

TRANSFER AGREEMENT

2011-12

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.
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.

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.

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.

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 testing guidelines. Students under the age of 21 who have completed fewer than 24 semester hours must also submit ACT scores.

Undergraduate Colleges and Departments

College of Agricultural and Human Sciences

School of Agriculture
School of Human Ecology
School of Nursing

College of Arts and Sciences

Biology
Chemistry
Earth Sciences
English and Communications
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

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

College of Engineering

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

Questions? Then Contact

Academic Records	Records & Registration, 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 Sciences	Dean's Office, South Hall 102	372-3149
School of Nursing	Kristi Burris, Academic Advisor, Nursing and Health Services	372-3229
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
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	Records & Registration, 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	AGRI 1050 Intro to Soil Science		
CHEM 1110, 1120 General Chemistry I, II	4	4	ECON 2010, 2020 Macroeconomics,		
MATH 1130, 1530, 1630, 1830, or 1910	0	3-4	Microeconomics	3	3
CIS 209 or INFS 1010	3	0	COMM 2100 or SPCH 1010	3	0
Elective	1	0	HIST 2010, 2020 Survey of American History I, II	3	3
			Humanities/Fine Arts Electives	3	3
			MATH 1130, 1530, 1630, 1830, or 1910	0	3-4
Total	15	14-15	Total	15	15-16

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Billye Foster, Director; School of Agriculture - South Hall 145, Phone: (931) 372-3019

Junior Year		Senior Year	
AGR 1020 Connections to Agriculture	1	AGR 4930 Senior Seminar	2
BIOL 1120 General Botany	4	AGBE 4030 Agribusiness Management	3
AGET 3110 Natural Resource Systems	3	AGHT 4410 Nursery Management	3
AGHT 3400 Landscape Horticulture	3	AGRN 4210 Soil Fertility & Fertilizers	3
AGHT 3410 Plant Propagation	3	AGET 4610 Greenhouse Structures & Landscaping	
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	Electives	5
AGBE 3400 Agricultural Finance	3		
Total	29	Total	31

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.

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

9/15/11

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	COMM 2100 or SPCH 1010		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 - South Hall 145, Phone: (931) 372-3019

Junior Year			Senior Year		
AGR 1020	Connections to Agriculture	1	AGHT 3030	Integrated Pest Management	3
ACCT 2110	Principles of Financial Accounting	3	AGRN 4100	Weed Science	3
ACCT 2120	Principles of Managerial Accounting	3	AGRN 4210	Soil Fertility & Fertilizers	3
AGET 2110 or 3110		3	AGBE 4030	Agribusiness Management	3
CSC 1100 or DS 2810		3	AGR 4930	Senior Seminar	2
AGET 3320	Small Power Equipment	3	Directed Business Electives ²		6
AGRN 3100	Turfgrass Management	3	Upper Division Agriculture Electives ¹		6
AGHT 3470	Landscape Plant Materials	3	Electives		3
AGBE 3400	Agricultural Finance	3			
BIOL 3330	Entomology	3			
AGRN 2210	Soils	3			
Total			Total		29
		31			

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.

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)

9/15/11

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	COMM 2100 or SPCH 1010		3
			Humanities/Fine Arts Elective ²		3
	Total	35	Total		31

Transition

CHEM 1110 (CHEM 1210 @ TTU)	4
ENGL 1020 Composition II	3
ENGL 2130, 2230 or 2330	3
HEC 2020 Nutrition	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
Elective ¹	3
Total	31

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Kristi Burris

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	4	NURS 4230	Pharmacological Concepts in Nursing II	2
NURS 3281	Health Assessment & Promotion	3	NURS 4300	Research in Health Care	3
NURS 3220, 3250, 3280, 3360, 3361, 3370, 3371		23	NURS 4350	Health Care of Communities	4
NURS 3380	Pathophysiological Processes for the Professional Nurse	3	NURS 4351	Health Care of Communities: Lab	3
			NURS 4450	Leadership & Management	3
			NURS 4451	Leadership & Management: Lab	4
Total		33	Total		29

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 3220, 3250, 3280, 3360, 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 The RN-BSN program is currently being revised. Any of the above TTU information is subject to change. The new program will be posted on our website when it is finalized, so please check the website for RN-BSN program updates.

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

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**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	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	COMM 2100 or SPCH 1010	0	3
Non-Business Elective ¹	0	4	Humanities/Fine Arts Elective	3	0
			Non-Business Elective ¹	3	0
			Total	15	15
Total	16	14			

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Junior Year		Senior Year		
BMGT 3510	Mgmt. & Organization Behavior	3	BMGT 4410	Conflict Management & Negotiation 3
BMGT 3600	International Management	3	BMGT 4520	Applied Management Skills 3
BMGT 3630	Human Resource Management	3	BMGT 4930	Business Strategy 3
DS 3620	Management Science	3	DS 3520	Operations Management 3
DS 3810	Business Applications of Microcomputers	3	ECON 3320, 3810 or 3820	3
DS 3841	Management Information Systems	3	LAW 3810	Business Legal Environment & Ethics 3
ECON 3610	Business Statistics I	3	BMGT Electives ²	6
FIN 3210	Principles of Managerial Finance	3	Non-Business Electives ²	6
MKT 3400	Principles of Marketing	3		
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.

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

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	COMM 2100 or SPCH 1010	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, Interim Department Chairperson - Johnson Hall 306, Phone: (931) 372-3160

Junior Year		Senior Year	
BMGT 3510	Mgmt. & Organization Behavior	3	BMGT 4120 Compensation Administration 3
BMGT 3600	International Management	3	BMGT 4410 Conflict Management & Negotiation 3
BMGT 3630	Human Resource Management	3	BMGT 4520 Applied Management Skills 3
DS 3620	Management Science	3	BMGT 4610 Leadership & Employee Development 3
DS 3810	Business Applications of Microcomputers	3	BMGT 4930 Business Strategy 3
DS 3841	Management Information Systems	3	DS 3520 Operations Management 3
ECON 3610	Business Statistics I	3	ECON 3320, 3810 or 3820 Business Elective ²
FIN 3210	Principles of Managerial Finance	3	Non-Business Electives ²
LAW 3810	Business Legal Environment & Ethics	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

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

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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	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	15	15
Total	16	14			

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Curtis Armstrong, Interim 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.

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 Non-Business Elective ¹	0	3
				3	0
Total	16	14	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Curtis Armstrong, Interim 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 3520 Operations Management	3		DS 3860 Business Database Management		3
DS 3620 Management Science	3		DS 4250 Business Data Communications		3
DS 3810 Business Applications of Microcomputers	3		DS 4330 Management Systems Analysis		3
DS 3841 Management Information Systems	3		DS 4550 Information Systems Development Practicum		3
DS 3850 Advanced Business Data Processing	3		ECON 3320, 3810 or 3820		3
DS 3870 Business Web Applications Development	3		LAW 3810 Business Legal Environment & Ethics		3
ECON 3610 Business Statistics I	3		Business Elective ²		3
FIN 3210 Principles of Managerial Finance	3		Non-Business Electives ²		6
MKT 3400 Principles of Marketing	3				
Total		30	Total		30

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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	COMM 2100 or SPCH 1010	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, Interim 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	FIN 4230 Advanced Financial Decision Analysis 3
DS 3620	Management Science	3	ECON 4510 International Trade & Finance or
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

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

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	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. Steve Isbell, Interim 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	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			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.

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9/15/11

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 Macroeconomics, Microeconomics	3	3
HIST 1110, 1120 Survey of World Civilizations I, II	3	3	ENGL 2130, 2230 or 2330	0	3
MATH 1710 Precalculus I	3	0	HIST 2010, 2020 Survey of American History I, II	3	3
Natural Science	4	4	COMM 2100 or SPCH 1010	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, Interim Department Chairperson - Johnson Hall 216, Phone: (931) 372-3745

Junior Year	F	SP	Senior Year	F	SP
BMGT 3510 Management & Org. Behavior	3	3	BMGT 4930 Business Strategy	3	3
BMGT 3600 International Management	3	3	ECON 4600 Economic Growth & Development	3	3
ECON 3320, 3810 or 3820	3	3	FIN 4510 International Trade & Finance	3	3
ECON 3610 Business Statistics I	3	3	FIN 4910 Multinational Financial Mgt.	3	3
FIN 3210 Principles of Managerial Finance	3	3	MKT 4100 International Marketing	3	3
MKT 3400 Principles of Marketing	3	3	Foreign Language Upper-Division Elective ¹	3	3
Foreign Language 3010, 3020	6	3	IBC 4980 Practicum	3-6	3
Foreign Language 3200	3	3	World Studies Elective ²	3	3
Foreign Language Upper Division Elective	3	3	Business Elective ¹	3	3
World Studies Elective ³	3	3			
Total	33	33	Total	27-30	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, 4550, 4560, 4570, 4620, 4730, 4710, 4740, 4750, 4760, 4790; PHIL 4020; POLS 3300, 3310, 4510, 4960; SOC 2100, 4090; or MUS 2030.

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

COLLEGE OF EDUCATION

ADMISSION TO TEACHER EDUCATION

There are three levels of admission to the TTU Teacher Education Program. The student receives provisional admission upon meeting the admission policies of the institution. The student receives full admission upon meeting the following criteria:

1. Completion of a minimum of 30 semester hours of credit, exclusive of DSP courses, and including ENGL 1010, 1020, and FOED 2011 (or equivalent).
2. Attainment of a minimum quality point average of 2.50 (exclusive of DSP credit).
3. Attainment of minimum scores on the Educational Testing Service PRAXIS I Series: Pre-Professional Skills Tests (Mathematics – 173, Reading – 174, and Writing 173). Individuals having achieved an Enhanced ACT composite score of 22 or a recombined score of 1020 on the SAT are exempt from the PRAXIS I requirement. If seeking an for the PRAXIS I Pre-Professional Skills testing requirement, the student must provide copies of ACT or SAT scores and official transcripts from all institutions previously attended.
4. Evidence of desirable dispositions conducive to success in teaching. Disposition Assessment Forms should be distributed to the following individuals: (1) academic advisor; (2) a professional education instructor; (3) an instructor in the major teaching field if the student is majoring in a 7-12 area, or to an instructor outside the field of education, if the student is majoring in a K-6, 5-8, K-12, or PreK-4 field of study; and (4) to a public school teacher, principal, or counselor. The Disposition Assessment forms must be returned to the attention of the Certification Analyst in TTU Office of Teacher Education.
5. Formal application for admission to the TTU Teacher Education Program must be filed with the Certification Analyst upon completion of 30 semester hours of credit.

All requirements for admission to the Teacher Education program must be completed and candidates attain full admission to the teacher education program before enrolling in upper division professional education courses. The application to the TTU Teacher Education program must be completed and returned to the attention of the Certification Analyst during the semester immediately preceding attendance at TTU. The application packet may be obtained from the TTU Office of Teacher Education's website, or by writing the TTU Office of Teacher Education, Box 5902, TTU, Cookeville, TN 38505.

The third level of admission in the TTU Teacher Education program is student teaching. Candidates are required to submit an Intent to Student Teach approximately one year in advance of the semester scheduled for student teaching. Progression through all the teacher licensure programs is based upon candidate performance and departmental evaluations. For additional details on admission policies and procedural matters, please consult the TTU Catalog.

Teacher Education candidates may be required to meet revisions in various curricula necessitated by changing standards of the National Council for Accreditation of Teacher Education or by requirements of the TN State Board of Education and teacher licensure.

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**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
ENGL 1010, 1020 Composition I, II	3	3	EDU 221 Educational Psychology	3	0
MATH (Approved General Education)	3	0	ENGL 2330 Survey of World Literature	0	3
PHED	1	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		
ART or MUS 1030	0	3	Communication	3	0
THEA 1030 Intro to Theatre and Performance	0	3	Social/Behavioral Science Electives	3	3
			THEA 1430 Acting II	0	3
			Elective ¹	1	2
Total	14	16	Total	16	14

TENNESSEE TECHNOLOGICAL UNIVERSITY

**SECONDARY EDUCATION SPEECH COMMUNICATION AND THEATRE (Speech 7-12 & Theatre K-12 Licensure) -
BACHELOR OF SCIENCE DEGREE**

Advisor: Dr. Matt Smith, Department Chairperson - Bartoo Hall 311, Phone: (931) 372-3181

Junior Year		Senior Year	
CUED 4120 Materials and Methods for Teaching Speech and Theatre	3	SPCH 4430 Interpersonal Communication	3
ENGL 3810 or 3820	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 2011 Intro to Teaching & Technology	2	SEED 4882 Professional Seminar II	2
FOED 1820 or 1822	1		
FOED 3010 Integrating Instructional Technology into the Classroom	3	Total	25
READ 3350 Teaching Reading in the Content Areas	3		
SPCH 3130 Speech Activities	3		
SPCH 3630 Discussion & Parliamentary Procedure	3		
THEA 2150 Oral Interpretation of Literature	3		
THEA 3001 Theatre Special Topics	3		
THEA 4300 Play Directing	3		
THEA 4500 Creative Dramatics	3		
Total	39		

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
			COMM 2100 or SPCH 1010	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		
CHE 2011 Chemical & Biological Engineering		Diffusive-Convective Mass Transfer	4	
		Process Analysis	4	
CHE 1510 Computer Applications in CHE	1	CHE 4210 Chemical Reaction Engineering	4	
CHE 3010 Thermodynamics of Chemical		CHE 4240 Chemical Engineering Capstone Lab	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 Elective ⁴	6	
CHE 3111 Transfer Science I: Conduction,		CHE 4910 Professionalism and Ethics in CHE	1	
Radiation, and Diffusion	4	CHEM 3510, 3520 Physical Chemistry	8	
CHE 3121 Transfer Science II: Fluid Mechanics	4			
CHE 3730 Chemical Engineering Operations	3			
Technical Elective ³	3			
CEE 2110, ECE 3810 or BIOL 3200	3			
Total		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:

- Any College of Engineering course at the 3000 or 4000 level.
- Any BIOL/CHEM/MATH/PHYS at the 3000 or 4000 level.
- CEE 2100
- Any course with the prior approval of the ChE Undergraduate Program Coordinator.
- Note that CEE 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:

- ChE 4330--Polymer Engineering
- ChE 4661 -- Transport in Biochemical and Biological Processes
- ChE 4950 -- MEMS
- ChE 4990 -- Undergraduate Research

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

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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	COMM 2100 or SPCH 1010		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

Advisor: Dr. P.K. Rajan, Interim Department Chairperson

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 2010, 2011	Electric Circuits I, Lab	4	ECE 3120	Computer Systems	3
ECE 2020	Electric Circuits II	3	ECE 3160	Digital Systems Laboratory	1
ECE 2110	Intro to Digital Systems	3	ECE 3300	Electronics I	3
ECE 3060	EE Lab II	1	ECE 3910	Probability & Random Variables in ECE	3
MATH Elective ²		3	ECE 4910	Professional Issues in ECE	1
MATH 2010, 2011	Elementary Matrix Algebra, Lab	3	CSC 2400	Design of Algorithms	3
	Total	25	CSC 2500	Unix Laboratory	1
			CSC 3030	Practical and Professional Issues in CSC	1
Fifth Year			CSC 4200	Computer Networks	3
ECE 4961, 4970	Capstone Design I, II	5		Total	25
ECE 4110	Sequential Logic Design	3			
ECE 4120	Fundamentals of Computer Design	6			
ECE 4140	Embedded System Design	3			
ECE	Laboratory Elective ²	1			
ECE	Elective ²	3			
Computer Engineering Elective ²		3			
CSC 4100	Operating Systems	3			
CSC Elective ²		3			
	Total	29			

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.

DEPARTMENT OF MANUFACTURING AND INDUSTRIAL TECHNOLOGY

INDUSTRIAL TECHNOLOGY

COLUMBIA STATE COMMUNITY COLLEGE

Freshman Year	F	SP	Sophomore	F	SP
Humanities/Fine Arts Electives	3	3	ECON 2020 Microeconomics	0	3
CHEM 1110 General Chemistry I	4	0	ENGL 2130, 2230 or 2330	0	3
CISP 1010 Programming I	0	3	HIST 2010, 2020 Survey of American History I, II	3	3
ENGL 1010, 1020 Composition I, II	3	3	MATH 1910 Calculus and		
MATH 1710 Precalculus Algebra	3	0	Analytical Geometry I	4	0
MATH 1720 College Trigonometry	0	3	PHYS 2010, 2020 Physics I, II	4	4
PSYC 1030 General Psychology I	0	3	COMM 2100 or SPCH 1010	0	3
			ECON 2010 or INFS 1010 ¹	3	0
Total	13	15	Total	14	16

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Ahmed Elsaywy, Department Chairperson

Lewis Hall 107, Phone (931) 372-3263

(Recommend the advisor be contacted prior to transfer.)

Junior Year		Senior Year			
BMGT 3510 Management & Organizational		ACCT 3720 Survey of Accounting		3	
		Behavior	3	DS 3520 Operations Management	3
ECON 3610 Business Statistics I	3	MIT 3060 CNC Machining Practices		3	
ENGR 1110 Engineering Graphics	2	MIT 3403 Applied Machine Elements		3	
MIT 1110 Intro to Manufacturing Technology	3	MIT 4200 Industrial Electronics		3	
MIT 2000 Occupational Safety	2	MIT 4310 Plant Layout & Materials Handling		3	
MIT 2410 Statics and Strength of Materials	3	MIT 4610 Engineering Technology Seminar		1	
MIT 2063 Metal Manufacturing Technology	3	MIT 4620 Senior Projects		3	
MIT 3130 Maintenance Technology I	3	Technical Electives ²		6	
MIT 3200 Applied Electricity & Electronics	3				
MIT 3301 CAD for Technology	2				
MIT 3700 Manufacturing Cost Estimating	2				
MIT 3710 Methods Design and Work					
		Measurement	2		
MIT 3730 Quality Assurance	2				
ME 3110 Physical Metallurgy & Heat Treatment	3				
Total	36	Total	28		

¹Business Electives: BMGT 3630, BMGT 4520, DS 2810, DS 3620, DS 3540, ECON 2020, FIN 3210, LAW 3810 or MKT 3400.

²Technical Electives: MIT 3010, 3080, 3460, 3560, 4010, 4060, 4140, 4210, 4220, 4300, 4400, 4430, 4450, 4500, 4990; ECE 3835 and ME 4430.

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

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2011-2012

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.

College of Agricultural and Human Sciences	
School of Agriculture	
Nursery and Landscape Management	1
Turfgrass Management	2
School of Nursing	
Nursing (Associate of Applied Science Degree)	3
College of Business	
General Management	4
Human Resource Management	5
Production/Operations Management	6
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