

TRANSFER AGREEMENT

2011-12

Volunteer State Community College

Tennessee Technological University

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

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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.
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 current 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 for the next academic year.

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
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

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

School of Interdisciplinary Studies

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 202	372-3610
Business	Dean's Office, Johnson Hall 101	372-3372
Student Success Center	Johnson Hall 107	372-3371
Education	Dean's Office, T. J. Farr 100	372-3124
Advising Center	T.J. Farr 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
School of Interdisciplinary Studies	Dean's Office, Henderson Hall Room 3	372-3394
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

(Alphabetized by Major)

Banking (VSCC), Finance (TTU) 13
 Chemical Engineering 21
 Child Development and Family Studies (Non-Licensure) 3
 Comprehensive Special Education (K-12 Licensure) 17
 Computer Engineering 22
 Dietetics (Human Ecology--Food, Nutrition and Dietetics Option) 5
 Early Childhood Education (PreK-4 Licensure) 18
 Family and Consumer Sciences (Human Ecology Concentration) 4
 Finance 13
 Food Systems Administration (Human Ecology--Food, Nutrition and Dietetics Option) .. 6
 General Management (Business Management Option BUMA) 9
 Housing and Design (Human Ecology Concentration) 7
 Human Resource Management (Business Management Option BUHR) 11
 Industrial Technology 23
 Interdisciplinary Studies 24
 Management Information Systems (Business Management Option BUIN) 10
 Marketing 14
 Merchandising and Design (Human Ecology Concentration) 8
 Modified Special Education (K-12) 16
 Multidisciplinary Studies: Elementary Education (K-6 Licensure) 19
 Multidisciplinary Studies: Middle School (4-8 Licensure) 20
 Production/Operations Management (Business Management Option BUPR) 12
 ROTC 25

(Alphabetized by College)

College of Agricultural and Human Sciences	
School of Human Ecology	
Child and Family Studies (Non-Licensure)	3
Dietetics Option	5
Family and Consumer Science Concentration	6
Food Systems Administration Option	6
Housing and Design Concentration	7
Merchandising and Design Concentration	8
College of Business	
Department of Decision Sciences and Management	
General Management (Business Management Option BUMA)	9
Human Resource Management (Business Management Option BUHR)	10
Management Information Systems (Business Management Option BUIN)	11
Production/Operations Management (Business Management Option BUPR)	12
Department of Economics, Finance, and Marketing	
Finance	13
Marketing	14
College of Education	
Admission to Teacher Education	15
Department of Curriculum and Instruction	
Comprehensive Special Education (K-12)	16
Modified Special Education (K-12)	17
Early Childhood Education, Pre K-4, Early Childhood Education PreK-1	18
Multidisciplinary Studies: Human Learning (K-6 Licensure)	19
Multidisciplinary Studies: Middle School (4-8 Licensure)	20
College of Engineering	
Department of Chemical Engineering	21
Department of Electrical and Computer Engineering	22
Department of Manufacturing and Industrial Technology	23
School of Interdisciplinary Studies	24
ROTC	25

SCHOOL OF HUMAN ECOLOGY
CHILD DEVELOPMENT AND FAMILY RELATIONS

(Leading to the Bachelor of Science Degree, Non-Licensure)

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year

ENGL1010	English Composition I	3
ECED1010	Introduction to Early Childhood	2
ECED2015	Early Childhood Curriculum	3
ECED2010	Safe, Healthy, Learning Environments	3
ART or MUS 1030	Art or Music Appreciation	3
BIOL 1030	Essentials of Biology	4
MATH		3
ECED2030,2090,2100,or2120		3
SOCI1010	Introduction to Sociology	3

Total 27

Sophomore Year

HED200	First Aid & Safety CPR	3
ECED2020	Infant, Toddler, Child Development	3
ECED2040	Family Dynamics & Comm. Involvement	3
ECED2050	Psychomotor Development	3
ECED2060	Developmental of Exceptional Children	3
ECED2070	Development Assessment	3
ECED2080	Language & Literacy in ECED	3
ECED2085	Math & Science in ECED	3
ECED2130	Clinical Practicum I	3
ECED2160	Final Practicum	3
HED 120	Intro to Wellness	3

Total 33

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Sue Bailey, Human Ecology - South Hall 105, Phone: (931) 372-3157

Transition Semester-TTU

Natural Science		3
ENGL1020	Writing II	3
HIST 2010 or 2020	American History I or II	3
Humanities/Fine Arts Elective		3
SPCH 2410 or PC 2500		3
HEC 1000	Intro to the Profession	1
	Total	16

Junior Year

ENGL 2130, 2230, or 2330		3
HIST 2010 or 2020	American History I or II	3
Natural Science		4-9
CFS 2410	Practicum: Young Children with Special Needs	1
DS 2810 or FOED 2011, 1820		3
HEC 2031	Aspects of Dress	3
HEC 2500	Creative Play	2
HEC 3500	Development: Middle Childhood/ Adolescence	3
HEC Electives		6
HEC Core		1-3

Total 29-36

Senior Year

EXPW 2150	Human Sexuality	3
HEC 2041	Aspects of Housing and Furnishings	3
HEC 3011	Consumer Economics	3
HEC 3520	Parenting & Child Guidance	2
HEC 3700	Development: Young Adulthood/Aging	3
HEC 4000	Prof. Integration & Comm. Techniques	1
HEC 4600	Family Development and Relationships	3
HEC 4610	Families: Normative/Catastrophic Issues	3
HEC 4990	Internship	6
ECSP 4300	Assessment of Young Children	3
SOC 3650	Juvenile Delinquency	3

Total 33

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

Natural Science

CHEM 1310, GEOL 1310, or PHYS 1310 or
 BIOL 1010, 1020 or
 BIOL 2010, 2020

HEC Core

HEC 1010	Life Span Development	3
HEC 1020	Social Intelligence	1

FAMILY AND CONSUMER SCIENCES**VOLUNTEER STATE COMMUNITY COLLEGE****Freshman Year**

CHEM 1110, 1120	General Chemistry I, II	8
ENGL 1010, 1020	English Composition I, II	6
ECED 1010	Introduction to Early Childhood	2
ECED 2010	Safe, Healthy Learning Environments	3
ART 1030	Art Appreciation	3
MATH 1010	Math for Liberal Arts	3
Social/Behavioral Science Elective		3
Electives ¹		2

Total 30

Sophomore Year

SPCH 103 or 1010		3
ECED 2040	Family Dynamics & Comm. Involvement	3
EDU 2200	Educational Psychology	3
ENGL Literature		3
HED 220	Principles of Nutrition	3
HIST 2010, 2020	Survey of American History	6
Humanities/Fine Arts Elective		3
Social/Behavioral Science Elective		3
Electives ¹		3

Total 30

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Sue Bailey, Human Ecology - South Hall 105, Phone: (931) 372-3157

Junior Year

FOED 3010	Integrating Instructional Technology into the Classroom	3
HEC 1000	Intro to the Profession	1
HEC 1010	Life Span Development	3
HEC 2032	Construction and Analysis of Sewn Products	4
HEC 2031	Aspects of Dress	3
HEC 2041	Aspects of Housing and Furnishings	3
HEC 3520	Parenting & Child Guidance	2
HEC 2240	Food Preparation & Management	4
HEC 2800	Intro to Teaching Vocational Family & Consumer Sciences	3
HEC 3011	Consumer Economics	3
HEC 3310	Textiles I	3
HEC 3500	Development: Middle Childhood/Adolescence	3
HEC 3800	Materials & Methods of Teaching Vocational Family & Consumer Sciences Education	2
HEC 3811	Practicum: Family & Consumer Sciences Education	1
HEC 3841	Occupational Family & Consumer Sciences	1
HEC Occupational Electives		6
READ 3350	Teaching Reading in the Content Areas	3

Total 48

Senior Year

HEC 1020	Social Intelligence	1
HEC 4871	Residency I	5
HEC 4872	Professional Seminar I	5
HEC 4881	Residency II	10
HEC 4882	Professional Seminar II	2
HEC 4833, 4834 or 4835		1

Total 24

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

¹Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/transfers/transfertablesagreements/

FOOD, NUTRITION AND DIETETICS

(Dietetics Option)

VOLUNTEER STATE COMMUNITY COLLEGE**Freshman Year**

BIOL 1010	Intro to Biology I	4
CHEM 1110, 1120	General Chemistry I, II	8
ENGL 1010, 1020	English Composition I, II	6
MATH 1130, 1530		6
PSYC 1030	General Psychology	3
SOCI 1010	Intro to Sociology	3

Total

30

Sophomore Year

BIOL 2010, 2020	Human Anatomy & Physiology I, II	8
BIOL 2230	Microbiology	4
SPCH 103 or 1010		3
ECED 2040	Family Dynamics & Comm. Involvement	3
ENGL Literature		3
HIST 2010, 2020	Survey of American History	6
	Humanities/Fine Arts Electives	6

Total

33

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Melinda Anderson, Human Ecology - South Hall 111, Phone: (931) 372-3865

Junior Year

CHEM 3005	Elementary Organic Chemistry	4
HEC 1000	Intro to the Profession	1
HEC 1010	Life Span Development	3
HEC 1020	Social Intelligence	1
HEC 2020	Nutrition	3
HEC 2240	Food Preparation & Management	4
HEC 3011	Consumer Economics	3
HEC 3201	Community Nutrition	3
HEC 3240	Quantity Food Production	4
HEC 3270	Nutrition in Disease	3
HEC 4110	Experimental Food Sciences	4

Total

33

Senior Year

BMGT 3510	Management & Organization Behavior	3
CHEM 4500	Physiological Chemistry	3
HEC 2031 or 2041		3
HEC 4000	Prof. Integration & Comm. Techniques	1
HEC 4200	Advanced Nutrition	3
HEC 4210	Medical Terminology for Human Sciences	1
HEC 4241	Legal Issues in Food Sciences	1
HEC 4242	Food Systems Administration	3
HEC 4271	Medical Nutrition Therapy	3
HEC 4272	Clinical Dietetics	3
HEC 4994	Field Experience--Health Care	3

Total

27

Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.¹Requires professional liability insurance (approx. \$20).

FOOD, NUTRITION AND DIETETICS

(Food Systems Administration Option)

VOLUNTEER STATE COMMUNITY COLLEGE**Freshman Year**

BIOL 1010	Intro to Biology I	4
CHEM 1110, 1120	General Chemistry I, II	8
ENGL 1010, 1020	English Composition I, II	6
ECED 1010	Introduction to Early Childhood	2
MATH 1130, 1530		6
SOCI 1010	Intro to Sociology	3

Sophomore Year

ACCT 1010	Principles of Accounting I	3
BIOL 2230	Microbiology	4
SPCH 103 or 1010		3
ECED 2040	Family Dynamics & Comm. Involvement	3
ENGL Literature		3
HIST 2010, 2020	Survey of American History	6
PSYC 1030	General Psychology	3
Humanities/Fine Arts Electives		6

Total		29	Total	31
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TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Sue Bailey, Human Ecology - South Hall 105, Phone: (931) 372-3157

Junior Year

HEC 1000	Intro to the Profession	1
HEC 1010	Life Span Development	3
HEC 1020	Social Intelligence	1
HEC 2020	Nutrition	3
HEC 2240	Food Preparation & Management	4
HEC 3011	Consumer Economics	3
HEC 3240	Quantity Food Production	4
HEC 3270	Nutrition in Disease	3
HEC 4110	Experimental Food Sciences	4
Electives (5 upper-division)		5

Senior Year

BMGT 3510	Management & Organization Behavior	3
BMGT 3630	Human Resource Management	3
ECON 2010	Principles of Microeconomics	3
HEC 2031 or 2041		3
HEC 4000	Prof. Integration & Comm. Techniques	1
HEC 4241	Legal Issues in Food Service	1
HEC 4242	Food Systems Administration	3
HEC 4992 and/or 4993		6
MKT 3310	Services Marketing	3
Electives		3

Total		31	Total	29
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Students must complete 60 hours at senior institution with 36 hours of upper-division credit at the 3000-4000 level.

HOUSING AND DESIGN**VOLUNTEER STATE COMMUNITY COLLEGE****Freshman Year**

CHEM 1110, 1120	General Chemistry I, II	8
ENGL 1010, 1020	English Composition I, II	6
ECED 1010	Introduction to Early Childhood	2
MATH 1130	College Algebra	3
MATH 1010 or 1530		3
SOCI 1010	Intro to Sociology	3
ART 1030	Introduction to Art	3
Electives		2

Sophomore Year

INFS 1010	Computer Applications	3
SPCH 103 or 1010		3
ECED 2040	Family Dynamics & Comm. Involvement	3
ECON 2010, 2020	Macroeconomics, Microeconomics	6
ENGL Literature		3
HED 220	Principles of Nutrition	3
HIST 2010, 2020	Survey of American History	6
PSYC 1030	General Psychology	3
Humanities/Fine Arts Elective		3

Total 30

Total 30

TENNESSEE TECHNOLOGICAL UNIVERSITY

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Junior Year

HEC 1000	Intro to the Profession	1
HEC 2041	Aspects of Housing and Furnishings	3
HEC 2411	Practicum: Housing & Design	1
HEC 2421	Architectural Graphics & Presentation Techniques	3
HEC 2431	Residential Design I	3
HEC 2440	Computer Aided Design of Residence	3
HEC 3011	Consumer Economics	3
HEC 3310	Textiles I	3
HEC 3320	Textiles II	3
HEC 3350	Merchandising I	3
HEC 3420	Housing	3
HEC Core		6

Senior Year

HEC 3431	Residential Design II	3
HEC 4000	Prof. Integration & Comm. Techniques	1
HEC 4450	Commercial Design	3
HEC 4460	Historical and Contemporary Architecture and Furnishings	3
AGHT Elective 3400, 3440, 3460 or 3480		3
FIN 3410	Principles of Real Estate	3
MKT 3400	Principles of Marketing	3
HEC Upper-Division Elective		6

Total 35

Total 25

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

HEC Core

HEC 1010	Life Span Development	3
HEC 1020	Social Intelligence	1
HEC 2031	Aspects of Dress	3

MERCHANDISING AND DESIGN**VOLUNTEER STATE COMMUNITY COLLEGE****Freshman Year**

CHEM 1110, 1120	General Chemistry I, II	8
ENGL 1010, 1020	English Composition I, II	6
MATH 1010	Math for Liberal Arts	3
MATH 1530	Elementary Statistics	3
SOCI 1010	Intro to Sociology	3
Humanities/Fine Arts Electives		6
Elective ¹		1

Total 30

Sophomore Year

INFS 1010	Computer Applications	3
SPCH 103 or 1010		3
ECED 2040	Family Dynamics & Comm. Involvement	3
ECON 2010, 2020	Macroeconomics, Microeconomics	6
ENGL Literature		3
HED 220	Principles of Nutrition	3
HIST 2010, 2020	Survey of American History	6
PSYC 1030	General Psychology	3

Total 30

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Sue Bailey, Human Ecology - South Hall 105, Phone: (931) 372-3157

Junior Year

ACCT 2110	Principles of Financial Accounting	3
HEC 1000	Intro to the Profession	1
HEC 2031	Aspects of Dress	3
HEC 2032	Construction and Analysis of Sewn Products	4
HEC 2300, 3300, 4340 or 4990		6
HEC 2311	Practicum: Merchandising & Design	1
HEC 3350	Merchandising I	3
HEC 3420	Housing	3
HEC Core		3
MKT 3400	Principles of Marketing	3

Total 30

Senior Year

HEC 3011	Consumer Economics	3
HEC 3310	Textiles I	3
HEC 3320	Textiles II	3
HEC 4000	Prof. Integration & Comm. Techniques	1
HEC 4320	Merchandise Promotion & Advertising	3
HEC 4360	Merchandising II	3
HEC 4600; IBC 4980 or 4990; SOC 3150; or PSY 3300, 3400, or 3410		3
Upper Division Business Elective		3
Electives (5 hours must be upper-division)		8

Total 30

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HEC Core

HEC 1010	Life Span Development	3
HEC 1020	Social Intelligence	1

COLLEGE OF BUSINESS

DEPARTMENT OF DECISION SCIENCES AND MANAGEMENT

BUSINESS MANAGEMENT - GENERAL MANAGEMENT (Option BUMA)

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year		F	SP	Sophomore Year		F	SP
INFS 1010	Computer Applications	0	3	ACCT 1010, 1020	Principles of Accounting I, II	3	3
SPCH 1010 or 103	Fund. of Speech Communication			ECO 211, 212	Macroeconomics, Microeconomics	3	3
	Public Speaking	3	0	ENGL Literature		3	0
ENGL 1010, 1020	English Composition I, II	3	3	HIST 2010, 2020	Survey of American History I, II	3	3
MATH 1130, 1830	College Algebra; Intuitive Calc.	3	3	Non-Business Elective ²		0	3
Natural Science ¹		4	4	Humanities/Fine Arts Electives ³		3	3
Non-Business Electives ²		1	3				
	Total	14	16	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	Mgt. & 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	Bus. Appl. of Microcomputers	3		ECON 3320, 3810 or 3820		3	
DS 3841	Mgt. Information Systems	3		LAW 3810	Business Legal Environment and Ethics	3	
ECON 3610	Business Statistics I	3		BMGT Electives		6	
FIN 3210	Principles of Managerial Finance	3		Non-Business Elective ⁴		6	
MKT 3400	Principles of Marketing	3					
Business Electives ⁴		3					
	Total	30		Total		30	

¹ Natural science, choose from: BIOL 1010-1020, BIOL 1110-1120, CHEM 1110-1120, PHYS 2010-2020, or GEOL 1040-1050.

² Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/transfers/transfereablesagreements/

³ Fine arts electives, choose one from: ART 1030, MUS 1030, PHIL 1030 or THEA 1030.

⁴ 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

BUSINESS MANAGEMENT - MANAGEMENT INFORMATION SYSTEMS (Option BUIN)

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year	F	SP	Sophomore Year	F	SP
INFS 1010 Computer Applications	0	3	ACCT 1010, 1020 Principles of Accounting I, II	3	3
SPCH 1010 or 103 Fund. of Speech Communication			ECON 2010, 2020 Macroeconomics,		
			Microeconomics	3	3
ENGL 1010, 1020 English Composition I, II	3	3	ENGL Literature	3	0
MATH 1130, 1830 College Algebra; Intuitive Calc.	3	3	HIST 2010, 2020 Survey of American History I, II	3	3
Natural Science ¹	4	4	Non-Business Elective ²	0	3
Non-Business Electives ²	1	3	Humanities/Fine Arts Electives ³	3	3
Total	14	16	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. and 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 Bus. Appl. of Microcomputers	3	DS 4330 Management Systems Analysis	3
DS 3841 Mgt. Information Systems	3	DS 4550 Information Systems Dev Practicum	3
DS 3850 Advanced Bus. Data Processing	3	ECON 3320, 3810 or 3820	3
DS 3870 Business Web Apps Development	3	LAW 3810 Business Legal Environment and Ethics	3
ECON 3610 Business Statistics I	3	Business Elective ⁴	3
FIN 3210 Principles of Managerial Finance	3	Non-Business Electives ⁴	6
MKT 3400 Principles of Marketing	3		
Total	30	Total	30

¹ Natural science, choose from: BIOL 1010-1020 or BIOL 1110-1120; CHEM 1110-1120; PHYS 2010-2020; or GEOL 1040-1050.

² Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/transfers/transfertablesagreements/

³ Fine arts electives, choose one from: ART 1030, MUS 1030, PHIL 1030 or THEA 1030.

⁴ Elective courses must be selected in consultation with the advisor.

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DEPARTMENT OF DECISION SCIENCES AND MANAGEMENT
BUSINESS MANAGEMENT - HUMAN RESOURCE MANAGEMENT
(Option BUHR)

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year		F	SP	Sophomore Year		F	SP
INFS 1010	Computer Applications	0	3	ACCT 1010, 1020	Principles of Accounting I, II	3	3
SPCH 1010 or 103	Fund. of Speech Communication			ECON 2010, 2020	Macroeconomics,		
	Public Speaking	3	0		Microeconomics	3	3
ENGL 1010, 1020	English Composition I, II	3	3	ENGL Literature		3	0
MATH 1130, 1830	College Algebra; Intuitive Calc.	3	3	HIST 2010, 2020	Survey of American History I, II	3	3
Natural Science ¹		4	4	Non-Business Elective ²		0	3
Non-Business Electives ²		1	3	Humanities/Fine Arts Electives ³		3	3
	Total	14	16		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	Bus. Appl. of Microcomputers	3		BMGT 4930	Business Strategy		3
DS 3841	Mgmt. Information Systems	3		DS 3520	Operations Management		3
ECON 3610	Business Statistics I	3		ECON 3320, 3810 or 3820			3
FIN 3210	Principles of Managerial Finance	3		Business Elective ⁴			3
LAW 3810	Business Legal Environment and Ethics	3		Non-Business Electives ⁴			6
MKT 3400	Principles of Marketing	3					
	Total		30		Total		30

¹ Natural science, choose from: BIOL 1010-1020 or BIOL 1110-1120, CHEM 1110-1120, PHYS 2010-2020, or GEOL 1040-1050.

² Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/transfers/transfertablesagreements/

³ Fine arts electives, choose one from: ART 1030, MUS 1030, PHIL 1030 or THEA 1030.

⁴ 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

BUSINESS MANAGEMENT - PRODUCTION/OPERATIONS MANAGEMENT (Option BUPR)

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year	F	SP	Sophomore Year	F	SP
CIS 100 Computer Technology & Apps	0	3	ACT 201, 202 Principles of Accounting I, II	3	3
COM 100 or 103 Fund. of Speech Communication			ECO 211, 212 Principles of Economics I, II	3	3
			ENGL Literature	3	0
ENGL 1010, 1020 English Composition I, II	3	3	HIST 2010, 2020 Survey of American History I, II	3	3
MATH 1130, 1830 College Alg.; Intuitive Calculus	3	3	Non-Business Elective ²	0	3
Natural Science ¹	4	4	Humanities/Fine Arts Electives ³	3	3
Non-Business Electives ²	1	3			
Total	14	16	Total	15	15

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 Legal Environment of Business	3
DS 3540 Quality and Productivity Systems	3	Business Electives ⁴	6
DS 3620 Management Science	3	DS/BMGTElectives ⁴	6
DS 3841 Mgmt. Information Systems	3	ISE/MIT Electives ⁴	6
ECON 3610 Business Statistics I	3		
FIN 3210 Principles of Managerial Finance	3		
MKT 3400 Principles of Marketing	3		
Total	30	Total	30

¹ Natural science, choose from: BIOL 1010-1020 or BIOL 1110-1120; CHEM 1110-1120; PHYS 2010-2020; or GEOL 1040-1050.

² Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/transfers/transfertablesagreements/

³ Fine arts electives, choose one from: ART 1030, MUS 1030, PHIL 1030 or THEA 1030.

⁴ 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.

FINANCE**VOLUNTEER STATE COMMUNITY COLLEGE**

Freshman Year		F	SP	Sophomore Year		F	SP
INFS 1010	Computer Applications	0	3	ACCT 1010, 1020	Principles of Accounting I, II	3	3
SPCH 1010 or 103	Fund. of Speech Communication			ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
	Public Speaking	3	0	ENGL Literature		3	0
ENGL 1010, 1020	English Composition I, II	3	3	HIST 2010, 2020	Survey of American History I, II	3	3
MATH 1130, 1830	College Algebra; Intuitive Calc.	3	3	Non-Business Elective ²		0	3
Natural Science ¹		4	4	Humanities/Fine Arts Electives ³		3	3
Non-Business Electives ²		1	3				
	Total	14	16	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. and Organization Behavior	3		BMGT 4930	Business Strategy		3
DS 3520	Operations Management	3		FIN 4230	Adv. Financial Decision Analysis		3
DS 3620	Management Science	3		ECON 4510 or	International Trade and Finance or		
DS 3841	Mgmt. Information Systems	3		FIN 4910	Multinational Financial Mgt.		3
ECON 3320, 3810 or 3820		3		MKT 3400	Principles of Marketing		3
ECON 3610	Business Statistics I	3		Business Elective ⁴			3
FIN 3210	Principles of Managerial Finance	3		Finance Electives ⁴			9
FIN 3220	Intermediate Financial Mgt.	3		Non-Business Electives ⁴			6
FIN 3830	Fundamentals of Investment	3					
LAW 3810	Business Legal Environment & Ethics	3					
	Total	30		Total			30

¹ Natural science, choose from: BIOL 1010-1020 or BIOL 1110-1120; CHEM 1110-1120; PHYS 2010-2020; or GEOL 1040-1050.

² Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/transfers/transfertablesagreements/

³ Fine arts electives, choose one from: ART 1030, MUS 1030, PHIL 1030 or THEA 1030.

⁴ 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.

MARKETING**VOLUNTEER STATE COMMUNITY COLLEGE**

Freshman Year		F	SP	Sophomore Year		F	SP
INFS 1010	Computer Applications	0	3	ACCT 1010, 1020	Principles of Accounting I, II	3	3
COM 100 or 103	Fund. of Speech Communication			ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
	Public Speaking	3	0				
ENGL 1010, 1020	English Composition I, II	3	3	ENGL Literature		3	0
MATH 1130, 1830	College Algebra; Intuitive Calc.	3	3	HIST 2010, 2020	Survey of American History I, II	3	3
Natural Science ¹		4	4	Non-Business Elective ²		0	3
Non-Business Electives ²		1	3	Humanities/Fine Arts Electives ³		3	3
	Total	14	16	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		MKT 4620	Marketing Research		3
DS 3620	Management Science	3		MKT 4730	Marketing Strategy		3
DS 3841	Management Information Systems	3		Marketing Electives ⁴			12
ECON 3320, 3810 or 3820		3		Business Elective ⁴			3
ECON 3610	Business Statistics I	3		Non-Business Elective ⁴			3
FIN 3210	Principles of Managerial Finance	3		LAW 3810	Business Legal Environment & Ethics		3
MKT 3400	Principles of Marketing	3					
Marketing Elective ⁴		3					
Non-Business Elective ⁴		3					
	Total	30		Total			30

¹ Science sequence, choose from: BIOL 1010-1020 or BIOL 1110-1120; CHEM 1110-1120; PHYS 2010-2020; or GEOL 1040-1050.

² Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/transfers/transfertablesagreements/

³ Fine arts electives, choose one from: ART 1030, MUS 1030, PHIL 1030 or THEA 1030.

⁴ 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.

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, 4-8, K-12, or PreK-3 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.

DEPARTMENT OF CURRICULUM AND INSTRUCTION

MODIFIED SPECIAL EDUCATION (K-12)

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year	F	SP	Sophomore Year	F	SP
BIOL 1030	4	0	ENGL Literature	3	3
PSCI 1030	0	4	HIST 2010, 2020	3	3
SPCH 1010 or 103	0	3	MATH 1410, 1420	3	3
	0	3	ART or MUS 1030	0	3
EDU 101	3	0	GEOL 1030	0	4
ENGL 1010, 1020	3	3	EDU 2200	3	0
GEOG 2010	3	0	ECED 2010	3	0
Social/Behavioral Science Elective	0	3		3	0
Electives	1	2			
Total	14	15	Total	15	16

TENNESSEE TECHNOLOGICAL UNIVERSITY

Dr. Susan Gore, Interim Department Chairperson - Bartoo Hall 311, Phone: (931) 372-3181

Junior Year		Senior Year		
ART 3200	Art Applications I	2	FOED 3010	Integrating Instructional Technology into the Classroom
CFS 3600	Family, Community & Professional Partnerships	2	SPED 4871	Residency I
MUS 1074	Music to Meet Exceptional Ed Needs	1	SPED 4872	Professional Seminar I
READ 3311	Literacy II	7	SPED 4881	Residency II
SPED 3031	Physical Management & Support for Ortho. & Special Health Impaired	3	SPED 4882	Professional Seminar II
SPED 2040	Special Ed Procedures and Methods	3	SPED Electives	
SPED 3030	The Education of Persons with Learning Disabilities	3		
SPED 4030	Applied Behavior Analysis for Teachers	3		
SPED 4200	Autism Disorders	3		
SPED Electives		8		
Total		35	Total	28

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

COMPREHENSIVE SPECIAL EDUCATION (K-12)

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year		F	SP	Sophomore Year		F	SP
BIOL 1030	Essentials of Biology	4	0	EDU2200	Educational Psychology	3	0
PSCI1030	Intro to Physical Science	0	4	ENGLLiterature		3	3
SPCH1010 or 103	Fund. of Speech Communication or Public Speaking	0	3	HIST2010, 2020	Survey of American History I, II	3	3
EDU101	Introduction to Education	3	0	MATH 1410, 1420	Structure of Math Systems I, II	3	3
ENGL 1010, 1020	English Composition I, II	3	3	Humanities/Fine Arts Elective		0	3
Social/Behavioral Science Elective		3	0	GEOL1030	Essentials of Geology	4	0
PHED	Physical Education	1	1	GEOG2010	World Regional Geograhpy	0	3
ECED2010	Safe, Healthy Learning Environment	0	3				
Elective		1	0				
	Total	15	14		Total	16	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

Dr. Susan Gore, Interim Department Chairperson - Bartoo Hall 311, Phone: (931) 372-3181

Junior Year			Senior Year		
ART3200	Art Applications I	2	EXPW4520	Special Physical Education	3
CFS3600	Family, Community & Professional Partnerships	2	SPED4871	Residency I	5
FOED3010	Integrating Instructional Technology into the Classroom	3	SPED4872	Professional Seminar I	5
MUS 1074	Music to Meet Exceptional Ed Needs	1	SPED4881	Residency II	10
READ3311	Literacy I	7	SPED4882	Professional Seminar II	2
SPED3020	Characteristics/Needs of Persons w/ Dis	3			
SPED3031	Physical Management & Support for Ortho. & Special Health Impaired	3			
SPED4030	Applied Behavior Analysis for Teachers	3			
SPED4200	Autism Disorders	3			
SPED Electives		8			
	Total	35		Total	25

¹Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/transfers/transfertablesagreements/

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

**EARLY CHILDHOOD EDUCATION/PRE K-3
EARLY CHILDHOOD SPECIAL EDUCATION/PRE K-3**

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year		F	SP	Sophomore Year		F	SP
BIOL 1030	Essentials of Biology	4	0	ENGL Literature		3	3
PSCI 1030	Intro to Physical Science	0	4	HED 200	First Aid and Safety/CPR	3	0
SPCH 1010 or 103	Fund. of Speech Communication or Public Speaking	0	3	HED 220	Principles of Nutrition	0	3
EDU 101	Introduction to Education	3	0	HIST 2010, 2020	Survey of American History I, II	3	3
ENGL 1010, 1020	English Composition I, II	3	3	GEOL 1030	Essentials of Geology	0	4
GEOG 1030	Cultural Geography	0	3	MATH 1410, 1420	Structure of Math Systems I, II	3	3
PHED	Physical Education	1	1	SOCI 1010	Introduction to Sociology	3	0
ART or MUS 1030		3	0				
Elective ¹		0	1				
	Total	14	15	Total		15	16

TENNESSEE TECHNOLOGICAL UNIVERSITY

Dr. Susan Gore, Interim Department Chairperson - Bartoo Hall 311, Phone: (931) 372-3181

Junior Year			Senior Year		
CFS 2400, 2410	Children with Special Needs, Practicum		CFS 3600	Family, Community & Professional Partnership	2
ECSP 3001	Curriculum for Infants, Toddlers, and Preschoolers	4	ECSP 4000	Developmentally Appropriate Practices Birth-Preschool	3
ECSP 3200, 3211	Procedures for Infants, Toddlers & Preschoolers; Practicum	3	ECSP 4100	Developmentally Appropriate Practices: K-4	3
ECED 3300, 3310	Concepts for Young Children, Practicum	4	ECSP 4300	Assessment of Young Children	3
FOED 3810	Field Experiences in Education	4	FOED 3010	Integrating IT into the Classroom	3
HEC 1010	Life Span Development	1	READ 3311	Literacy I	7
HEC 2060	The Family System	3	ECSP 4870	Student Teaching	5
HEC 2200	Development of Young Children	2	ECSP 4880	Student Teaching	5
HEC 3520	Parenting and Child Guidance	3	ECSP 4890	Sem/Student Teaching	2
MUS 1074	Music to Meet Except. Ed Needs	2			
	Total	27	Total		33

¹Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/transfers/transfertablesagreements/

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

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

**MULTIDISCIPLINARY STUDIES: ELEMENTARY EDUCATION
(K-6LICENSURE)**

Associate of Science in Teaching

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year		F	SP	Sophomore Year		F	SP
BIOL 1030	Essentials of Biology	4	0	EDU264	Education of Exceptional Children	3	0
SPCH 1010 or 103	Fund. of Speech Communication or Public Speaking	0	3	ENGL2110	American Literature to 1865	3	0
EDU101	Introduction to Education	3	0	ENGL2120, 2310 or 2320		0	3
EDU2200	Educational Psychology	0	3	GEOG2010	World Regional Geography	0	3
ENGL 1010, 1020	English Composition I, II	3	3	HIST 2010, 2020	Survey of American History I, II	3	3
POLS 1030 or SOCI 1010		3	0	MATH 1410, 1420	Structure of Math Systems I, II	3	3
MATH 1010	Math for Liberal Arts	3	0	GEOL 1030	Essentials of Geology	4	0
ART or MUS 1030		0	3	PSCI 1030	Intro to Physical Science	0	4
	Total	16	12		Total	16	16

TENNESSEE TECHNOLOGICAL UNIVERSITY

Dr. Susan Gore, Interim Department Chairperson - Bartoo Hall 311, Phone: (931) 372-3181

Junior Year			Senior Year		
CFS 3600	Family, Community & Professional Partnerships		ELED4871	Residency I	5
CUED4850	Workshop in Education	2	ELED4872	Professional Seminar I	5
ECSP4100	Developmentally Appropriate Practices: K-4	3	ELED4881	Residency II	10
ESLP4100	ESL Methodology and Materials for PreK-12	3	ELED4882	Professional Seminar II	2
ELED3140	Teaching of Social Studies	2		Electives	3
ELED3151	Teaching of Language Arts and Writing	2			
ELED3152	Teaching of Mathematics	3			
ELED4140	Science for Elementary Teachers	2			
MUS 3530	Music Applications	3			
ART 3200	Art Applications I	2			
FOED3010	Integrating IT into the Classroom	3			
READ3311	Literacy I	7			
	Total		35	Total	25

Must provide evidence of first aid/safety/CPR training as prerequisite for student teaching.

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

**MULTIDISCIPLINARY STUDIES: MIDDLE SCHOOL
(4-8 LICENSURE)**

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year		F	SP	Sophomore Year		F	SP
BIOL 1030	Essentials of Biology	4	0	PSCI1030	Introduction to Physical Science	4	0
GEOL1030	Essentials of Geology	0	4	Humanities/Fine Arts Elective		3	0
SPCH1010 or 103	Fund. of Speech Communication or Public Speaking	0	3	ENGL Literature		3	3
EDU101	Introduction to Education	3	0	GEOG1030	Cultural Geography	0	3
EDU2200	Educational Psychology	0	3	HIST2010, 2020	Survey of American History I, II	3	3
ENGL1010, 1020	English Composition I, II	3	3	MATH1410, 1420	Structure of Math Systems I, II	3	3
Social/Behavioral	Science Elective	3	0	MATH1130	College Algebra	0	3
HIST1110	World Civilization from Primitive Culture to 1650	0	3				
Total		13	16	Total		16	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

Dr. Susan Gore, Interim Department Chairperson - Bartoo Hall 311, Phone: (931) 372-3181

Junior Year			Senior Year	
ART 3200 or MUS 3530	Workshop in Education	2-3	HEC3500	Development: Middle Childhood/ Adolescence
CUED4850	Teaching of Social Studies	3	ELED4871	Residency I
ELED3140	Teaching of Mathematics	2	ELED4872	Professional Seminar I
ELED3152	Science for Elementary Teachers	3	ELED4881	Residency II
ELED4140	ESL Methodology & Materials for PreK-12	2	ELED4882	Professional Seminar II
ESLP4100	Field Experiences in Education	3		
FOED3800	Integrating IT into the Classroom	2		
FOED3010	Books and Related Materials for Adolescents and Adults	3		
HIST3100 or 2030	Literacy I	3		
LSCI4570	Literacy I	7		
READ3311	Elective	2		
Total		35-36	Total	
			25	

Must provide evidence of first aid/safety/CPR training as prerequisite for student teaching.

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

COLLEGE OF ENGINEERING

DEPARTMENT OF CHEMICAL ENGINEERING

CHEMICAL ENGINEERING

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year	F	SP	Sophomore Year	F	SP
CHEM 1110, 1120	4	4	CHEM 2010, 2020	4	4
SPCH 1010 or 103			ENGL Literature	3	0
			HIST 2010, 2020	3	3
EGR 130	0	1	MATH 2110		
ENGL 1010, 1020	3	3		3	0
MATH 1910, 1920			MATH 2120	0	4
			PHYS 2110, 2120	4	4
Humanities/Fine Arts Elective	3	0	Humanities/Fine Arts Elective	3	0
Social/Behavioral Science Elective	0	3	Social/Behavioral Science Elective	0	3
Total	17	15	Total	20	18

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Transition

ENGR 1120	Programming for Engineers	2
	Total	2

Junior Year²

CHE 2011	Chemical & Biological Engineering Process Analysis	4
CHE 1510	Computer Applications in CHE	1
CHE 3010	Thermodynamics of Chemical Processes	3
CHE 3111	Transfer Science I: Conduction, Radiation, and Diffusion	4
CHE 3021	Separations and Solution Thermodynamics	4
CHE 3121	Transfer Science II: Fluid Mechanics	4
CHE 3730	CHE Operations	3
CEE 2110, ECE 3810 or BIOL 3200		3
Technical Elective ³		3
Total		29

Senior Year

CHE 4131	Transfer Science III: Diffusion and Diffusive-Convective Mass Transfer	4
CHE 4210	Chemical Reaction Engineering	4
CHE 4240	CHE Capstone Laboratory	1
CHE 4410, 4420	Process Design I, II	6
CHE 4540	Process Dynamics & Control	3
ChE Technical Electives ⁴		6
CHE 4910	Professionalism and Ethics in CHE	1
CHEM 3510, 3520	Physical Chemistry	8
Total		33

¹American History 2010, 2020 are not required for B.S. 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 & Biological Processes
- c. ChE 4950--MEMS
- d. ChE 4990--Undergraduate to Research

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

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING
COMPUTER ENGINEERING

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year		F	SP	Sophomore Year		F	SP
ENGL 1010, 1020	English Composition I, II	3	3	ENGL Literature		3	3
MATH 1910, 1920	Calculus and Analytic Geometry I, II	4	4	SPCH 1010 or 103	Fund. of Speech Communication or Public Speaking	0	3
CHEM 1110	General Chemistry I	4	0	PHYS 2110, 2120	Calculus-Based Physics I, II	4	4
	Humanities/Fine Arts Elective	0	3	MATH 2120	Differential Equations	0	4
	Social/Behavioral Science Elective	0	3	MATH 2110	Calculus and Analytic Geometry III	3	0
HIST 2010, 2020	Survey of American History I, II ¹	3	3		Humanities/Fine Arts Elective	3	0
					Social/Behavioral Science Elective	0	3
Total		14	16	Total		13	17

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 3300	Electronics I	3
CSC 2500	Unix Lab	1	ECE 3160	Digital Systems Laboratory	1
ECE 2010	Electric Circuits I	3	ECE 3910	Probability & Random Variables in ECE	3
ECE 2011	EE Lab I	1	ECE 3120	Microcomputer Systems	3
ECE 2020	Electric Circuits II	3	CSC 2400	Design of Algorithms	3
ECE 2110	Intro to Digital Systems	3	CSC 3030	Practical and Professional Issues in Computer Science	1
ECE 3020	Discrete-Time Signals and Systems	3	CSC 4200	Computer Networks	3
ECE 3060	EE Lab II	1	ECE 4910	Professional Issues in ECE	1
MATH 2010, 2011	Elementary Matrix Algebra, Lab	3			
MATHElective ²		3			
Total		29	Total		21

Fifth Year		
ECE 4961, 4970	Capstone Design I, II	5
ECE 4110	Sequential Logic Design	3
ECE 4120	Fundamentals of Computer Design	3
ECE 4140	Embedded System Design	3
ECE Laboratory Elective ²		1
ECE Elective ²		3
Comp. Eng. Elective ²		3
CSC 4100	Operating Systems	3
CSC Elective ²		3
Total		27

¹American History 2010, 2020 are not required for B.S. 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***VOLUNTEER STATE COMMUNITY COLLEGE*

Freshman Year		F	SP	Sophomore Year		F	SP
CHEM 1110	General Chemistry I	4	0	ECON 2020	Macroeconomics	0	3
SPCH 1010 or 103	Fund. of Speech Communication or Public Speaking	3	0	ENGL Literature		3	0
ENGR 101, 102	Engineering Graphics w/CAD I, II	3	3	HIST 2010, 2020	Survey of American History I, II	3	3
ENGL 1010, 1020	English Composition I, II	3	3	MATH 1910	Calculus and Analytic Geometry I	0	4
MATH 1710, 1720	Pre-Calculus I, II	3	3	PHYS 2010, 2020 or 2110, 2120		4	4
INFS 1010 or ECON 2010 ¹		0	3	Humanities/Fine Arts Electives		3	3
				PSYC 1030	General Psychology	3	0
	Total	16	13	Total		16	17

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Dr. Ahmed Elsayw, Department Chairperson - Lewis Hall 107, Phone: (931) 372-3263
(Recommend the advisor be contacted prior to transfer.)

Transition

ENGR 1120	Programming for Engineers	2
	Total	2

Junior Year

MIT 1110	Intro to Manufacturing Technology	3
MIT 2000	Occupational Safety	2
MIT 2063	Metal Manufacturing Technology	3
MIT 2400	Statics and Strength of Materials	3
MIT 3130	Maintenance Technology I	3
MIT 3200	Applied Electricity and Electronics	3
MIT 3301	CAD for Technology	2
MIT 3700	Manufacturing Cost Estimating	2
MIT 3710	Methods Design	2
MIT 3730	Quality Assurance	2
ECON 3610	Business Statistics I	3
ME 3110	Physical Metallurgy & Heat Treatment	3

Total 31

Senior Year

ACCT 3720	Survey of Accounting	3
BMGT 3510	Management & Organization Behavior	3
DS 3520	Operations Management	3
MIT 3060	CNC Machining	3
MIT 3403	Machine Elements for Technologists	3
MIT 4200	Industrial Electronics	3
MIT 4310	Plant Layout & Materials Handling	3
MIT 4610	IT Seminar	1
MIT 4620	Industrial Projects	3
Technical Elective ²		6

Total 29

¹ Business Elective

² Technical Electives: MIT 3010, 3080, 3560, 4010, 4060, 4070, 4140, 4210, 4300, 4400, 4430, 4450, 4500, 4990; ECE 3835 or ME 4430.

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

SCHOOL OF INTERDISCIPLINARY STUDIES AND EXTENDED EDUCATION

INTERDISCIPLINARY STUDIES (B.S.) (LIST)

Organizational Development: Psychology and Human Behavior

VOLUNTEER STATE COMMUNITY COLLEGE

Freshman Year	F	SP	Sophomore Year	F	SP
Natural Sciences	4	4	ENGL Literature	3	0
SPCH 1010 or 103			HIST 2010, 2020	3	3
			Survey of American History I, II	3	3
			Humanities/Fine Arts Electives	3	3
ENGL 1010, 1020	3	3	Electives ²	6	9
MATH ¹	0	3			
PSYC 1030					
SOCI 1010	3	3			
Electives ²	2	2			
Total	15	15	Total	15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

Advisor: Tammy Boles, Jere Whitson, Phone (931) 372-3394

Junior Year		Senior Year			
BMGT 3510	Management & Org. Behavior	3	BMGT 3630	Human Resource Management	3
PSY 3000	Problem Solving	3	FOED 3310	Micros in Employment/Ed	2
PSY 3000-4000 Elective		3	FOED 4340	Technology for Presentations	3
PSY 3400	Industrial Psychology	3	LAW 3810	Legal Environment of Business	3
PSY 3410	Group Dynamics	3	LIST 4850	Topics in Org Development	3
PSY 4150	Psychology of Personality	3	MIT 3710	Methods Design	2
PSY 4923	Special Topics: Multi-Culti Issues	3	MIT 3730	Quality Assurance	2
SOC 3300	Occupational Sociology	3	MIT 4010	Industrial Communications	3
SOC 4430	People in Organizations	3	MIT 3000-4000 Upper Division		2-3
			SPAN 3550	Latin America: Country/People	3
			UNIV 4114	PRST/LIST Internship	4
			UNIV 4996	PRST/LIST Projects	4
Total		27	Total		33-34

¹Select from the General Education Core.

²Courses must be selected from the VSCC/TTU Transfer Equivalency table www.tntech.edu/transfers/transfertablesagreements/

The BS/LIST degree requires a minimum of 120 hours. Students without an Associate's degree may need to take electives or prerequisite credits.

DEGREE REQUIREMENTS

Students holding an A.S., A.A. and A.A.S. degrees: The B.S. degree requires a minimum of 120 hours, 60 hours must transfer as an A.S., A.A. or A.A. S. degree, and **60 hours minimum must be taken at a four-year institution.** Students must have a minimum of 45 hours at the 3000 or 4000 level with at least 12 of these hours at the 4000 level. To meet residence requirements, a student must complete 30 hours, including 24 of the last 30 hours of 3000 and 4000 level courses, at TTU.

PREREQUISITE REQUIREMENTS

Students holding A.A.S. degrees: The general education requirements for TTU must be met, some of which are included in the degree plan above. In addition, if these requirements were not included in the A.A.S. degree, they must be taken: English Composition, 3 hours; Oral Communication (speech-based), 3 hours; Math, 3 hours (requiring 2 years of Algebra and 1 year of Geometry in high school); Humanities/Fine Arts, 3 hours; Social/Behavioral Sciences, 6 hours; and Natural Sciences, 8 hours.

Students holding A.S. or A.A. degrees: The general education requirements for TTU must be met.

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.