

# TRANSFER AGREEMENT

2014-15

Motlow State Community College

Tennessee Technological University

*Use this as a guide to make your way through Motlow 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 Motlow 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 Motlow State.
3. Students entering Motlow State must meet all the standards and follow the procedures of the current Motlow 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 students will complete an associate degree at Motlow State before entering Tennessee Tech. Students not completing an associate degree will have their applications evaluated as any other transfer student.
6. In some cases, individual programs at Tennessee Tech have specific requirements for admissions which supersede all others.

### **Admissions Standards**

Under this agreement, in order to be eligible for admission to Tennessee Tech, you must have an associate degree from Motlow State and a minimum 2.0 grade point average. Students not completing an associate degree will have their applications evaluated as any other transfer student. In selected majors, a higher grade point average is required for admission. Check the curricular requirements for the major of your choice for additional information.

### **Application**

1. Complete the Undergraduate Application form online at [www.tntech.edu/transfers/apply](http://www.tntech.edu/transfers/apply). You can pay the \$25 nonrefundable application fee online after completing the application. If you do not pay online at this time mail a check/money order for \$25 to the Office of Admissions, Tennessee Technological University, P.O. Box 5006; Cookeville, Tennessee 38505. The application deadline for receipt of the admission application, application fee, test scores (ACT/SAT) and official transcripts is August 1 for fall entry, December 1 for spring entry and May 1 for summer entry. Admission decisions are not made unless all items have been received.
2. Request official transcripts from all institutions previously attended and a partial transcript if presently enrolled in another institution. Request the final transcript when grades have posted for the term. Transcripts of all work attempted at the college level is required.
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 earned in the course. For example, an "A" is transferred as an "A," and an "F" is transferred as an "F." We are not on the +/- system. Effective

summer 2015, changes will be made for awarding transfer credit.

4. Students who have NOT earned a bachelor's degree should submit a high school transcript or GED scores. Students who have not successfully completed college level 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. Admission decisions will be mailed to the address provided by the student.

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

### **Expenses**

For the list of current fees, check the Bursar's web site at [www.tntech.edu/bursar/](http://www.tntech.edu/bursar/)

### **Scholarship Information**

Scholarship opportunities are available for transfer students. For scholarship information, check the scholarship web site at [www.tntech.edu/scholarships/](http://www.tntech.edu/scholarships/) The scholarship deadline date is December 15 for the next academic year.

## Undergraduate Colleges and Departments

### College of Agriculture and Human Ecology

School of Agriculture  
School of Human Ecology

### College of Arts and Sciences

Biology  
Chemistry  
Communication  
Earth Sciences  
English  
Foreign Languages  
History  
Mathematics  
Physics  
Sociology and Political Science

### College of Business

Accounting  
Decision Sciences and Management  
Economics, Finance and Marketing

### College of Education

Art  
Counseling and Psychology  
Curriculum and Instruction  
Exercise Science, Physical Education & Wellness  
Music

### College of Engineering

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

### College of Interdisciplinary Studies

### School of Nursing

## Questions? Then Contact

Academic Records	Registrar, Derryberry Hall 102	372-3317
Admissions	Admissions Office, Derryberry Hall 209	372-3888
Athletics	Athletics, Hooper Eblen 300	372-3940
Auto Registration	University Police	372-3234
Bills	Business Office, Derryberry Hall 100	372-3311
Books and Supplies	University Store, University Center G-7	372-3131
College of		
Agriculture and Human Ecology	Dean's Office	372-3149
Arts and Sciences	Dean's Office, Henderson Hall 202	372-3118
Student Success Center, Henderson Hall 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 103	372-6336	
Engineering	Dean's Office, Clement Hall 201	372-3172
School of Interdisciplinary Studies	Dean's Office, Henderson Hall Room 3	372-3394
School of Nursing	Academic Advisors, Nursing & Health Services	372-3229
Counseling	Counseling Center, University Center 307	372-3331
Financial Aid	Financial Aid Office, University Center 214	372-3073
Fraternities	Student Organizations Office, University Center 234	372-3236
Housing	Office of Residential Life, MS Cooper 217	372-3414
Religious Opportunity	Student Organizations Office, University Center 234	372-3236
Student Government	Student Organizations Office, University Center 234	372-3236
Student Organizations	Student Organizations Office, University Center 234	372-3236
Teacher Certification	College of Education, Bartoo Hall 301	372-3170
Veteran Certification	Registrar, Derryberry Hall 102	372-3317

Child Development and Family Relations Concentration

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
Natural Science <sup>2</sup>	4	4	ECED 2360 Development of Exceptional Children	0	3
ENGL 1010, 1020 English Composition I, II	3	3	ECED 2365 Final Practicum	3	0
Humanities/Fine Arts Elective	0	3	SPCH 1010 Fundamentals of Speech	3	0
MATH	0	3	ENGL Literature	0	3
SOCI 1010 Introduction to Sociology	3	0	HIST 2010, 2020 Survey of American History I, II	3	3
ARTA or MUSA 1030	3	0	PSYC 2140 Psychology of Human Sexuality	3	0
PSYC 1030 General Psychology	0	3	Elective <sup>1</sup>	3	3
<b>Total</b>	<b>16</b>	<b>16</b>	<b>Total</b>	<b>15</b>	<b>12</b>

TENNESSEE TECHNOLOGICAL UNIVERSITY

HUMAN ECOLOGY (Child Development and Family Relations Concentration) -  
BACHELOR OF SCIENCE DEGREE

Director: Dr. Melinda Anderson; School of Human Ecology

Phone: (931) 372-3157

Junior Year	Senior Year
CFS 2410 Practicum: Young Children with Special Needs	HEC 3660 Interpersonal Relationships 3
ECSP 3001 Curriculum for Infants, Toddlers & Preschoolers	HEC 3700 Development: Young Adulthood/Aging 3
ECSP 3211 Practicum: Procedures for Infants, Toddlers and Preschoolers	HEC 4000 Senior Seminar in Human Ecology 1
HEC 1005 Introduction to Human Ecology	HEC 4065 Social Policy for Children and Families 3
HEC 1020 Social and Professional Etiquette	HEC 4600 Theories in Family Development & Relationships 3
HEC 1030 Introduction to Nutrition	HEC 4610 Families: Normative/Catastrophic Issues 3
HEC 2065 Families in Society	HEC 4630 Family Life Education 3
HEC 2510 Creative Play	HEC 4990 Internship 6
HEC 3011 Consumer Economics	ECSP 4300 Assessment of Young Children 3
HEC 3066 Family Violence across the Lifespan	HEC Electives <sup>3</sup> 3
HEC 3500 Development: Middle Childhood/Adolescence	
HEC 3520 Parent Education & Child Guidance	
HEC Core	
SOC 3650 Juvenile Delinquency	
UNIV 1020 First-Year Connections	
<b>Total</b>	<b>Total 31</b>

<sup>1</sup>Elective courses must be selected from Motlow State/TTU Transfer Equivalency table [www.tntech.edu/transfers/transferablesagreements/](http://www.tntech.edu/transfers/transferablesagreements/)

<sup>2</sup>**Natural Science**

BIOL 1030, GEOL 1030 and PSCI 1030 OR BIOL 1110, 1120 OR BIOL 2010 2020

**HEC Core**

HEC 1010 Life Span Development	3
HEC 2031 Aspects of Dress	3
HEC 2041 Aspects of Housing & Furnishings	3

<sup>4</sup>Total credit hours for program must total to 120 hours. Three hours must be upper-division.

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

10/14/14

HUMAN ECOLOGY

Family and Consumer Sciences Education Concentration

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
CHEM 1110, 1120	General Chemistry I, II	4	4	ECED 2310	Safe, Health, Learning Environments	3	0
ENGL 1010, 1020	English Composition I, II	3	3	ECED 2040	Family Dynamics and Community Involvement	0	3
Humanities/Fine Arts Elective		0	3	EDU 2110	The Psychology of Human Development and Learning	3	0
MATH 1010	Mathematics for General Studies	3	0	SPCH 1010	Fundamentals of Speech	0	3
ARTA 1030	Art Appreciation	3	0	ENGL Literature		0	3
Social/Behavioral Science Electives		3	3	HIST 2010, 2020	Survey of American History I, II	3	3
Elective		0	3	Electives <sup>1</sup>		3	4
Total		16	16	Total		12	16

TENNESSEE TECHNOLOGICAL UNIVERSITY  
 HUMAN ECOLOGY (Family and Consumer Sciences Education Concentration) -  
 BACHELOR OF SCIENCE DEGREE

Director: Dr. Melinda Anderson; School of Human Ecology  
 Phone: (931) 372-3157

Junior Year			Senior Year		
HEC 1000	Introduction to Human Ecology	1	HEC 3500	Development: Middle Childhood/Adolescence	3
HEC 1010	Life Span Development	3	HEC 4000	Senior Seminar in Human Ecology	1
HEC 1020	Social and Professional Etiquette	1	FOED 3010	Integrating Instructional Technology into the Classroom	3
HEC 1030	Introduction to Nutrition	2	READ 3350	Teaching Reading in the Content Areas	3
HEC 1300	Clothing Construction	3	HEC 4871	Residency I	5
HEC 2031	Aspects of Dress	3	HEC 4872	Professional Seminar I	5
HEC 2065	Families in Society	3	HEC 4881	Residency II	10
HEC 2240	Food Preparation & Management	4	HEC 4882	Professional Seminar II	2
HEC 2421	Architectural Graphics and Presentation Techniques	3			
HEC 2800	Introduction to Teaching Family & Consumer Sciences	3			
HEC 3011	Consumer Economics	3			
HEC 3520	Parent Education & Child Guidance	2			
HEC 3805	Materials & Methods of Teaching Family & Consumer Sciences Education	3			
HEC 3812	Materials and Methods of Teaching Family and Consumer Sciences	1			
SPED 3000	Teaching Persons with Disabilities in the Regular Classroom	3			
UNIV 1020	First-Year Connections	1			
Total		39	Total		32

<sup>1</sup>Elective courses must be selected from Motlow State/TTU Transfer Equivalency table [www.tntech.edu/transfers/](http://www.tntech.edu/transfers/)

# HUMAN ECOLOGY

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## Food, Nutrition & Dietetics Concentration Dietetics Option

### MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
CHEM 1110, 1120 General Chemistry I, II	4	4	BIOL 1110 General Biology I	4	0
ENGL 1010, 1020 English Composition I, II	3	3	BIOL 2010, 2020 Anatomy and Physiology I, II	4	4
			SPCH 1010 Fundamentals of Speech	0	3
Humanities/Fine Arts Electives	3	3	ENGL Literature	0	3
MATH 1530 Elementary Statistics	3	0	HIST 2010, 2020 Survey of American		
PSYC 1030 Introduction to Psychology	3	0	History I, II	3	3
SOCI 1010 Introduction to Sociology	0	3	Elective <sup>1</sup>	2	0
Total	16	13	Total	12	13

### TENNESSEE TECHNOLOGICAL UNIVERSITY

HUMAN ECOLOGY (Food, Nutrition & Dietetics Concentration) - BACHELOR OF SCIENCE DEGREE

Director: Dr. Melinda Anderson; School of Human Ecology

Foundation Hall, Phone: (931) 372-3157

Junior Year		Senior Year	
BIOL 3230 Health Science Microbiology	4		
CHEM 3005 Elementary Organic Chemistry	4	BMGT 3510 Management & Organization	
CHEM 4500 Physiological Chemistry	3	Behavior	3
HEC 1005 Introduction to Human Ecology	1	HEC 3240 Quantity Food Production	4
HEC 1010 Life Span Development	3	HEC 4000 Senior Seminar in Human Ecology	1
HEC 1020 Social and Professional Etiquette	1	HEC 4200 Advanced Nutrition	3
HEC 2020 Nutrition	3	HEC 2210 Medical Terminology for the Human	
HEC 2031 or 2041	3	Sciences	1
HEC 2065 Families in Society	3	HEC 4241 Legal Issues in Food Service	
HEC 2240 Food Preparation & Management	4	Management	2
HEC 3011 Consumer Economics	3	HEC 4242 Food Systems Administration	3
HEC 3201 Community Nutrition	3	HEC 4271 Medical Nutrition Therapy	3
HEC 3270 Nutrition in Disease	3	HEC 4272 Clinical Dietetics	3
HEC 3290 Nutrition through the Life Cycle	3	HEC 4940 Nutrition, Fitness and Wellness	2
		HEC 4994 Field Experience--Health Care*	3
		MATH 1130 College Algebra	3
Total	41	Total	31

<sup>1</sup>Elective courses must be selected from Motlow State/TTU Transfer Equivalency table [www.tntech.edu/transfers/transfertablesagreements/](http://www.tntech.edu/transfers/transfertablesagreements/)

\*Requires professional liability insurance (additional fee), background check (additional fee), proof of insurance, and proof of immunization before entering HEC 4994.

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

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HUMAN ECOLOGY

Food, Nutrition & Dietetics Concentration  
Food Systems Administration Option

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
CHEM 1110, 1120	General Chemistry I, II	4	4	ACCT 1010	Principles of Accounting I	3	0
ENGL 1010, 1020	English Composition I, II	3	3	BIOL 1110	General Biology I	4	0
Humanities/Fine Arts Electives		3	3	ECON 2020	Microeconomics	3	3
MATH 1530	Elementary Statistics	3	0	SPCH 1010	Fundamentals of Speech	0	3
PSYC 1030	Introduction to Psychology	3	0	ENGL Literature		0	3
SOCI 1010	Introduction to Sociology	0	3	HIST 2010, 2020	Survey of American History I, II	3	3
Electives		0	3	Electives		3	0
Total		16	16	Total		13	13

TENNESSEE TECHNOLOGICAL UNIVERSITY

HUMAN ECOLOGY (Food, Nutrition & Dietetics Concentration) - BACHELOR OF SCIENCE DEGREE

Director: Dr. Melinda Anderson; School of Human Ecology

Phone: (931) 372-3157

Junior Year			Senior Year		
BIOL 3230	Health Science Microbiology	4	BMGT 3510	Management & Organization Behavior	3
HEC 1005	Introduction to Human Ecology	1	BMGT 3630	Human Resource Management	3
HEC 1010	Life Span Development	3	HEC 3290	Nutrition through the Life Cycle	3
HEC 1020	Social and Professional Etiquette	1	HEC 4000	Senior Seminar in Human Ecology	1
HEC 2020	Nutrition	3	HEC 4242	Food Systems Administration	3
HEC 2031 or 2041		3	HEC 4940	Nutrition, Fitness and Wellness	2
HEC 2065	Families in Society	3	HEC 4995	Field Experience--Food Systems	6
HEC 2240	Food Preparation & Management	4	MATH 1130	College Algebra	3
HEC 3011	Consumer Economics	3	MKT 3310 or 3400		3
HEC 3240	Quantity Food Production	4			
HEC 3270	Nutrition in Disease	3			
UNIV 1020	First-Year Connections	1			
Electives (3 Upper-Division)		3			
Total		36	Total		27

<sup>1</sup>Elective courses must be selected from Motlow State/TTU Transfer Equivalency table [www.tntech.edu/transfers/transfertablesagreements/](http://www.tntech.edu/transfers/transfertablesagreements/)

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



Merchandising and Design Concentration

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
CHEM 1110, 1120	General Chemistry I, II	4	4	ACCT 1010	Principles of Accounting I	3	0
ENGL 1010, 1020	English Composition I, II	3	3	ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
	Humanities/Fine Arts Electives	3	3	SPCH 1010	Fundamentals of Speech	0	3
MATH 1010	Mathematics for General Studies	3	0	ENGL Literature		0	3
PSYC 1030	Introduction to Psychology	3	0	HIST 2010, 2020	Survey of American History I, II	3	3
SOCI 1010	Introduction to Sociology	0	3	MATH 1530	Elementary Statistics	3	0
				Elective		0	1
Total		16	13	Total		12	13

TENNESSEE TECHNOLOGICAL UNIVERSITY

HUMAN ECOLOGY (Merchandising and Design Concentration) - BACHELOR OF SCIENCE DEGREE

Director: Dr. Melinda Anderson; School of Human Ecology

Phone: (931) 372-3157

Junior Year			Senior Year		
HEC 1005	Introduction to Human Ecology	1	HEC 2300, 3300, 4300 or 4301	6	
HEC 1300	Clothing Construction	3	HEC 3305	Fashion Forecasting	2
HEC 2031	Aspects of Dress	3	HEC 4000	Seminar in Human Ecology	1
HEC 2065	Families in Society	3	HEC 4320	Merchandise Promotion & Advertising	3
HEC 2311	Practicum: Merchandising & Design	1	HEC 4360	Merchandising II	3
HEC 2320	Analysis of Apparel and Furnishings	3	HEC 4600; IBC 4980 or 4990; SOC 3150; or PSY 3300, PSY 3400, or 3410		3
HEC 3011	Consumer Economics	3	HEC 4990	Internship	6
HEC 3310	Textiles I	3	Upper Division Business Elective		3
HEC 3320	Textiles II	3			
HEC 3350	Merchandising I	3			
HEC 4340	History of Dress	3			
HEC Core		6			
MKT 3400	Principles of Marketing	3			
UNIV 1020	First-Year Connections	1			
	Total	39	Total		27

<sup>1</sup>Elective courses must be selected from Motlow State/TTU Transfer Equivalency table [www.tntech.edu/transfers/transferablesagreements/](http://www.tntech.edu/transfers/transferablesagreements/)

**HEC Core**

HEC 1010	Life Span Development	3
HEC 1020	Social Intelligence	1
HEC 1030 or 2020		2-3

HEC 2041 Aspects of Housing and Furnishings 3

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

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# COLLEGE OF BUSINESS

## BUSINESS MANAGEMENT - GENERAL MANAGEMENT

### MOTLOW STATE COMMUNITY COLLEGE

#### DEGREE: ASSOCIATE OF SCIENCE

Freshman Year			F	SP	Sophomore Year			F	SP
SPCH 1010	Fundamentals of Speech	3	0	ACCT 1010, 1020	Principles of Accounting I, II	3	3		
INFS 1010	Computer Applications	0	3	ECON 2010, 2020	Macroeconomics, Microeconomics	3	3		
ENGL 1010, 1020	English Composition I, II	3	3	ENGL Literature		3	0		
MATH 1530	Probability and Statistics	3	0	HIST 2010, 2020	Survey of American History I, II	3	3		
MATH 1830	Calculus for Business App.	0	3	Humanities/Fine Arts Elective		0	3		
Science		4	4	Non-Business Electives <sup>1</sup>		3	3		
Humanities/Fine Arts Elective		3	0						
Non-Business Elective <sup>1</sup>		0	1						
Total		16	14	Total		15	15		

### TENNESSEE TECHNOLOGICAL UNIVERSITY

#### BUSINESS MANAGEMENT (GENERAL MANAGEMENT OPTION) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Curtis Armstrong, Department Chairperson

Johnson Hall 306, Phone: (931) 372-3160

Junior Year			Senior Year		
BMGT 3510	Management & Organization Behavior	3	BMGT 3720	Business Communication I	3
BMGT 3600	International Management	3	BMGT 4520	Organizational Leadership	3
BMGT 3630	Human Resource Management	3	BMGT 4930	Business Strategy	3
DS 3620	Business Analytics: Data Driven Decision Making	3	BMGT Electives <sup>2</sup>		6
DS 3841	Management 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	LAW 3810	Business Legal Environment & Ethics	3
MKT 3400	Principles of Marketing	3	Non-Business Electives <sup>2</sup>		6
Business Electives <sup>2</sup>		3			
DS Elective		3			
Total		30	Total		30

<sup>1</sup>Non-business electives must be selected from the Motlow/TTU Transfer Equivalency table [www.tntech.edu/transfers/transfertablesagreements/](http://www.tntech.edu/transfers/transfertablesagreements/)

<sup>2</sup>Elective courses must be selected in consultation with the advisor.

## BUSINESS MANAGEMENT - HUMAN RESOURCE MANAGEMENT

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
SPCH 1010	Fundamentals of Speech	3	0	ACCT 1010, 1020	Principles of Accounting I, II	3	3
INFS 1010	Intro to Microcomputer	0	3	ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
ENGL 1010, 1020	English Composition I, II	3	3	ENGL Literature		0	3
MATH 1530	Probability and Statistics	3	0	HIST 2010, 2020	Survey of American History I, II	3	3
MATH 1830	Calculus for Business App. Science	0	3	Humanities/Fine Arts Elective		3	0
	Humanities/Fine Arts Elective	4	4	Non-Business Electives <sup>1</sup>		3	3
	Non-Business Elective <sup>1</sup>	3	0				
		0	1				
	<b>Total</b>	<b>16</b>	<b>14</b>	<b>Total</b>		<b>15</b>	<b>15</b>

TENNESSEE TECHNOLOGICAL UNIVERSITY  
 BUSINESS MANAGEMENT (HUMAN RESOURCE MANAGEMENT OPTION) -  
 BACHELOR OF SCIENCE DEGREE

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

Junior Year			Senior Year			
BMGT 3510	Management & Organization Behavior		3	BMGT 4100	Staffing	3
BMGT 3630	Human Resource Management	3		BMGT 4120	Compensation Administration	3
DS 3620	Business Analytics: Data Driven Decision Making	3		BMGT 4150	Employment and Labor Laws	3
DS 3841	Management Information Systems	3		BMGT 4610	Training and Development	3
ECON 3610	Business Statistics I	3		BMGT 4930	Business Strategy	3
FIN 3210	Principles of Managerial Finance	3		DS 3520	Operations Management	3
LAW 3810	Business Legal Environment & Ethics	3		ECON 3320, 3810 or 3820		3
MKT 3400	Principles of Marketing	3		Business Electives <sup>2</sup>		3
BMGT Electives		6		Non-Business Electives <sup>2</sup>		6
	<b>Total</b>	<b>30</b>	<b>30</b>	<b>Total</b>		<b>30</b>

<sup>1</sup>Non-business electives must be selected from Motlow State/TTU Transfer Equivalency table  
[www.tntech.edu/transfers/transfertablesagreements/](http://www.tntech.edu/transfers/transfertablesagreements/)

<sup>2</sup>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**

10/14/14

BUSINESS MANAGEMENT - BUSINESS AND INFORMATION TECHNOLOGY

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
SPCH 1010	Fundamentals of Speech	3	0	ACCT 1010, 1020	Principles of Accounting I, II	3	3
INFS 1010	Intro to Microcomputer	0	3	ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
ENGL 1010, 1020	English Composition I, II	3	3	ENGL Literature		0	3
MATH 1530	Probability and Statistics	3	0	HIST 2010, 2020	Survey of American History I, II, III	3	3
MATH 1830	Calculus for Business App.	0	3	Humanities/Fine Arts Elective		3	0
Science		4	4	Non-Business Electives <sup>1</sup>		3	3
Humanities/Fine Arts Elective		3	0				
Non-Business Elective <sup>1</sup>		0	1				
Total		16	14	Total		15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY  
 BUSINESS MANAGEMENT (MANAGEMENT INFORMATION SYSTEMS OPTION)-  
 BACHELOR OF SCIENCE DEGREE

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

Junior Year		Senior Year	
BMGT 3510	Management & Organization Behavior	3	3
DS 3620	Business Analytics: Data Driven Decision Making	3	3
DS 3841	Management Information Systems	3	3
DS 3850	Business Apps Development	3	3
DS 3860	Business Database Mgmt.	3	3
ECON 3610	Business Statistics I	3	3
FIN 3210	Principles of Managerial Finance	3	3
MKT 3400	Principles of Marketing	3	3
DS Elective		3	3
Non-Business Electives <sup>2</sup>		3	3
Total		30	30

<sup>1</sup>Elective courses must be selected from the Motlow State/TTU Transfer Equivalency table  
[www.tntech.edu/transfers/transfertablesagreements/](http://www.tntech.edu/transfers/transfertablesagreements/)

<sup>2</sup>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.**

## BUSINESS MANAGEMENT - PRODUCTION/OPERATIONS MANAGEMENT

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
SPCH 1010	Fundamentals of Speech	3	0	ACCT 1010, 1020	Principles of Accounting I, II	3	3
INFS 1010	Intro to Microcomputer	0	3	ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
ENGL 1010, 1020	English Composition I, II	3	3	ENGL Literature		0	3
MATH 1530	Probability and Statistics	3	0	HIST 2010, 2020	Survey of American History I, II	3	3
MATH 1830	Calculus for Business App.	0	3	Humanities/Fine Arts Elective		3	0
Science		4	4	Non-Business Electives <sup>1</sup>		3	4
Humanities/Fine Arts Elective		3	0				
Total		16	13	Total		15	16

TENNESSEE TECHNOLOGICAL UNIVERSITY  
 BUSINESS MANAGEMENT (PRODUCTION/OPERATIONS MANAGEMENT) -  
 BACHELOR OF SCIENCE DEGREE

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

Junior Year			Senior Year		
ACCT 3210	Cost Accounting	3	BMGT 4410	Conflict Management & Negotiation	3
BMGT 3510	Management & 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 <sup>2</sup>		6
DS 3620	Business Analytics: Data Driven Decision Making	3	DS or BMGT Electives <sup>2</sup>		6
DS 3841	Management Information Systems	3	MET Electives <sup>2</sup>		6
ECON 3610	Business Statistics I	3			
FIN 3210	Principles of Managerial Finance	3			
MKT 3400	Principles of Marketing	3			
Total		30	Total		30

<sup>1</sup>Elective courses must be selected from Motlow State/TTU Transfer Equivalency table  
[www.tntech.edu/transfers/transfertablesagreements/](http://www.tntech.edu/transfers/transfertablesagreements/)

<sup>2</sup>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.**

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FINANCE

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
SPCH 1010	Fundamentals of Speech	3	0	ACCT 1010, 1020	Principles of Accounting I, II	3	3
INFS 1010	Intro to Microcomputer	0	3	ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
ENGL 1010, 1020	English Composition I, II	3	3	ENGL Literature		0	3
MATH 1530	Probability and Statistics	3	0	HIST 2010, 2020	Survey of American History I, II	3	3
MATH 1830	Calculus for Business App. Science	0	3	Humanities/Fine Arts Elective		3	0
Humanities/Fine Arts Elective		3	0	Non-Business Electives <sup>1</sup>		0	3
Non-Business Elective <sup>1</sup>		0	1				
Total		16	14	Total		15	15

TENNESSEE TECHNOLOGICAL UNIVERSITY  
FINANCE - BACHELOR OF SCIENCE DEGREE  
Advisor: Dr. Steve Isbell, Department Chairperson  
Johnson Hall 216, Phone: (931) 372-3745

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

<sup>1</sup>Elective courses must be selected from the Motlow State/TTU Transfer Equivalency table  
[www.tntech.edu/transfers/transfertablesagreements/](http://www.tntech.edu/transfers/transfertablesagreements/)

<sup>2</sup>Elective courses must be selected in consultation with the advisor.

## MARKETING

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
SPCH 1010	Fundamentals of Speech	3	0	ACCT 1010, 1020	Principles of Accounting I, II	3	3
INFS 1010	Intro to Microcomputer	0	3	ECON 2010, 2020	Macroeconomics, Microeconomics	3	3
ENGL 1010, 1020	English Composition I, II	3	3	ENGL Literature		0	3
MATH 1530	Probability and Statistics	3	0	HIST 2010, 2020	Survey of American History I, II	3	3
MATH 1830	Calculus for Business App. Science	0	3	Humanities/Fine Arts Elective <sup>2</sup>		3	0
	Humanities/Fine Arts Elective <sup>2</sup>	3	0	Non-Business Electives <sup>1</sup>		3	3
	Non-Business Elective <sup>1</sup>	0	1				
	<b>Total</b>	<b>16</b>	<b>14</b>	<b>Total</b>		<b>15</b>	<b>15</b>

TENNESSEE TECHNOLOGICAL UNIVERSITY  
 MARKETING - BACHELOR OF SCIENCE DEGREE

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

Junior Year			Senior Year		
MKT 3400	Principles of Marketing	3	MKT 4620	Marketing Research	3
	Marketing Elective <sup>2</sup>	3	MKT 4730	Marketing Strategy	3
BMGT 3510	Management and Organization Behavior	3		Marketing Electives <sup>2</sup>	12
DS 3520	Operations Management	3	BMGT 4930	Business Strategy	3
DS 3620	Business Analytics: Data Driven Decision Making	3	LAW 3810	Business Legal Environment & Ethics	3
DS 3841	Management Information Systems	3		Business Elective <sup>2</sup>	3
ECON 3320, 3810 or 3820		3		Non-Business Electives <sup>2</sup>	3
ECON 3610	Business Statistics I	3			
FIN 3210	Principles of Managerial Finance	3			
	Non-Business Elective <sup>2</sup>	3			
	<b>Total</b>	<b>30</b>	<b>Total</b>		<b>30</b>

<sup>1</sup>Elective courses are to be selected from Motlow State/TTU Transfer Equivalency table  
[www.tntech.edu/transfers/transfertablesagreements/](http://www.tntech.edu/transfers/transfertablesagreements/)

<sup>2</sup>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.**

10/14/14

## COLLEGE OF EDUCATION

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

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

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

All requirements for admission to the Teacher Education Program must be completed by the designated deadline. Students will not be allowed to enroll in any upper division professional education courses without obtaining full admission to the program. A detailed list of requirements, deadlines, and links to all required forms can be found here <https://www.tntech.edu/education/teachered/admission-to-tep/>. Forms cannot be submitted online without a TNumber.

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

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



## OFFICE OF TEACHER EDUCATION

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

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

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

All requirements for admission to the Teacher Education Program must be completed by the designated deadline. Students will not be allowed to enroll in any upper division professional education courses without obtaining full admission to the program. A detailed list of requirements, deadlines, and links to all required forms can be found here <https://www.tntech.edu/education/teachered/admission-to-tep/>. Forms cannot be submitted online without a TNumber.

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

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

10/14/14

SPECIAL EDUCATION COMPREHENSIVE (K-12 LICENSURE)

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year				Sophomore Year			
		F	SP			F	SP
Humanities/Fine Arts Elective		3	0	SPCH 1010	Fundamentals of Speech	0	3
BIOL 1030	Introduction to Biology	4	0	ECED 2310	Safe, Healthy, Learning Environment	0	3
EDU 1120	Teaching and Technology	0	3	ENGL 2230, or 2310 or 2320	British or World Literature	3	0
EDU 2110	Psychology of Human Development & Learning	3	0	ENGL 2130	American Literature	0	3
ENGL 1010, 1020	English Composition I, II	3	3	GEOG 1030	Cultural Geography	3	0
GEOL 1030	Survey of Geology	0	4	HIST 2010, 2020	Survey of American History I, II	3	3
MATH 1410	Number Concepts for Elem Ed	3	0	PSCI 1030	Intro to Physical Science	0	4
MATH 1420	Geometry for Elem Ed	0	3	Social/Behavioral Science Elective		3	0
				MATH Elective <sup>1</sup>		3	0
Total		16	13	Total		13	16

TENNESSEE TECHNOLOGICAL UNIVERSITY

SPECIAL EDUCATION COMPREHENSIVE (K-12 LICENSURE) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Jeremy Wendt, Department Chairperson

Bartoo Hall 311, Phone: (931) 372-3181

Junior Year				Senior Year			
ART 3200	Art Applications I	2		CFS 3600	Community & Prof. Partnership	2	
EXPW 4520	Adapted Physical Activity and Support	3		SPED 4871	Residency I	5	
FOED 3010	Integrating Instructional Technology	3		SPED 4872	Professional Seminar I	5	
FOED 3810	Field Experiences in Education	2		SPED 4881	Residency II	10	
MUS 1074	Music to Meet Exceptional Ed Needs	1		SPED 4882	Professional Seminar II	2	
READ 3313	Literacy for Special Populations	5					
SPED 2010	Introduction to Special Education	3					
SPED 3020	Char. Needs Persons/Comp. Diff.	3					
SPED 3031	Physical Mgmt. & Support Services	3					
SPED 3050	Universal Design for Special Ed	5					
SPED 4030	Applied Behavior Analysis for Teachers	3					
SPED 4200	Teaching Students with Autism Spectrum Disorders	3					
Total		36		Total		24	

<sup>1</sup>Elective courses must be selected from the Motlow State/TTU Transfer Equivalency table [www.tntech.edu/transfers/transfertablesagreements/](http://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.

## SPECIAL EDUCATION MODIFIED (K-12 LICENSURE)

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
BIOL 1030	Introduction to Biology	4	0	SPCH 1010	Fundamentals of Speech	0	3
EDU 1120	Teaching and Technology	0	3	EDU 2100	Exceptional Child Development	0	3
EDU 2110	Psychology of Human Development & Learning	3	0	ENGL 2230, 2310 or 2320			
					British or World Literature	3	0
ENGL 1010, 1020	English Composition I, II	3	3	ENGL 2130	American Literature	0	3
GEOL 1030	Survey of Geology	0	4	GEOG 1030	Cultural Geography	3	0
MATH 1410	Number Concepts for Elem Ed	3	0	HIST 2010, 2020	Survey of American History I, II	3	3
MATH 1420	Geometry for Elem Ed	0	3	PSCI 1030	Intro to Physical Science	0	4
Humanities/Fine Arts Elective		3	0	Social/Behavioral Science Elective		3	0
				MATH Elective		3	0
Total		16	13	Total		15	16

TENNESSEE TECHNOLOGICAL UNIVERSITY  
SPECIAL EDUCATION MODIFIED (K-12 LICENSURE) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Jeremy Wendt, Department Chairperson

Bartoo Hall 311, Phone: (931) 372-3181

Junior Year			Senior Year		
ART 3200	Art Applications I	2	CFS 3600	Family, Community & Prof. Partnerships	2
FOED 3010	Integrating Instructional Technology	3	SPED 4871	Residency I	5
FOED 3810	Field Experiences in Education	2	SPED 4872	Professional Seminar I	5
MUS 1074	Music to Meet Exceptional Ed Needs	1	SPED 4881	Residency II	10
READ 3313	Literacy for Special Populations	5	SPED 4882	Professional Seminar II	2
SPED 2010	Intro to Special Education	3	SPED 4100	Collaborative and Inclusive Practice	3
SPED 3030	Educ. of Persons w/Lrn. Disabilities	3			
SPED 3031	Phys Mgt./Ortho/Spec. Health Imp.	3			
SPED 3050	Universal Design for Special Ed	5			
SPED 4030	Applied Behavior Analysis for Teachers	3			
SPED 4200	Teaching Students with Autism Spectrum Disorders	3			
Total		35	Total		25

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.**

10/14/14

MULTIDISCIPLINARY STUDIES (K-6 LICENSURE)

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE IN TEACHING

Freshman Year	F	SP	Sophomore Year	F	SP
POLS 1030 or SOCI 1010	3	0	ARTA or MUS 1030		
BIOL 1030 Introduction to Biology	4	0	Art or Music Appreciation	3	0
SPCH 1010 Fundamentals of Speech	0	3	EDU 2100 Exceptional Child		
EDU 1120 Teaching and Technology	0	3	Development	0	3
EDU 2110 Psychology of Human			ENGL 2130 Survey of American		
Development & Learning	3	0	Literature	0	3
ENGL 1010, 1020 English Composition I, II	3	3	ENGL 2230, 2310, 2320, 2330	3	0
GEOL 1030 or BIOL 1330	0	4	HIST 2010, 2020 Survey of American History I, II	3	3
MATH 1010 Mathematics for General			GEOG 2010 World Regional Geography	0	3
Studies	3	0	MATH 1410 Number Concepts for Elem Ed	3	0
			MATH 1420 Geometry for Elem Ed	0	3
			PSCI 1030 Intro to Physical Science	4	0
Total	16	13	Total	16	15

TENNESSEE TECHNOLOGICAL UNIVERSITY  
 MULTIDISCIPLINARY STUDIES: ELEMENTARY EDUCATION (K-6 LICENSURE) -  
 BACHELOR OF SCIENCE DEGREE

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

Junior Year		Senior Year	
ART 3200 Art Applications I	2	CUED 4800 Student Engagement	3
ECSP 4100 Dev. Appropriate Practices: K-4	3	ELED 4871 Residency I	5
ELED 3140 Teaching of Social Studies	2	ELED 4872 Professional Seminar I	5
ELED 3152 Teaching of Mathematics	3	ELED 4881 Residency II	10
ELED 4140 Science for Elementary Teachers	2	ELED 4882 Professional Seminar II	2
ESLP 4100 ESL Methodology and Materials			
for PreK-12	3		
FOED 3010 Integrating Instructional Technology	3		
FOED 3800, 3810			
Field Experiences in Education	4		
MUS 3530 Music Applications	3		
READ 3311 Literacy I	7		
SPED 3000 Teaching Persons with Disabilities			
in the Regular Classroom	3		
Total	35	Total	25

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

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.

## MULTIDISCIPLINARY STUDIES (4-8 LICENSURE)

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
BIOL 1030	Introduction to Biology	4	0	Humanities/Fine Arts Elective		0	3
SPCH 1010	Fundamentals of Speech	0	3	ENGL 2130	American Literature	3	0
EDU 1120	Teaching and Technology	0	3	ENGL 2230, 2310 or 2320			
EDU 2110	Psychology of Human Development & Learning	3	0	GEOG 1030	British or World Literature	0	3
ENGL 1010, 1020	English Composition I, II	3	3	GEOG 1030	Cultural Geography	0	3
GEOL 1030	Survey of Geology	0	4	HIST 2010, 2020	Survey of American History I, II, III		3
Social/Behavioral Science Elective		3	0	MATH 1410	Number Concepts for Elem Ed	3	0
HIST 2030	Tennessee History	0	3	MATH 1420	Geometry for Elem Ed	0	3
				PSCI 1030	Intro to Physical Science	4	0
				HIST 1110	Survey of World History I	3	0
	Total	13	16		Total	16	15

## TENNESSEE TECHNOLOGICAL UNIVERSITY

## MULTIDISCIPLINARY STUDIES: MIDDLE SCHOOL (4-8 LICENSURE) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Jeremy Wendt, Chairperson

Bartoo Hall 311, Phone: (931) 372-3181

Junior Year			Senior Year		
ART 3200 or MUS 3530		2 or 3	HEC 3500	Development Middle Childhood/Adolescence	3
ELED 3140	Teaching of Social Studies	2	ELED 4871	Residency I	5
ELED 3152	Teaching of Mathematics	3	ELED 4872	Professional Seminar I	5
ELED 4140	Science for Elementary Teachers	2	ELED 4881	Residency II	10
ESLP 4100	ESL Methodology & Materials for PreK-12	3	ELED 4882	Professional Seminar II	2
FOED 3010	Integrating Instructional Technology	3			
FOED 3800, 3810	Field Experiences in Education	4			
HIST 3100 or 2030		3			
MATH 1130	College Algebra	3			
READ 3312	Literacy II - Middle School Reading Program	7			
READ 3350	Teaching Reading in the Content Areas	3			
SPED 3000	Teaching Persons with Disabilities in the Regular Classroom	3			
	Total	35		Total	25

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.

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ENGLISH AS A SECOND LANGUAGE (PreK-12 LICENSURE)

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
SPCH 1010	Fundamentals of Speech	0	3	Humanities/Fine Arts Elective		0	3
EDU 1120	Teaching and Technology	0	3	ENGL 2130	American Literature	3	0
EDU 2110	Psychology of Human Development & Learning	3	0	ENGL 2230, 2310 or 2320 British or World Literature		0	3
ENGL 1010, 1020	English Composition I, II	3	3	HIST 2010, 2020	Survey of American History I, II	3	3
	Social/Behavioral Science Elective	3	0	MATH 1410	Number Concepts for Elem Ed	3	0
	Natural Science Electives	4	4	MATH 1420	Geometry for Elem Ed	0	3
	Elective <sup>1</sup>	3	2	Social/Behavioral Science Elective		0	3
				MATH Elective <sup>1</sup>		3	0
				Elective		2	0
Total		16	15	Total		14	15

TENNESSEE TECHNOLOGICAL UNIVERSITY

ENGLISH AS A SECOND LANGUAGE (PreK-12 LICENSURE) - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Jeremy Wendt, Department Chairperson

Bartoo Hall 311, Phone: (931) 372-3181

Junior Year			Senior Year		
CFS 3600	Family, Community and Professional Partnerships	2	ELED 4871	Residency I	5
FOED 3010	Integrating Instructional Technology	3	ELED 4872	Professional Seminar I	5
FOED 3810	Field Experiences in Education	2	ELED 4881	Residency II	10
ESLP 4100	ESL Methodology & Materials for PreK-12 or TEAE 4020	3	ELED 4882	Professional Seminar II	2
ESLP 4200	ESL Assessment: Reading and Writing or TEAE 4437	3	SPED 3000	Teaching Persons with Disabilities in the Regular Classroom	3
ESLP 4300	Field Experiences in ESL	3			
FREN/GERM/SPAN 2010, 2020		6			
FREN/GERM/SPAN 3510, 3520 or 3550		3			
LING 4511	Intro to Descriptive Linguistics or TEAE 4500	3			
LING 4531	Grammar and Language or TEAE 4501	3			
READ 3313	Literacy for Special Populations	5			
READ 3350	Teaching Reading in the Content Areas	3			
Total		40	Total		25

<sup>1</sup>Elective courses must be selected from the Motlow State/TTU Transfer Equivalency table

SECONDARY EDUCATION-SCIENCE (7-12 LICENSURE)  
OPTION: BIOLOGY

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
Humanities/Fine Arts Elective		3	0	Social/Behavioral Science Electives		3	3
BIOL 1110, 1120	General Biology I, II	4	4	SPCH 1010	Fundamentals of Speech	3	0
EDU 1120	Teaching & Technology	0	3	ENGL 2230, 2310 or 2320			
EDU 2110	Psychology of Human Development & Learning	3	0		British or World Literature	3	0
ENGL 1010, 1020	English Composition I, II	3	3	ENGL 2130	American Literature	0	3
MATH 1530	Probability and Statics	3	0	HIST 2010, 2020	Survey of American History I, II	3	3
MATH 1710	College Algebra/Pre-calculus I	0	3	CHEM 1110	General Chemistry I	4	0
				Elective <sup>1</sup>		0	2
				BIOL 2010	Human Anatomy and Physiology I	0	4
Total		16	13	Total		16	15

TENNESSEE TECHNOLOGICAL UNIVERSITY  
SECONDARY EDUCATION SCIENCE: BIOLOGY OPTION (7-12 LICENSURE) -  
BACHELOR OF SCIENCE DEGREE

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

Junior Year			Senior Year		
BIOL 2110	General Botany	4	SEED 4871	Residency I	5
BIOL 3130	General Ecology	4	SEED 4872	Professional Seminar I	5
BIOL 3140	Cellular Biology	4	SEED 4881	Residency II	10
BIOL 3810	General Genetics	4	SEED 4882	Professional Seminar II	2
FOED 3010	Integrating Instructional Technology	3	SPED 3000	Teaching Persons with Disabilities in the Regular Classroom	3
FOED 3820	Field Experiences in Education	2			
GEOL 1040	The Dynamic Earth	4			
PHYS 2010	Algebra-Based Physics I	4			
READ 3350	Teaching Reading in the Content	3			
SEED 4123	Material & Methods of Teaching the Sciences	3			
Total		35	Total		25

<sup>1</sup>Elective courses must be selected from the Motlow State/TTU Transfer Equivalency table  
[www.tntech.edu/transfers/transfertablesagreements/](http://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.

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**SECONDARY EDUCATION (7-12 Licensure)  
MATHEMATICS**

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ARTA 1030 Art Appreciation or			ECON 2020, GEOG 1030, POLS 1030, PSYC 1030,		
MUS 1030 Music Appreciation	0	3	SOCI 1010 or ANTH 2010	3	3
EDU 1120 Teaching & Technology	3	0	SPCH 1010 Fundamentals of Speech	0	3
ENGL 1010, 1020 English Composition I, II	3	3	ENGL 2230, 2310 or 2320		
MATH 1910, 1920 Calculus I, II	4	4	British or World Literature	3	0
Science Sequence	4	4	ENGL 2130 American Literature	0	3
			HIST 2010, 2020 Survey of American History I, II, III	3	3
			MATH 2110, 2010 Calculus III,		
			Elements of Linear Algebra	4	3
			MATH 2120 Differential Equations	0	3
			PHED Physical Education	1	0
Total	17	14	Total	14	15

**TENNESSEE TECHNOLOGICAL UNIVERSITY  
SECONDARY EDUCATION MATHEMATICS (7-12 LICENSURE) - BACHELOR OF SCIENCE DEGREE**

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

Junior Year		Senior Year	
FOED 3010 Integrating Instructional Technology into the Classroom	3	SEED 4322 Teaching Algebra in Middle/ High School	3
FOED 3820 Field Experiences in Education	2	SEED 4871 Residency I	5
MATH 3070 Statistical Methods I	3	SEED 4872 Professional Seminar I	5
MATH 3400 Intro to Concepts of Mathematics	3	SEED 4881 Residency II	10
MATH 3430 College Geometry	3	SEED 4882 Professional Seminar II	2
MATH 4010 or 4050 or 4350 or 4360	3	SPED 3000 Teaching Persons with Disabilities in the Regular Classroom	3
MATH 4210 Numerical Analysis I	3		
MATH 4610 or 4620	3		
READ 3350 Teaching Reading in Content Area	3		
SEED 4122 Material & Methods of Teaching Math	3		
SEED 4422 Teaching Secondary Mathematics using Technology	3		
Total	32	Total	28

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.



SECONDARY EDUCATION-SOCIAL STUDIES (7-12 LICENSURE)  
OPTION: HISTORY

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
EDU 1120	Teaching and Technology	0	3	SPCH 1010	Fundamentals of Speech	3	0
EDU 2110	Psychology of Human Development & Learning	3	0	ENGL 2230, 2310 or 2320			
ENGL 1010, 1020	English Composition I, II	3	3	ENGL 2130	British or World Literature	3	0
HIST 1110 or 1120		0	3	ENGL 2130	American Literature	0	3
MATH		3	0	HIST 2010, 2020	Survey of American History I, II	3	3
Science Sequence		4	4	PSYC 1030	General Psychology I	3	0
GEOG 1030	Cultural Geography	3	0	POLS 1030	American Government	0	3
				ANTH 2010	Intro to Anthropology	3	0
				Elective from POLS, ECON or GEOG		0	3
				Electives <sup>1</sup>		0	4
Total		16	13	Total		15	16

TENNESSEE TECHNOLOGICAL UNIVERSITY  
SECONDARY EDUCATION-SOCIAL STUDIES (7-12 LICENSURE) - BACHELOR OF SCIENCE DEGREE

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

Junior Year			Senior Year		
HIST 3410	Intro of Historical Methods	3	SPED 3000	Teaching Persons with Disabilities in the Regular Classroom	3
FOED 3010	Integrating Instructional Technology into the Classroom	3	SEED 4871	Residency I	5
FOED 3820	Field Experiences in Education	2	SEED 4872	Professional Seminar I	5
HIST 1010, 1020, 3100		9	SEED 4881	Residency II	10
HIST 4710, 4730, 4740, 4750, 4760 or 4790-4799		3	SEED 4882	Professional Seminar II	2
HIST Upper Division Electives		6			
SEED 4124	Materials & Methods of Teaching Social Studies	3			
READ 3350	Teaching Reading in Content Area	3			
Elective from POLS, ECON, GEOG		3			
Total		38	Total		25

<sup>1</sup>Elective courses must be selected from the Motlow State/TTU Transfer Equivalency table  
[www.tntech.edu/transfers/transfertablesagreements/](http://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.

10/14/14

# COLLEGE OF ENGINEERING

## DEPARTMENT OF CHEMICAL ENGINEERING

### CHEMICAL ENGINEERING

#### MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

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
SPCH 1010 Fundamentals of Speech	0	3	ENGL Literature	0	3
ENGL 1010, 1020 English Composition I, II	3	3	MATH 2110 Calculus III	4	0
MATH 1910, 1920			MATH 2120 Differential Equations	0	3
Calculus I, II	4	4	PHYS 2110, 2120 Calculus-Based Physics I, II	4	4
HIST 2010, 2020 Survey of American History I, II <sup>3</sup>	3	3	Humanities/Fine Arts Electives	3	3
			Social/Behavioral Science Electives	3	3
<b>Total</b>	<b>14</b>	<b>17</b>	<b>Total</b>	<b>18</b>	<b>20</b>

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

Advisor: Dr. Pedro Arce, Department Chairperson

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

Recommend the advisor be contacted prior to transfer.

Junior Year <sup>2</sup>	Senior Year
ENGR 1120 Programming for Engineers	CHE 4131 Transfer Science III: Diffusion and Diffusive-Convective Mass Transfer
ENGR 1210 Introduction to Engineering	CHE 4210 Chemical Reaction Engineering
CHE 2020 Intro to Chemical & Biological Engineering Process Analysis II	CHE 4240 Chemical Engineering Capstone Lab
CHE 1520 Intro to Chemical and Biological Process Analysis and Scaling I	CHE 4540 Process Dynamics & Control
CHE 3010 Thermodynamics of Chemical Processes	CHE 4410, 4420 Process Design I, II
CHE 3021 Separations and Solution Thermodynamics	ChE Technical Electives <sup>4</sup>
CHE 3111 Transfer Science I: Conduction, Radiation, and Diffusion	CHE 4910 Professionalism and Ethics in ChE
CHE 3121 Transfer Science II: Fluid Mechanics	CHEM 3510, 3520 Physical Chemistry
CHE 3730 CHE Operations	
Technical Elective <sup>3</sup>	
CEE 2110, ECE 3810 or BIOL 3200	<b>Total</b>
<b>Total</b>	<b>33</b>

<sup>1</sup>Survey of American History I, II are not required for a bachelor of science degree in chemical engineering.<sup>2</sup>Students must apply to the CHE Fast-Track MS program by the end of their second junior term.<sup>3</sup>Three hours of Technical Electives can be from any of the following courses:

- 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.

<sup>4</sup>Three 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.**

COMPUTER ENGINEERING

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 English Composition I, II	3	3	ENGL Literature	3	0
MATH 1910, 1920			SPCH 1010 Fundamentals of Speech	0	3
Calculus I, II	4	4	PHYS 2110, 2120 Calculus Based Physics I, II	4	4
CHEM 1110 General Chemistry I	4	0	MATH 2110 Calculus III	4	0
Humanities/Fine Arts Elective	0	3	MATH 2120 Differential Equations	0	3
Social/Behavioral Science Elective	0	3	Humanities/Fine Arts Elective	0	3
HIST 2010, 2020 Survey of American History I, II <sup>3</sup>	3	3	Social/Behavioral Science Elective	3	0
<b>Total</b>	<b>14</b>	<b>16</b>	<b>Total</b>	<b>14</b>	<b>13</b>

TENNESSEE TECHNOLOGICAL UNIVERSITY  
COMPUTER ENGINEERING-BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Charles Carnal, Faculty Advisor

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

Recommend the advisor be contacted prior to transfer.

<b>Third Year</b>			<b>Fourth Year</b>		
CSC 2100, 2101 Intro to Problem Solving and Computer Programming, Lab	4		CSC 2400 Design of Algorithms		3
CSC 2110 Data Structures and Algorithms	3		CSC 2500 Unix Lab		1
CSC 2111 Data Structures and Algorithms Lab	1		CSC 3030 Practical and Professional Issues in Computer Science		1
ECE 2001 Computer Aided Engineering in ECE	1		CSC 4200 Computer Networks		3
ECE 2010 Electric Circuits I	3		ECE 3020 Discrete-Time Signals and Systems		3
ECE 2011 EE Lab I	1		ECE 3060 EE Lab II		1
ECE 2020 Electric Circuits II	3		ECE 3300 Electronics I		3
ECE 2110 Intro to Digital Systems	3		ECE 3160 Digital Systems Lab		1
ECE 3010 Signals & Systems	3		ECE 3120 Microcomputer Systems		3
MATH 3470 Intro Probability and Statistics	3		ECE 4910 Professional Issues in ECE		1
<b>Total</b>	<b>25</b>		MATH 2010 Maxtrix Algebra		3
			<b>Total</b>		<b>23</b>
<b>Fifth Year</b>					
ECE 4110 Digital System Design	3				
ECE 4120 Fundamentals of Computer Design	3				
ECE 4140 Embedded System Design	3				
EE Lab elective <sup>2</sup>	1				
ECE 4961, 4971 Capstone Design I, II	6				
EE Elective <sup>2</sup>	3				
Comp. Eng Elective <sup>2</sup>	3				
CSC 4100 Operating Systems	3				
CS elective <sup>2</sup>	3				
<b>Total</b>	<b>28</b>				

<sup>1</sup>Survey of American History I, II are not required for a bachelor of science degree in computer engineering.

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

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

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DEPARTMENT OF MANUFACTURING AND ENGINEERING TECHNOLOGY

ENGINEERING TECHNOLOGY

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year		F	SP	Sophomore Year		F	SP
CHEM 1110	General Chemistry I	4	0	ECON 2010 or 2020		0	3
SPCH 1010	Fundamentals of Speech	0	3	ENGL 2130, 2230, 2310 or 2320		0	3
ENGL 1010, 1020	English Composition I, II	3	3	HIST 2010, 2020	Survey of American History I, II	3	3
MATH 1710	Precalculus I	3	0	PHYS 2010, 2020 or 2110, 2120		4	4
MATH 1720	Precalculus II	0	3	Humanities/Fine Arts Elective		3	0
PSYC 1030	General Psychology I	3	0				
	Humanities/Fine Arts Elective	0	3				
Total		13	12	Total		13	10

TENNESSEE TECHNOLOGICAL UNIVERSITY  
ENGINEERING TECHNOLOGY - BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Ahmed Elsayy, Department Chairperson

Lewis Hall 107, Phone: (931) 372-3263

Recommend the advisor be contacted prior to transfer.

Junior Year			Senior Year		
ENGR 1110	Engineering Graphics	2	ACCT 3720	Survey of Accounting	3
ENGR 1120	Programming for Engineers	2	DS 3520	Operations Management	3
MATH 1845	Technical Calculus	3	MET 3710	Methods Design and Work	
MET 1100	Intro to Manufacturing Engineering			Measurement	2
	Technology	3	MET 3730	Quality Assurance	2
MET 2000	Occupational Safety	2	MET 4200	Industrial Electronics	3
MET 2063	Metal Manufacturing Technology	3	MET 4310	Plant Layout & Materials Handling	3
MET 2400	Statics and Strength of Materials	3	MET 4615	Engineering Technology Ethics and	
BMGT 3510	Management & Organization Behavior	3		Professionalism	1
ECON 3610	Business Statistics I	3	MET 4620	Senior Projects	3
ME 3110	Physical Metallurgy and Heat			Business Elective <sup>1</sup>	3
	Treatment	3		Area of Emphasis <sup>2</sup>	12
MET 3000	Principles of Metal Casting	3			
MET 3130	Maintenance Technology I	3			
MET 3200	Applied Electricity & Electronics	3			
MET 3301	CAD for Technology	2			
MET 3700	Manufacturing Cost Estimating	2			
Total		34	Total		35

<sup>1</sup>Business Electives: BMGT 3630, BMGT 4520, DS 3620, DS 3540, FIN 3210, LAW 3810 or MKT 3400.

<sup>2</sup>Select one of the following emphases:

Emphasis I - Manufacturing Engineering Technology

MET 3060, 3403 and select 2 courses from: MET 3010, 3080, 3460, 3560, 4010, 4060, 4140, 4210, 4220, 4300, 4400, 4430, 4450, 4500, 4550, 4600, 4650, 4990; ESS 3710 and ME 4430

Emphasis II - Technology Management

Select 4 courses from: BMGT 3630, 4520; DS 3620, 3540; FIN 3210; LAW 3810, MET 4010, MET 4430, MKT 3400;

# COLLEGE OF INTERDISCIPLINARY STUDIES

## INTERDISCIPLINARY STUDIES

### MOTLOW STATE COMMUNITY COLLEGE

#### DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 English Composition I, II	3	3	PSYC 1030 General Psychology	3	0
HIST 2010, 2020 Survey of American History I, II	3	3	ENGL Literature	0	3
MATH	3	0	SPCH 1010 Fundamentals of Speech	3	0
Science	4	4	SOCI 1010 Introduction to Sociology	0	3
Humanities/Fine Arts Elective	3	3	ECON 2020 Microeconomics	0	3
Elective	0	3	Electives <sup>2</sup>	7	6
Total	16	16	Total	13	15

### TENNESSEE TECHNOLOGICAL UNIVERSITY INTERDISCIPLINARY STUDIES - BACHELOR OF SCIENCE DEGREE

Advisor: Jeannie Smith, Student Success Director  
Southwest Hall 146, Phone: (931) 372-6238

Junior Year	Senior Year
BMGT 3510 Management & Organizational Mgmt	3 BMGT 3630 Human Resource Management
PSY 3000 Problem Solving	3 FOED 3010 Integrated Instruction Tech
PSY 4160 Abnormal Psychology	3 FOED 4340 Technology for Presentations
PSY 3410 Industrial Psychology	3 LAW 3810 Business Law
PSY 4150 Psychology of Personality	3 SPAN 3550 Latin American: Countries & People
LIST 4093 Special Topics	3 LIST 4850 Topics in Org Development
SOC 3300 Occupational Sociology	3 SPCH 3000 Computer Mediate Communications
SOC 4430 People in Organizations	3 UNIV 4116 Internship
PC 3250 Professional Communication	3 UNIV 4995 Culminating Project
LIST 4100 Adult Learning	3
Total	30 Total 30

**Students must complete 60 hours at senior institution with 45 hours of upper-division credit at the 3000-4000 level.**

<sup>1</sup>Must be selected from the General Education requirements in the Motlow catalog and the TTU course equivalency table <https://www.tntech.edu/admissions/undergraduates/transfertablesagreements>.

<sup>2</sup>Elective courses must be selected from the MSCC/TTU transfer course equivalency table <https://www.tntech.edu/admissions/undergraduates/transfertablesagreements>.

**The BS/LIST degree requires a minimum of 120 hours. Students with an Associate's degree may need to take electives or prerequisite credits.**

#### DEGREE REQUIREMENTS

**Students hold 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.

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## INTERDISCIPLINARY STUDIES

### MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 English Composition I, II	3	3	PSYC 1030 General Psychology	3	0
HIST 2010, 2020 Survey of American History I, II	3	3	ENGL Literature	0	3
MATH	3	0	SPCH 1010 Fundamentals of Speech	3	0
Science	4	4	SOCI 1010 Introduction to Sociology	0	3
Humanities/Fine Arts Elective	3	3	ECON 2020 Microeconomics	0	3
Elective	0	3	Electives	7	6
Total	16	16	Total	13	15

### TENNESSEE TECHNOLOGICAL UNIVERSITY INTERDISCIPLINARY STUDIES - BACHELOR OF SCIENCE DEGREE

Advisor: Jeannie Smith, Student Success Director  
Southwest Hall 146, Phone: (931) 372-6238

Junior Year		Senior Year	
Concentration Area (3000-4000)	12	Concentration Area (3000-4000)	12
Electives (3000-4000)	18	Electives (any level)	15
		UNIV 4995 Culminating Project (last semester; all concentration requirements must be completed prior)	3
Total	30	Total	30

**Students must complete 60 hours at senior institution with 45 hours of upper-division credit at the 3000-4000 level.**

<sup>1</sup>Must be selected from the General Education requirements in the Motlow catalog and the TTU course equivalency table <https://www.tntech.edu/admissions/undergraduates/transfertablesagreements>.

<sup>2</sup>Elective courses must be selected from the MSCC/TTU transfer course equivalency table <https://www.tntech.edu/admissions/undergraduates/transfertablesagreements>.

**The BS/LIST degree requires a minimum of 120 hours. Students with an Associate's degree may need to take electives or prerequisite credits.**

#### **DEGREE REQUIREMENTS**

**Students hold 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.

## PROFESSIONAL STUDIES

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

Freshman Year	F	SP	Sophomore Year	F	SP
ENGL 1010, 1020 English Composition I, II	3	3	PSYC 1030 General Psychology	3	0
HIST 2010, 2020 Survey of American History I, II	3	3	ENGL Literature	0	3
MATH	3	0	SPCH 1010 Fundamentals of Speech	3	0
Science	4	4	SOCI 1010 Introduction to Sociology	0	3
Humanities/Fine Arts Electives	3	3	ECON 2020 Microeconomics	0	3
			Electives	7	6
Total	16	13	Total	13	15

TENNESSEE TECHNOLOGICAL UNIVERSITY  
 PROFESSIONAL STUDIES - BACHELOR OF SCIENCE DEGREE

Advisor: Jeannie Smith, Student Success Director  
 Southwest Hall 146, Phone: (931) 372-6238

Junior Year		Senior Year	
Professional Core (3000-4000 level courses)	9	Professional Core (3000-4000 level courses)	12
Concentration (3000-4000 level)	15	Electives (any level)	15
Electives (3000-4000 level)	6	UNIV 4995 Culminating Project (last semester; all concentration requirements must be completed prior)	3
Total	30	Total	30

Available concentrations in Health Administration, Information Technology, Organizational Leadership, or International Organizational Leadership, <http://www.rodip.org/bachelor's-degrees>. This is an online degree program delivered through Regents Online Campus Collaborative, [www.rodip.org](http://www.rodip.org).

10/14/14

# SCHOOL OF NURSING

## NURSING

### MOTLOW STATE COMMUNITY COLLEGE

#### DEGREE: ASSOCIATE OF APPLIED SCIENCE IN NURSING

Freshman Year		F	SP	Sophomore Year		F	SP
SPCH 1010	Fundamentals of Speech	0	3	BIOL 2010, 2020	Anatomy and Physiology I, II	4	4
ENGL 1010, 1020	English Composition I, II	3	3	BIOL 2230	Microbiology	4	0
NURS 1070	Dosage Calculations	0	1	NURS 2130	Seminar in Nursing	0	1
NURS 1400	Role of Associate Degree Nurse	1	0	NURS 2410	Nursing Care III	9	0
NURS 1410	Nursing Care I	9	0	NURS 2420	Nursing Care IV	0	9
NURS 1420	Nursing Care II	0	9	ARTA 1030, THEA 1030, or MUSA 1030		3	0
PSYC 1030	General Psychology	3	0				
	<b>Total</b>	<b>16</b>	<b>16</b>	<b>Total</b>		<b>20</b>	<b>14</b>

#### TENNESSEE TECHNOLOGICAL UNIVERSITY NURSING-BACHELOR OF SCIENCE DEGREE

Advisor: Ben Clark

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

Transition		
ENGL 2130, 2230, 2330 <sup>2</sup>		3
HIST 2010, 2020 <sup>2</sup>	American History I, II	6
MATH 1130 or 15320		3
SOC 1010 or 1100		3
Humanities/Fine Arts Elective <sup>4</sup>		3
Electives <sup>5</sup>		13
	<b>Total</b>	<b>31</b>

Junior Year			Senior Year		
NLN <sup>1</sup>	Mobility Profile II Exams		NURS 3430	Survey of Pharmacological Aspects of Nursing	3
NURS 3250, 3270, 3271, 3280, 3350, 3361, 3370, 3371, 4000, 4001, 4100, 4101 <sup>3</sup>		33	NURS 4300	Research in Health Care	3
NURS 3260, 3261 or 3281		3	NURS 4350	Health Care of Communities	4
NURS 3380	Path. Processes for the Prof. Nurse	3	NURS 4351	Health of Communities: Lab	3
NURS 3465	Bridging to Professional Nursing Practice	4	NURS 4450	Leadership & Management	3
			NURS 4451	Leadership & Management: Lab	4
	<b>Total</b>	<b>43</b>	<b>Total</b>		<b>18</b>

<sup>1</sup>If conditions of the Tennessee Career Mobility Plan are not met: then NLN Mobility Profile II exams must be successfully completed prior to beginning Upper Division courses.

<sup>2</sup>Equivalent courses may be taken at Motlow State Community College and transferred to TTU.

<sup>3</sup>Credit for required courses NURS 3250, 3270, 3271, 3280, 3350, 3361 3370, 3371, 4000, 4001 & 4100/4101 (33 hours total) will be awarded after the successful completion of 12 hours of Upper Division nursing course work (NURS).

<sup>4</sup>Courses must be selected from the general education list.

<sup>5</sup>Courses must be selected from the MSCC/TTU transfer equivalency table  
<https://www.tntech.edu/admissions/undergraduates/transfertablesagreements>.

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



2014-2015

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, 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.

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