 4090; or SPCH 3620.

#### **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 an AS or AAS Degree from a community college. Students fitting this category receive full admission to the Teacher Education Program upon meeting the requirements listed at the link below in the Undergraduate Requirements Section:

https://www.tntech.edu/education/teachered/admission-to-tep/

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 (TTU student ID number).

Upon admission to the Teacher Education Program, students will begin to prepare and submit requirements for the Field and Clinical Practice (Residency or Student Teaching experience). More detailed information on Field and Clinical Practice requirements and deadlines can be found at the link below:

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 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 in the AST Degree Requirements section:

https://www.tntech.edu/education/teachered/admission-to-tep/

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 (TTU student ID number).

Upon admission to the Teacher Education Program, students will begin to prepare and submit requirements for the Field and Clinical Practice (Residency or Student Teaching experience). More detailed information on Field and Clinical Practice requirements and deadlines can be found at the link below:

https://www.tntech.edu/education/teachered/field-and-clinical-practice/

All forms and detailed information regarding progression through the Teacher Education Program at Tennessee Tech University can be found at: https://www.tntech.edu/education/teachered/

Teacher Education candidates may be required to meet revisions in various curricula necessitated by changing standards of the Council for Accreditation of Educator Preparation (CAEP) or by requirements of the Tennessee State Board of Education and teacher licensure.

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

#### **COLUMBIA STATE COMMUNITY COLLEGE**

Freshman Year		F	SP	Sophomore Year		F	SP
EDU 201	Introduction to Education	3	0	EDU 221	Educational Psychology	3	0
ENGL 1010, 1020	Composition I, II	3	3	ENGL 2310 or 232	20		
MATH (Approved	General Education)	3	0		Survey of World Lit I or II	0	3
Science Sequence	e	4	4	THEA 1020	Acting	3	0
Foreign Languag	e 2010, 2020	3	3	HIST 2010, 2020	Survey of American		
ART or MUS 103	0	0	3		History I, II	3	3
THEA 1030	Intro to Theatre and			SPCH 1010	Fundamentals of Speech		
	Performance	0	3		Communication	3	0
				Social/Behavioral	Science Electives	3	3
				THEA 1430	Acting II	0	3
				THEA 2430	Musical Drama and		
					Speech	0	3
	Total	16	16		Total	15	15

## 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

Junior Year CUED 4120 or SI ENGL 3910 or 39	*	3	Senior Year SEED 4871 SEED 4872	Residency I Professional Seminar I	5 5
ENGL 3910 01 39	Shakespeare	3	SEED 4872 SEED 4881	Residency II	10
FOED 3010	Integrating Instructional Technolo into the Classroom	-	SEED 4882 SPED 3000	Professional Seminar II	2
FOED 3820 READ 3350	Field Experiences in Education Teaching Reading in the Content	2	3F LD 3000	Teaching Pesons with Disabilities in the Regular Classroom	3
112/12/0000	Areas	3			
COMM 3130	Speech Activities	3			
COMM 3630	Discussion & Parliamentary				
	Procedure	3			
COMM 4430	Advanced Interpersonal				
	Communication	3			
THEA 20250	Stagecraft II	3			
THEA 4300	Play Directing	3			
THEA 4500	Creative Dramatics	3			
	Total	35			

#### **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, 2310 or 2320	0	3
ENGL 1010, 1020 Composition I, II	3	3	MATH 2110 Calculus &		
MATH 1910, 1920 Calculus &			Analytical Geometry III	4	0
Analytical Geometry I, II	4	4	MATH 2120 Differential Equations	0	3
Humanities/Fine Arts Electives		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		CHE 4131	Transfer Science III: Diffusion and	t
	Process Analysis and Scaling I	3		Diffusive-Convective Mass Transf	fer4
CHE 2020	Intro to Chemical & Biological		CHE 4210	Chemical Reaction Engineering	4
	Process Analysis and Scaling II	3	CHE 4240	Chemical Engineering Capstone	
CHE 3010	Thermodynamics of Chemical			Project	1
	Processes	3	CHE 4410, 4420	Process Design I, II	6
CHE 3021	Separations and Solution		CHE 4540	Process Dynamics & Control	3
	Thermodynamics	4	ChE Technical Ele	ective <sup>4</sup>	6
CHE 3111	Transfer Science I: Conduction,		CHE 4910	Professionalism and Ethics in CH	E 1
	Radiation, and Diffusion	4	CHEM 3510, 3520	Physical Chemistry	8
CHE 3121	Transfer Science II: Fluid				
	Mechanics	4			
CHE 3730	Chemical Engineering Operation	s 3			
Technical Elective	<b>,</b> 3	3			
CEE 2110, ECE 3	8810 or BIOL 3200	3			
	Total	30		Total	33

<sup>&</sup>lt;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.

- 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

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

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

#### DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

#### **COMPUTER ENGINEERING**

#### **COLUMBIA STATE COMMUNITY COLLEGE**

Freshman Year		F	SP	Sophomore Ye	ear	F	SP
ENGL 1010, 1020Composition I, II		3	3	ENGL 2130, 22	30, 2310 or 2320	0	3
MATH 1910, 1920Calculus and				SPCH 1010 or	1030	3	0
	Analytical Geometry I, II	4	4	PHYS 2110, 21	20Physics I, II	4	4
CHEM 1110	General Chemistry I	4	0	MATH 2010	Linear Algebra	3	0
Humanities/Fine Arts Elective		0	3	MATH 2120	Differential Equations	0	3
Social/Behavioral Science Electives		3	3	Humanities/Fine HIST 2010, 202		3	0
					Survey of American History	ory I, II3	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.)

		Fourth Year		
Intro to Problem Solving and		ECE 3010	Signals & Systems	3
Computer Programming	4	ECE 3020	Discrete-time Signals and Systems	3
Data Structures and Algorithms	4	ECE 3130	Microcomputer Systems	4
Computer Aided Engineering in ECE	1	ECE 3160	Digital Systems Laboratory	1
Electric Circuits I, Lab	4	ECE 3300	Electronics I	3
Electric Circuits II	3	ECE 3920	Professional Issues in ECE	1
Intro to Digital Systems	3	CSC 2400	Design of Algorithms	3
EE Lab II	1	CSC 2500	Unix Laboratory	1
Calculus III	4	CSC 4200	Computer Networks	3
Introductory Probability and			Total	22
Statistics	3			
Total	27			
0 1 5 1 1	_			
•				
• •	-			
•	3			
Operating Systems				
Total	31			
	Computer Programming Data Structures and Algorithms Computer Aided Engineering in ECE Electric Circuits I, Lab Electric Circuits II Intro to Digital Systems EE Lab II Calculus III Introductory Probability and Statistics Total  Capstone Design I, II Digital System Design Fundamentals of Computer Design Embedded System Design Laboratory Elective² Elective² eering Elective² Operating Systems	Computer Programming 4 Data Structures and Algorithms 4 Computer Aided Engineering in ECE 1 Electric Circuits I, Lab 4 Electric Circuits II 3 Intro to Digital Systems 3 EE Lab II 1 Calculus III 4 Introductory Probability and Statistics 3 Total 27  Capstone Design I, II 6 Digital System Design 3 Fundamentals of Computer Design 6 Embedded System Design 3 Laboratory Elective 2 Elective 2 eering Elective 2 Operating Systems 3 3	Intro to Problem Solving and Computer Programming Data Structures and Algorithms Computer Aided Engineering in ECE Electric Circuits I, Lab Electric Circuits II ECE 3300 Electric Circuits II ECE 3300 Electric Circuits II ECE 3300 Electric Circuits II ECE 3920 Intro to Digital Systems ELab II CSC 2500 Calculus III CSC 2500 Calculus III ECSC 4200 Introductory Probability and Statistics Total  Capstone Design I, II Digital System Design Fundamentals of Computer Design Embedded System Design Embedded System Design Laboratory Elective² Elective² Sering Elective² Soperating Systems Solving 301 ECE 3020 ECE 3130 ECE 3300 ECE 3300 ECE 3920 Intro to Digital Systems Solving Systems Solving Systems Solving Systems ECE 3010 ECE 3020 ECE 3160 ECE 3160 ECE 3160 ECE 3160 ECE 3120 E	Intro to Problem Solving and Computer Programming 4 ECE 3010 Discrete-time Signals and Systems Data Structures and Algorithms 4 ECE 3130 Microcomputer Systems Computer Aided Engineering in ECE 1 ECE 3160 Digital Systems Laboratory Electric Circuits I, Lab 4 ECE 3300 Electronics I  Electric Circuits II 3 ECE 3920 Professional Issues in ECE Intro to Digital Systems 3 CSC 2400 Design of Algorithms EE Lab II 1 CSC 2500 Unix Laboratory Calculus III 4 CSC 4200 Computer Networks Introductory Probability and Statistics 3 Total 27  Capstone Design I, II 6 Digital System Design 3 Fundamentals of Computer Design 6 Embedded System Design 3 Laboratory Elective² 2 Elective² 3 Goperating Systems 3 Operating Systems 3 Goperating Systems 3 Governmentals Governmentals Goperating Systems 3 Governmentals Governmentals Governmentals Goperating Systems 3 Governmentals Gove

<sup>&</sup>lt;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>&</sup>lt;sup>2</sup>Select from the ECE Department approved list.

## WHITSON-HESTER SCHOOL OF NURSING NURSING

(Associate of Applied Science Degree)

#### **COLUMBIA STATE COMMUNITY COLLEGE**

Freshman Year			Sophomore Ye	ar	
BIOL 2010, 202	0Anatomy & Physiology I, II	8	ENGL 1010	Composition I	3
BIOL 2230	Microbiology	4	NUR 2116	Intermediate Med-Surg Nursing	4
NUR 1115	Nursing Foundations Practice	5	NUR 2117	Psychiatric/Mental Health Nursing	2
NUR 1118	Nursing I Clinical and Skills Lab	2	NUR 2118	Nursing III Clinical	3
NUR 1126	Basic Medical-Surgical Nursing	3	NUR 2188	Applying Surgical Concepts	1
NUR 1127	Health of Women and Infants	2	NUR 2189	Applying Psychiatric Concepts	1
NUR 1128	Nursing II Clinical	2	NUR 2125	Advanced Med-Surg Nursing	6
NUR 121	Math Applications for Nursing	1	NUR 2128	Nursing IV Clinical	3
NUR 122	Pharmacology	2	NUR 2198	Applying Pediatric Concepts	1
PSYC 1030	Introduction to Psychology	3	NUR 2199	Applying Medical Concepts	1
PSYC 2130	Lifespan Psychology	3	SPCH 1010 or 1	1030	3
COLS 101	Columbia State College Success	1	Humanities/Fine Arts Elective <sup>2</sup>		3
	Total	36		Total	31
Transition					
ENGL 1020	Composition II		3		
ENGL 2130, 2235 or 2330			3		
HIST 2010, 202	0Early US History, Modern US Histo	ry	6		
Humanities/Fine	e Arts Elective <sup>2</sup>	•	3		
MATH 1130 or 1	1530		3		
SOC 1010	Introduction to Sociology		3		
Electives <sup>1</sup>			3		
	Total	2	24		

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

Advisor: Ben Clark

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

<b>Junior Year</b>			Senior Year		
*Tennessee Career Mobility Plan Exams			NURS 4000, 4001, 4100, 4101		10
NURS 3465	Bridging to Prof Nursing Practice	4	NURS 3430	Survey of Pharmacological Aspects	i
NURS 3260, 3	3261 or 3281			of Nursing	3
	Health Assessment & Promotion	3	NURS 4300	Reseach in Health Care	3
NURS 3250,	3270, 3271, 3280, 3350, 3361, 3370,		NURS 4350	Health Care of Communities	4
	3371	22	NURS 4351	Health Care of Communities: Lab	3
NURS 3380	Pathophysiological Processes for		NURS 4450	Leadership & Management	3
	the Professional Nurse	3	NURS 4451	Leadership & Management: Lab	4
	Total	32		Total	30

<sup>&</sup>lt;sup>1</sup> Any 1 three-hour course not otherwise required.

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 under "How to Apply".

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

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

<sup>\*\*</sup>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

#### 2017-2018

#### **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.

### 9/18/17

College of Agriculture and Human Ecology	
School of Agriculture	
Nursery and Landscape Management	1
Turfgrass Management	2
College of Business	
International Business and Cultures	
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	
Nursing (Associate of Applied Science Degree)	8
Army ROTC	9
•	

## INDEX (Alphabetized by Major)

A.A.S. Nursing	8
Chemical Engineering	6
Computer Engineering	7
nternational Business and Cultures	
Nursery and Landscape Management	
Army ROTC	
Secondary Education: Speech Communication and Theatre (Speech 7-12 and Theatre K-12 Licensure)	
Furfgrass Management	2