

TRANSFER AGREEMENT

2013-14

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 Agricultural and Human Ecology	1
College of Business	3
College of Education	10
College of Engineering	12
School of Nursing	15
Army ROTC	17
Index	18

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.
5. All non-commuting single freshmen and sophomores must live in university housing.
 6. The applicant will be notified of the admission 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. Upon acceptance the student will be sent a Letter of Admission.

If you would like to visit Tennessee Technological University at any time, please contact the Admissions Office between 8:00 - 4:30 Monday through Friday. For additional information, please contact the Office of Admissions at 931-372-3888 or toll-free 1-800-255-8881.

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.

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. Complete the Undergraduate Application form. Submit the form and a nonrefundable \$25 application fee to the Office of Admissions, Tennessee Technological University, P. O. Box 5006, Cookeville, Tennessee 38505. The application deadline date for receipt of the admission application, test scores (ACT/SAT) and appropriate transcripts is August 1 for fall entry, December 1 for spring entry and May 1 for summer entry.
2. Request each institution previously attended to send official transcripts of all work completed and a partial transcript if presently enrolled in another institution. Request the sending of a final transcript when all work is completed. Transcripts of all work attempted at the college level must be furnished.
3. The official grade point average will be computed on hours and grades earned at all previous colleges or universities. Credit is transferred with the grade made in the course. For example, an "A" is transferred as an "A" and an "F" is transferred as an "F."
4. Students who have not completed college credit math or English courses must follow COMPASS

Undergraduate Colleges and Departments

College of Agricultural 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 & 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

School of Nursing

Questions? Then 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		
Agricultural and Human Ecology	Dean's Office, Foundation Hall	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	TJ Farr Building 103	372-6336
Engineering	Dean's Office, Clement Hall 201	372-3172
Interdisciplinary Studies	Dean's Office Henderson Hall Room 3	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
Teacher Certification	College of Education, Bartoo Hall 301	372-3170
Veteran Certification	Registrar, Derryberry Hall 102	372-3317

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, or 2330		0	3
AGRI 1030	Intro to Plant Science	0	4	AGRI 1010	Intro to Agricultural Business	3	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
					MATH 1130, 1530, 1630, 1830, or 1910	0	3-4
Total		14 14-15		Total		15 15-16	

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Billye Foster, Director; School of Agriculture - Foundation Hall, Phone: (931) 372-3019

Junior Year			Senior Year				
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 3210, 3220	Soils, Soils Lab	4		
AGHT 3400	Landscape Horticulture	3	AGRN 4210	Soil Fertility & Fertilizers	3		
AGHT 3410	Plant Propagation	3	AGET 4610	Greenhouse Structures & Landscap- ing	3		
AGHT 3450 or 3470		3		Equipment	3		
ACCT 2110	Principles of Financial Accounting	3		Upper Division Directed Business Electives ²	6		
ACCT 2120	Principles of Managerial Accounting	3		Upper Division Agriculture Electives ¹	6		
AGBE 3110	Agricultural Marketing & Futures	3					
AGBE 3400	Agricultural Finance	3					
Total		31		Total		30	

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

²Choose 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.

8/27/13

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 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		
BIOL 1120	General Biology II	0	4	Humanities/Fine Arts Electives		3	3		
				MATH 1130, 1530, 1630, 1830, or 1910		0	3-4		
Total			14-15	15	Total			15	15-16

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Billye Foster, Director; School of Agriculture - Foundation Hall, Phone: (931) 372-3019

Junior Year			Senior Year
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 Financial Accounting	3	AGRN 4210 Soil Fertility & Fertilizers 3
ACCT 2120	Principles of Managerial Accounting	3	AGBE 4030 Agribusiness Management 3
AGET 2110, 2115 or 3110, 3115		3	AGR 4930 Senior Seminar 2
CSC 1100 or DS 2810		3	Directed Business Electives ² 6
AGET 3320	Small Power Equipment	3	Upper Division Agriculture Electives ¹ 6
AGET 3325	Small Power Equipment Lab	1	Electives 2
AGRN 3100	Turfgrass Management	3	
AGHT 3470	Landscape Plant Materials	3	
AGBE 3400	Agricultural Finance	3	
BIOL 3330	Entomology	3	
AGRN 3210, 3220	Soils, Lab	4	
Total			Total 28

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

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

**DEPARTMENT OF DECISION SCIENCES AND MANAGEMENT
GENERAL MANAGEMENT
(Business Management Option BUMA)**

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
MATH 1710, 1830	Precalculus Algebra, Applied Calculus	3		ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
Natural Science		4	4	ENGL 2130, 2230 or 2330		0	3
INFS 1010	Computer Applications	3	0	HIST 2010, 2020	Survey of American History I, II	3	3
Humanities/Fine Arts Elective		3	0	SPCH 1010 or 1030		0	3
Non-Business Elective ¹		0	4	Humanities/Fine Arts Elective		3	0
				Non-Business Elective ¹		3	0
	Total	16	14	Total		15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Curtis Armstrong, Department Chairperson - Johnson Hall 306, Phone (931) 372-3160

Junior Year			Senior Year		
BMGT 3510	Mgmt. & Organization Behavior		BMGT 3720	Business Communication I	3
BMGT 3600	International Management	3	BMGT 4520	Organizational Leadership	3
BMGT 3630	Human Resource Management	3	BMGT 4930	Business Strategy	3
DS 3620	Management Science	3	DS 3520	Operations Management	3
DS 3841	Management Information Systems	3	ECON 3320, 3810 or 3820		3
ECON 3610	Business Statistics I	3	LAW 3810	Business Legal Environment & Ethics	3
FIN 3210	Principles of Managerial Finance	3	BMGT Electives ²		6
MKT 3400	Principles of Marketing	3	Non-Business Electives ²		6
Business Electives ²		3			
DS Elective		3			
	Total	30	Total		30

¹Elective courses must be selected from the Columbia State/TTU Transfer Equivalency table
www.tntech.edu/transfers/transfertablesagreements/

²All business programs require 60 hours in business and 60 hours in non-business (includes ECON 2010, 2020 and ECON 3320) courses. Elective courses must be selected in consultation with the advisor.

8/27/13

DEPARTMENT OF DECISION SCIENCES AND MANAGEMENT

**HUMAN RESOURCE MANAGEMENT
(Business Management Option BUHR)**

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
MATH 1710, 1830	Precalculus Algebra, Applied Calculus	3	3	ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
Natural Science		4	4	ENGL 2130, 2230 or 2330		0	3
INFS 1010	Computer Applications	3	0	HIST 2010, 2020	Survey of American History I, II	3	3
Humanities/Fine Arts Elective		3	0	SPCH 1010 or 1030		0	3
Non-Business Elective ¹		0	4	Humanities/Fine Arts Elective		3	0
				Non-Business Elective ¹		3	0
	Total	16	14		Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Curtis Armstrong, Department Chairperson - Johnson Hall 306, Phone: (931) 372-3160

Junior Year			Senior Year		
BMGT 3510	Mgmt. & Organization Behavior	3	BMGT 4100	Staffing	3
BMGT 3630	Human Resource Management	3	BMGT 4120	Compensation Administration	3
DS 3620	Management Science	3	BMGT 4150	Employment and Labor Law	3
DS 3841	Management Information Systems	3	BMGT 4610	Training and Development	3
ECON 3610	Business Statistics I	3	BMGT 4930	Business Strategy	3
FIN 3210	Principles of Managerial Finance	3	DS 3520	Operations Management	3
LAW 3810	Business Legal Environment & Ethics	3	ECON 3320, 3810 or 3820		3
MKT 3400	Principles of Marketing	3	Business Elective ²		3
BMGT Electives		6	Non-Business Electives ²		6
	Total	30		Total	30

¹Elective courses must be selected from the Columbia State/TTU Transfer Equivalency table www.tntech.edu/transfers/transfertablesagreements

²All business programs require 60 hours in business and 60 hours in non-business (includes ECON 2010, 2020, and ECON 3320) courses. Elective courses must be selected in consultation with the advisor. Non-business electives should be chosen from non-business subject areas and must be transferable to TTU in order to count

DEPARTMENT OF DECISION SCIENCES AND MANAGEMENT

PRODUCTION/OPERATIONS MANAGEMENT (Business Management Option BUPR)

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
MATH 1710, 1830	Precalculus Algebra, Applied Calculus	3	3	ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
Natural Science		4	4	ENGL 2130, 2230, or 2330		3	0
INFS 1010	Computer Applications	3	0	HIST 2010, 2020	Survey of American History I, II	3	3
Humanities/Fine Arts Elective		3	0	SPCH 1010 or 1030		0	3
Non-Business Elective ¹		0	4	Humanities/Fine Arts Elective		0	3
				Non-Business Elective ¹		3	0
Total		16	14	Total		15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Curtis Armstrong, Department Chairperson - Johnson Hall 306, Phone: (931) 372-3160

Junior Year				Senior Year			
ACCT 3210	Cost Accounting	3		BMGT 4410	Conflict Management & Negotiation	3	
BMGT 3510	Mgmt. & Organization Behavior	3		BMGT 4930	Business Strategy	3	
BMGT 3630	Human Resource Management	3		ECON 3320, 3810 or 3820		3	
DS 3520	Operations Management	3		LAW 3810	Business Legal Environment & Ethics	3	
DS 3540	Quality & Productivity Systems	3		Business Electives ²		6	
DS 3620	Management Science	3		DS or BMGT Electives ²		6	
DS 3841	Management Information Systems	3		ISE/MIT Electives ² _		6	
ECON 3610	Business Statistics I	3					
FIN 3210	Principles of Managerial Finance	3					
MKT 3400	Principles of Marketing	3					
Total			30	Total			30

¹Elective courses must be selected from the Columbia State/TTU Transfer Equivalency table
www.tntech.edu/transfers/transfertablesagreements

²All business programs require 60 hours in business and 60 hours in non-business (including ECON 2010, 2020, and ECON 3320) courses. Elective courses must be selected in consultation with the advisor. Non-business electives should be chosen from non-business subject areas and must be transferable to TTU in order to count toward degree completion.

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

8/27/13

DEPARTMENT OF DECISION SCIENCES AND MANAGEMENT

**MANAGEMENT INFORMATION SYSTEMS
(Business Management Option BUIN)**

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
MATH 1710, 1830 Precalculus Algebra, Applied Calculus	3	3	ECON 2010, 2020 Macroeconomics, Microeconomics	3	3
Natural Science	4	4	ENGL 2130, 2230 or 2330	3	0
INFS 1010 Computer Applications	3	0	HIST 2010, 2020 Survey of American History I, II	3	3
Humanities/Fine Arts Elective	3	0	COMM 2100 or SPCH 1010	0	3
Non-Business Elective ¹	0	4	Humanities/Fine Arts Elective	0	3
			Non-Business Elective ¹	3	0
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Curtis Armstrong, Department Chairperson - Johnson Hall 306, Phone: (931) 372-3160

Junior Year		Senior Year	
BMGT 3510 Mgmt. & Organization Behavior	3	BMGT 4930 Business Strategy	3
DS 3620 Management Science	3	DS 3520 Operations Management	3
DS 3841 Management Information Systems	3	DS 3870 Business Applications Development II	3
DS 3850 Business Applications Development	3	DS 4250 Business Data Communications	3
DS 3860 Business Database Management	3	DS 4330 Management Systems Analysis and Design	3
ECON 3610 Business Statistics I	3	DS 4550 Information Systems Development Practicum	3
FIN 3210 Principles of Managerial Finance	3	ECON 3320, 3810 or 3820	3
MKT 3400 Principles of Marketing	3	LAW 3810 Business Legal Environment & Ethics	3
DS Elective	3	Business Elective ²	3
Non-Business Elective ²	3	Non-Business Elective ²	3
Total	30	Total	30

¹Elective courses must be selected from the Columbia State/TTU Transfer Equivalency table www.tntech.edu/transfers/transfertablesagreements.

²All business programs require 60 hours in business and 60 hours in non-business (includes ECON 2010, 2020, and ECON 3320) courses. Elective courses must be selected in consultation with the advisor. Non-business electives should be chosen from non-business subject areas and must be transferable to TTU in order to count toward degree completion.

DEPARTMENT OF ECONOMICS, FINANCE, AND MARKETING

FINANCE

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
MATH 1710, 1830	Precalculus Algebra, Applied Calculus	3	3	ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
Natural Science		4	4	ENGL 2130, 2230 or 2330		0	3
INFS 1010	Computer Applications	3	0	HIST 2010, 2020	Survey of American History I, II	3	3
Humanities/Fine Arts Elective		3	0	SPCH 1010 or 1030		0	3
Non-Business Elective ¹		0	4	Humanities/Fine Arts Elective		3	0
				Non-Business Elective ¹		3	0
	Total	16	14	Total		15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Junior Year			Senior Year		
BMGT 3510	Mgmt. & Organization Behavior		BMGT 4930	Business Strategy	3
DS 3520	Operations Management	3	FIN 4230	Advanced Financial Decision Analysis	3
DS 3620	Management Science	3	ECON 4510	International Trade & Finance <u>or</u>	
DS 3841	Mgmt. Information Systems	3	FIN 4910	Multinational Financial Mgmt.	3
ECON 3320, 3810 or 3820		3	MKT 3400	Principles of Marketing	3
ECON 3610	Business Statistics I	3	Business Electives ²		3
FIN 3210	Principles of Managerial Finance	3	Finance Electives ²		9
FIN 3220	Intermediate Financial Management	3	Non-Business Electives ²		6
FIN 3830	Fundamentals of Investment	3			
LAW 3810	Business Legal Environment & Ethics	3			
	Total	30	Total		30

¹Elective courses must be selected from the Columbia State/TTU Transfer Equivalency table www.tntech.edu/transfers/transfertablesagreements.

²All business programs require 60 hours in business and 60 hours in non-business (includes ECON 2010, 2020, and ECON 3320) courses. Elective courses must be selected in consultation with the advisor. Non-business electives should be chosen from non-business subject areas and must be transferable to TTU in order to count toward degree completion.

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

8/27/13

DEPARTMENT OF ECONOMICS, FINANCE, AND MARKETING

MARKETING

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
MATH 1710, 1830 Precalculus Algebra, Applied Calculus	3	3	ECON 2010, 2020 Macroeconomics, Microeconomics	3	3
Natural Science	4	4	ENGL 2130, 2230 or 2330	3	0
INFS 1010 Computer Applications	3	0	HIST 2010, 2020 Survey of American History I, II	3	3
Humanities/Fine Arts Elective	3	0	SPCH 1010 or 1030	0	3
Non-Business Elective ¹	0	4	Humanities/Fine Arts Elective	0	3
			Non-Business Elective ¹	3	0
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Junior Year		Senior Year	
BMGT 3510	Mgmt. & Organization Behavior	3	BMGT 4930 Business Strategy 3
DS 3520	Operations Management	3	MKT 4620 Marketing Research 3
DS 3620	Management Science	3	MKT 4730 Marketing Strategy 3
DS 3841	Management Information Systems	3	Marketing Electives ² 12
ECON 3320, 3810 or 3820		3	LAW 3810 Business Legal Environment & Ethics 3
ECON 3610	Business Statistics I	3	Business Electives ² 3
FIN 3210	Principles of Managerial Finance	3	Non-Business Electives ² 3
MKT 3400	Principles of Marketing	3	
Marketing Electives ²		3	
Non-Business Electives ²		3	
Total		30	Total 30

¹Elective courses must be selected from the Columbia State/TTU Transfer Equivalency table www.tntech.edu/transfers/transfertablesagreements.

²All business programs require 60 hours in business and 60 hours in non-business (includes ECON 2010, 2020, and ECON 3320) courses. Elective courses must be selected in consultation with the advisor. Non-business electives should be chosen from non-business subject areas and must be transferable to TTU in order to count toward degree completion.

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

INTERNATIONAL BUSINESS AND CULTURES**COLUMBIA STATE COMMUNITY COLLEGE**

		Freshman Year		Sophomore Year		F	SP
		F	SP			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	Macroeconomics, Microeconomics	3	3
HIST 1110, 1120	Survey of World Civilizations I, II	3	3	ENGL 2330	Survey of World Literature	0	3
MATH 1710	Precalculus I	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

Junior Year		Senior Year	
UBUS 1020	Success Skills for Business Studies	1	3
BMGT 3510	Management & Org. Behavior	3	3
BMGT 3600	International Management	3	3
ECON 3320, 3810 or 3820		3	3
ECON 3610	Business Statistics I	3	3
FIN 3210	Principles of Managerial Finance	3	3-6
MKT 3400	Principles of Marketing	3	3
Foreign Language 3010, 3020		6	3
Foreign Language 3200		3	
Foreign Language Upper Division Elective		3	
World Studies Elective ³		3	
	Total	34	27-30

¹Elective courses are to be selected in consultation with the academic advisor. Non-business electives should be chosen from non-business subject areas and must be transferable to TTU in order to count toward degree completion.

³Students may choose from the following: ENGL 4680, 4720; FREN 3510; GERM 3510 or 3520; JAPN 3510; RUSS 3510; SPAN 3510 or 3550; GEOG 1110, 1120, 1130, 3200; HIST 3710, 4440-4499, 4550, 4560, 4570, 4620, 4710,

COLLEGE OF EDUCATION

ADMISSION TO TEACHER EDUCATION

The undergraduate admission process applies to students pursuing a bachelor's degree and transfer students that received the AS or AAS Degrees from a community college. Students fitting this category receive full admission to the Teacher Education Program upon meeting the following requirements:

1. Completion of a minimum of 30 credit hours (excluding ADP courses)
2. Attainment of a minimum overall GPA of 2.50 (excluding ADP credit)
3. Completion of ENGL 1010 and ENGL 1020 or equivalent with a grade of "C" or higher
4. Completion of FOED 1820 or FOED 1822 or equivalent with a grade of "B" or higher and FOED 2011 or equivalent with a grade of "B" or higher
5. Submission of an application for admission to the Teacher Education Program upon completion of 30 credit hours
6. Submission of the Interview Request form and satisfactory completion of interview process
7. Submission of the Background Check Authorization form and completion of the TTU background check and fingerprinting process
8. Submission of the Disposition Request form. Three satisfactory disposition assessments must be submitted by the student's: (1) advisor, (2) professional education instructor, and (3) a college instructor in the student's major teaching field
9. Submission of passing test scores on the Praxis Core Academic Skills for Educators test (Reading- 156, Writing- 165, and Math- 150). Individuals having achieved an ACT composite score of 22 or a score of 1020 on the SAT are exempt from the Praxis Core requirement. If seeking an exemption for the Praxis Core Academic Skills for Educators testing requirement, the student must provide official copies of ACT or SAT scores. Passing Pre-Professional Skills Test (PPST) results will be accepted in lieu of the Praxis Core exam throughout a grace period during the transition to the new Praxis Core exam. The grace period will end on July 14, 2014. PPST tests that are taken before July 15, 2014 will be accepted for up to five years following the date the test was taken.

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 <http://www.tntech.edu/teachered/undergraduate-requirements-for-admission-to-the-teacher-education-program/>. Forms cannot be submitted online without a Tennessee Technological University student identification number (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 <http://www.tntech.edu/teachered/field-and-clinical-practice/>.

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.

OFFICE OF TEACHER EDUCATION

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 following requirements:

1. Submission of an application for admission to the Teacher Education Program upon completion of 30 credit hours
2. Submission of the Interview Request form and satisfactory completion of interview process
3. Submission of the Background Check Authorization form and completion of the TTU background check and fingerprinting process
4. Submission of official copies of passing test score on the Praxis Core Academic Skills for Educators test (Reading- 156, Writing- 165, and Math- 150). Individuals having achieved an ACT composite score of 22 or a score of 1020 on the SAT are exempt from the Praxis Core requirement. If seeking an exemption for the Praxis Core Academic Skills for Educators testing requirement, the student must provide official copies of ACT or SAT scores. Passing Pre-Professional Skills Test (PPST) results will be accepted in lieu of the Praxis Core exam throughout a grace period during the transition to the new Praxis Core exam. The grace period will end on July 14, 2014. PPST tests that are taken before July 15, 2014 will be accepted for up to five years following the date the test was taken. COPIES OF PASSING TEST SCORES MUST BE SENT TO BOTH TTU AND THE STUDENT'S COMMUNITY COLLEGE.

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 <http://www.tntech.edu/teachered/ast-degree-requirements-for-admission-to-the-teacher-education-program/>. Forms cannot be submitted online without a Tennessee Technological University student identification number (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 <http://www.tntech.edu/teachered/field-and-clinical-practicefield-and-clinical-practice/>.

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.

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

8/27/13

**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 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
			Elective ¹	1	0
Total	16	16	Total	16	12

**TENNESSEE TECHNOLOGICAL UNIVERSITY
SECONDARY EDUCATION SPEECH COMMUNICATION AND THEATRE
(Speech 7-12 & Theatre K-12 Licensure) - BACHELOR OF SCIENCE DEGREE
Advisor: Dr. Jeremy Wendt, Department Chairperson - Bartoo Hall 311, Phone: (931) 372-3181**

Junior Year		Senior Year	
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	Total	25
SPCH 3630 Discussion & Parliamentary Procedure	3		
SPCH 4430 Interpersonal Communication	3		
THEA 2150 Oral Interpretation of Literature	3		
THEA 3300 Stagecraft	3		
THEA 4300 Play Directing	3		
THEA 4500 Creative Dramatics	3		
Total	35		

¹Elective courses must be selected from the Columbia State/TTU Transfer Equivalency table www.tntech.edu/transfers/transfertablesagreements.

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
Analytical Geometry I, II	4	4	MATH 2120 Differential Equations	0	3
Humanities/Fine Arts Electives	3	3	PHYS 2110, 2120 Physics I, II	4	4
			SPCH 1010 or 1030	3	0
			Social/Behavioral Science Electives	3	3
			HIST 2010, 2020 ¹ 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 Year²		Senior Year	
ENGR 1210 Intro to Engineering	1	CHE 4131 Transfer Science III: Diffusion and Diffusive-Convective Mass Transfer ⁴	
CHE 2011 Chemical & Biological Engineering Process Analysis	4	CHE 4210 Chemical Reaction Engineering	4
CHE 1510 Computer Applications in CHE	1	CHE 4240 Chemical Engineering Capstone Lab	1
CHE 3010 Thermodynamics of Chemical Processes	3	CHE 4410, 4420 Process Design I, II	6
CHE 3021 Separations and Solution Thermodynamics	4	CHE 4540 Process Dynamics & Control	3
CHE 3111 Transfer Science I: Conduction, Radiation, and Diffusion	4	ChE Technical Elective ⁴	6
CHE 3121 Transfer Science II: Fluid Mechanics	4	CHE 4910 Professionalism and Ethics in CHE	1
CHE 3730 Chemical Engineering Operations	3	CHEM 3510, 3520 Physical Chemistry	8
Technical Elective ³	3		
CEE 2110, ECE 3810 or BIOL 3200	3		
Total	30	Total	33

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

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

³Three 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.

⁴Three 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 4950 -- MEMS
- d. ChE 4990 -- Undergraduate Research

8/27/13

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

COMPUTER ENGINEERING

COLUMBIA STATE COMMUNITY COLLEGE

Freshman Year	F	SP	Sophomore Year	F	SP
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 2120 Differential Equations	0	3
Social/Behavioral Science Electives	3	3	MATH 2110 Calculus and Analytical Geometry III	4	0
			Humanities/Fine Arts Elective	3	0
			HIST 2010, 2020 ¹		
			Survey of American History I, II,3		3
Total	14	13	Total	17	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.)

Third Year		Fourth Year	
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 1020 Connections to ECE	1	ECE 3120 Microcomputer Systems	3
ECE 2001 Computer Aided Engineering in ECE	1	ECE 3160 Digital Systems Laboratory	1
ECE 2010, 2011 Electric Circuits I, Lab	4	ECE 3300 Electronics I	3
ECE 2020 Electric Circuits II	3	ECE 4910 Professional Issues in ECE	1
ECE 2110 Intro to Digital Systems	3	CSC 2400 Design of Algorithms	3
ECE 3060 EE Lab II	1	CSC 2500 Unix Laboratory	1
MATH 2010 Elementary Matrix Algebra	3	CSC 3030 Practical and Professional Issues in CSC	1
MATH 3470 Introductory Probability and Statistics	3	CSC 4200 Computer Networks	3
Total	27	Total	22

Fifth Year	
ECE 4961, 4971 Capstone Design I, II	6
ECE 4110 Sequential Logic Design	3
ECE 4120 Fundamentals of Computer Design	6
ECE 4140 Embedded System Design	3
EE Laboratory Elective ²	1
EE Elective ²	3
Computer Engineering Elective ²	3
CSC 4100 Operating Systems	3
CS Elective ²	3
Total	30

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

²Select 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.

NURSING
(Associate of Applied Science Degree)

8/27/13

COLUMBIA STATE COMMUNITY COLLEGE

Freshman Year		Sophomore Year			
BIOL 2010, 2020	Anatomy & Physiology I, II	8	ENGL 1010	English 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 1030		3
			Humanities/Fine Arts Elective ²		3
	Total	35	Total		31

Transition

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

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Ben Clark

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

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

¹Elective courses must be selected from the Columbia State/TTU Transfer Equivalency table www.tntech.edu/transfers/transfertablesagreements. Any 1 three-hour course not otherwise required.

²Courses 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, 3370, 3371, 4000, 4001, 4100, 4101 (33 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

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

8/27/13

2013-2014

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 IV's 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.

College of Agricultural and Human Ecology	
School of Agriculture	
Nursery and Landscape Management.....	1
Turfgrass Management.....	2
College of Business	
General Management.....	3
Human Resource Management.....	4
Production/Operations Management.....	5
Management Information Systems.....	6
Finance.....	7
Marketing.....	8
International Business and Cultures.....	9
College of Education.....	10
Secondary Education: Speech Communication and Theatre (Speech 7-12 and Theatre K-12 Licensure).....	12
College of Engineering	
Chemical Engineering.....	13
Computer Engineering.....	14
School of Nursing	
Nursing (Associate of Applied Science Degree).....	15
ROTC.	16

8/27/13

INDEX
(Alphabetized by Major)

A.A.S. Nursing.....	15
Chemical Engineering	13
Computer Engineering.....	14
Finance	7
General Management.....	3
Human Resource Management.....	4
International Business and Cultures.....	9
Management Information Systems.....	8
Marketing.....	7
Nursery and Landscape Management	1
Production/Operations Management.....	5
ROTC	16
Secondary Education: Speech Communication and Theatre (Speech 7-12 and Theatre K-12 Licensure)	12
Turfgrass Management	2