

TRANSFER AGREEMENT

2013-14

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. 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 final transcript to be sent 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 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

Undergraduate Colleges and Departments

College of Agricultural and Human Ecology

School of Agriculture
School of Human Ecology

College of Arts and Sciences

Biology
Chemistry
Communication
Earth Sciences
English
Foreign Languages
History
Mathematics
Physics
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 Industrial 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 | | |
| Agricultural and Human Ecology | Dean's Office, Foundation Hall | 372-3149 |
| Arts and Sciences | Dean's Office, Henderson Hall 202 | 372-3118 |
| Student Success Center, Henderson Hall 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 ² | 4 | 4 | ECED 2040 Family Dynamics and Community Involvement | 3 | 0 |
| ENGL 1010, 1020 English Composition I, II | 3 | 3 | ECED 2060 Development of Exceptional Children | 0 | 3 |
| Humanities/Fine Arts Elective | 0 | 3 | ECED 2130 Initial Practicum I | 3 | 0 |
| MATH | 0 | 3 | EDU 1120 or INFS 1010 | 3 | 0 |
| SOCI 1010 Introduction to Sociology | 3 | 0 | SPCH 1010 Fundamentals of Speech | 0 | 3 |
| ARTA or MUSA 1030 | 3 | 0 | ENGL Literature | 0 | 3 |
| PSYC 1030 General Psychology | 0 | 3 | HIST 2010, 2020 Survey of American History I, II | 3 | 3 |
| | | | Elective ¹ | 2 | 3 |
| Total | 16 | 16 | Total | 14 | 14 |

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

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

| Junior Year | Senior Year |
|--|--|
| CFS 2410 Practicum: Young Children with Special Needs | HEC 4000 Professional Integration & Communication Techniques |
| ECSP 3001 Curriculum for Infants, Toddlers & Preschoolers | HEC 4600 Family Development & Relationships |
| ECSP 3211 Practicum: Procedures for Infants, Toddlers and Preschoolers | HEC 4610 Families: Normative/Catastrophic Issues |
| EXPW 2150 Human Sexuality | HEC 4990 Internship |
| HEC 1000 Introduction to the Profession | HEC 3700 Development: Young Adulthood/Aging |
| HEC 3011 Consumer Economics | ECSP 4300 Assessment of Young Children |
| HEC 2510 Creative Play | HEC Electives ³ |
| HEC 3500 Development: Middle Childhood/Adolescence | Electives ³ |
| HEC 3520 Parent Education & Child Guidance | |
| HEC Core | |
| SOC 3650 Juvenile Delinquency | |
| Total | Total |
| | 29 |

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

²**Natural Science**

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

³HEC-CDFR students must take HEC 2031, HEC 2041.

HEC Core

| | |
|---|-----|
| HEC 1010 Life Span Development | 3 |
| HEC 1020 Social Intelligence | 1 |
| HEC 1030 or 2020 | 2-3 |
| HEC 2031 Aspects of Dress | 3 |
| HEC 2041 Aspects of Housing & Furnishings | 3 |

⁴Total 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.

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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 2010 | 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 ¹ | | 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
Foundation Hall, Phone: (931) 372-3157

| Junior Year | | | Senior Year | | |
|-------------|--|----|-------------|---|----|
| HEC 1000 | Introduction to the Profession | 1 | HEC 3500 | Development: Middle Childhood/Adolescence | 3 |
| HEC 1010 | Life Span Development | 3 | HEC 4000 | Professional Integration and Communication Techniques | 1 |
| HEC 1030 | Introduction to Nutrition | 2 | FOED 3010 | Integrating Instructional Technology into the Classroom | 3 |
| HEC 2031 | Aspects of Dress | 3 | READ 3350 | Teaching Reading in the Content Areas | 3 |
| HEC 2032 | Construction and Analysis of Sewn Products | 4 | HEC 4871 | Residency I | 5 |
| HEC 2240 | Food Preparation & Management | 4 | HEC 4872 | Professional Seminar I | 5 |
| HEC 2421 | Architectural Graphics and Presentation Techniques | 3 | HEC 4881 | Residency II | 10 |
| HEC 2800 | Introduction to Teaching Vocational Family & Consumer Sciences | 3 | HEC 4882 | Professional Seminar II | 2 |
| HEC 3011 | Consumer Economics | 3 | | | |
| HEC 3310 | Textiles I | 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 | | | |
| Total | | 40 | Total | | 32 |

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

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 |
| | | | | ECED 2040 | Family Dynamics and Community Involvement | 0 | 3 |
| Humanities/Fine Arts Electives | | 3 | 3 | SPCH 1010 | Fundamentals of Speech | 0 | 3 |
| MATH 1530 | Elementary Statistics | 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 | Elective ¹ | | 2 | 0 |
| | | | | | | | |
| | Total | 16 | 13 | | Total | 12 | 16 |

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 Behavior | 3 |
| CHEM 4500 | Physiological Chemistry | 3 | HEC 3240 | Quantity Food Production | 4 |
| HEC 1000 | Introduction to the Profession | 1 | HEC 4000 | Professional Integration & Communication Techniques | 1 |
| HEC 1010 | Life Span Development | 3 | HEC 4110 | Experimental Food Sciences | 4 |
| HEC 1020 | Social Intelligence | 1 | HEC 4200 | Advanced Nutrition | 3 |
| HEC 2020 | Nutrition | 3 | HEC 4210 | Medical Terminology for Human Sciences | 1 |
| HEC 2031 or 2041 | | 3 | HEC 4241 | Legal Issues in Food Service Management | 2 |
| HEC 2240 | Food Preparation & Management | 4 | HEC 4242 | Food Systems Administration | 3 |
| HEC 3011 | Consumer Economics | 3 | HEC 4271 | Medical Nutrition Therapy | 3 |
| HEC 3201 | Community Nutrition | 3 | HEC 4272 | Clinical Dietetics | 3 |
| HEC 3270 | Nutrition in Disease | 3 | HEC 4994 | Field Experience--Health Care* | 3 |
| | | | MATH 1130 | College Algebra | 3 |
| | | | | Total | 33 |
| | | | | | |
| | Total | 35 | | | |

¹Elective courses must be selected from Motlow State/TTU Transfer Equivalency table 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.

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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 | ECED 2040 | Family Dynamics and Community Involvement | 0 | 3 |
| MATH 1530 | Elementary Statistics | 3 | 0 | ECON 2020 | Microeconomics | 3 | 3 |
| PSYC 1030 | Introduction to Psychology | 3 | 0 | SPCH 1010 | Fundamentals of Speech | 0 | 3 |
| SOCI 1010 | Introduction to Sociology | 0 | 3 | ENGL Literature | | 0 | 3 |
| Electives | | 0 | 3 | HIST 2010, 2020 | Survey of American History I, II | | |
| | | | | Electives | | 3 | 3 |
| Total | | 16 | 16 | Total | | 13 | 15 |

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 | BMGT 3510 | Management & Organization Behavior | 3 |
| HEC 1000 | Introduction to the Profession | 1 | BMGT 3630 | Human Resource Management | 3 |
| HEC 1010 | Life Span Development | 3 | HEC 4000 | Professional Integration & Communication Techniques | 1 |
| HEC 1020 | Social Intelligence | 1 | HEC 4110 | Experimental Food Sciences | 4 |
| HEC 2020 | Nutrition | 3 | HEC 4241 | Legal Issues in Food Service | 2 |
| HEC 2031 or 2041 | | 3 | HEC 4242 | Food Systems Administration | 3 |
| HEC 2240 | Food Preparation & Management | 4 | HEC 4995 | Field Experience--Food Systems | 6 |
| HEC 3011 | Consumer Economics | 3 | MATH 1130 | College Algebra | 3 |
| HEC 3240 | Quantity Food Production | 4 | MKT 3310 or 3400 | | 3 |
| HEC 3270 | Nutrition in Disease | 3 | | | |
| Electives | (5 Upper-Division) | 5 | | | |
| Total | | 31 | Total | | 28 |

¹Elective courses must be selected from Motlow State/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.

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 | ECED 2040 | Family Dynamics and Community Involvement | 0 | 3 |
| HPE 2100 or 2230 | | 0 | 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 | INFS 1010 | Intro to Microcomputers | 3 | 0 |
| | | | | MATH 1530 | Elementary Statistics | 3 | 0 |
| Total | | 16 | 16 | Total | | 15 | 15 |

TENNESSEE TECHNOLOGICAL UNIVERSITY

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

Director: Dr. Melinda Anderson; School of Human Ecology

Foundation Hall, Phone: (931) 372-3157

| Junior Year | | | Senior Year | | |
|-------------|---|----|---|--|---|
| HEC 1000 | Introduction to the Profession | 1 | HEC 2300, 3300, 4300 or 4301 | 6 | |
| HEC 2031 | Aspects of Dress | 3 | HEC 4000 | Professional Integration & Communication Techniques | 1 |
| HEC 2032 | Construction and Analysis of Sewn Products | 4 | HEC 4320 | Merchandise Promotion & Advertising | 3 |
| HEC 2311 | Practicum: Merchandising & Design | 1 | HEC 4360 | Merchandising II | 3 |
| HEC 3011 | Consumer Economics | 3 | HEC 4600; IBC 4980 or 4990; SOC 3150; or PSY 3300, PSY 3400, or 3410 | | 3 |
| HEC 3310 | Textiles I | 3 | HEC 4990 | Internship | 3 |
| HEC 3320 | Textiles II | 3 | Upper Division Business Elective | | 3 |
| HEC 3350 | Merchandising I | 3 | Electives (5 hours must be upper-division) | | 5 |
| HEC 4340 | History of Dress | 3 | | | |
| HEC Core | | 3 | | | |
| MKT 3400 | Principles of Marketing | 3 | | | |
| | Total | 33 | Total | 27 | |

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

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 | 3 | 3 |
| INFS 1010 | Computer Applications | 0 | 3 | BUS 1210+ | Introduction to Business | 3 | 0 | 3 | 0 |
| ENGL 1010, 1020 | English Composition I, II | 3 | 3 | ECON 2010, 2020 | Macroeconomics, Microeconomics | 3 | 3 | 3 | 3 |
| MATH 1630 | Finite Mathematics | 3 | 0 | ENGL Literature | | 3 | 0 | 3 | 0 |
| MATH 1830 | Calculus for Business App. | 0 | 3 | HIST 2010, 2020 | Survey of American History I, II | 3 | 3 | 3 | 3 |
| Science | | 4 | 4 | Humanities/Fine Arts Elective | | 0 | 3 | 0 | 3 |
| Humanities/Fine Arts Elective | | 3 | 0 | Non-Business Electives ¹ | | 0 | 3 | 0 | 3 |
| Non-Business Elective ¹ | | 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 | Management Science | 3 | BMGT Electives ² | | 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 ² | | 9 |
| Business Electives ² | | 3 | | | |
| DS Elective | | 3 | | | |
| Total | | 30 | Total | | 33 |

+Course required by Motlow State and does not transfer to TTU.

¹Non-business electives must be selected from the Motlow/TTU Transfer Equivalency table
www.tntech.edu/transfers/transfertablesagreements/

²Elective 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 | BUS 1210+ | Introduction to Business | 3 | 0 | | |
| ENGL 1010, 1020 | English Composition I, II | 3 | 3 | ECON 2010, 2020 | Macroeconomics, Microeconomics | 3 | 3 | | |
| MATH 1630 | Finite Mathematics | 3 | 0 | ENGL Literature | | 0 | 3 | | |
| MATH 1830 | Calculus for Business App. | 0 | 3 | HIST 2010, 2020 | Survey of American History I, II | 3 | 3 | | |
| Science | | 4 | 4 | Humanities/Fine Arts Elective | | 3 | 0 | | |
| Humanities/Fine Arts Elective | | 3 | 0 | Non-Business Electives ¹ | | 0 | 3 | | |
| Non-Business Elective ¹ | | 0 | 1 | | | | | | |
| Total | | 16 | 14 | Total | | 15 | 15 | | |

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 | Management Science | 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 | Business Electives ² | 3 |
| MKT 3400 | Principles of Marketing | 3 | Non-Business Electives ² | | 9 |
| BMGT Electives | | 6 | | | |
| Total | | 30 | Total | | 33 |

+Course required by Motlow State and does not transfer to TTU.
¹Non-business electives must be selected from Motlow State/TTU Transfer Equivalency table www.tntech.edu/transfers/transfertablesagreements/
²Elective courses must be selected in consultation with the advisor.

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BUSINESS MANAGEMENT - MANAGEMENT INFORMATION SYSTEMS

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 | BUS 1210+ | Introduction to Business | 3 | 0 |
| ENGL 1010, 1020 | English Composition I, II | 3 | 3 | ECON 2010, 2020 | Macroeconomics, Microeconomics | 3 | 3 |
| MATH 1630 | Finite Mathematics | 3 | 0 | ENGL Literature | | 0 | 3 |
| MATH 1830 | Calculus for Business App. | 0 | 3 | HIST 2010, 2020 | Survey of American History I, II | 3 | 3 |
| Science | | 4 | 4 | Humanities/Fine Arts Elective | | 3 | 0 |
| Humanities/Fine Arts Elective | | 3 | 0 | Non-Business Electives ¹ | | 0 | 3 |
| Non-Business Elective ¹ | | 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 | Management Science | 3 | 3 |
| DS 3841 | Management Information Systems | 3 | 3 |
| DS 3850 | Advanced Business Data Processing | 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 ² | | 3 | 6 |
| Total | | 30 | 33 |

+Course required by Motlow State and does not transfer to TTU.

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

²Elective 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

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 | BUS 1210+ | Introduction to Business | 3 | 0 |
| ENGL 1010, 1020 | English Composition I, II | 3 | 3 | ECON 2010, 2020 | Macroeconomics, Microeconomics | 3 | 3 |
| MATH 1630 | Finite Mathematics | 3 | 0 | ENGL Literature | | 0 | 3 |
| MATH 1830 | Calculus for Business App. Science | 0 | 3 | HIST 2010, 2020 | Survey of American History I, II, III | 3 | 3 |
| | Humanities/Fine Arts Elective | 4 | 4 | Humanities/Fine Arts Elective | | 3 | 0 |
| | | 3 | 0 | Non-Business Electives ¹ | | 0 | 4 |
| 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 ² | | 6 |
| DS 3620 | Management Science | 3 | DS or BMGT Electives ² | | 6 |
| DS 3841 | Management Information Systems | 3 | ISE/MIT Electives ² | | 6 |
| ECON 3610 | Business Statistics I | 3 | Non-Business Elective ² | | 3 |
| FIN 3210 | Principles of Managerial Finance | 3 | | | |
| MKT 3400 | Principles of Marketing | 3 | | | |
| Total | | 30 | Total | | 33 |

+Course required by Motlow State and does not transfer to TTU.

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

²Elective 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.

8/28/13

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 | BUS 1210+ Introduction to Business | 3 | 0 |
| ENGL 1010, 1020 English Composition I, II | 3 | 3 | ECON 2010, 2020 Macroeconomics, Microeconomics | 3 | 3 |
| MATH 1630 Finite Mathematics | 3 | 0 | ENGL Literature | 0 | 3 |
| MATH 1830 Calculus for Business App. | 0 | 3 | HIST 2010, 2020 Survey of American History I, II | 3 | 3 |
| Science | 4 | 4 | Humanities/Fine Arts Elective | 3 | 0 |
| Humanities/Fine Arts Elective | 3 | 0 | Non-Business Electives ¹ | 0 | 3 |
| Non-Business Elective ¹ | 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 | F | SP | Senior Year | F | SP |
|---|----|----|---|---|----|
| 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 ² | | 9 |
| DS 3620 Management Science | 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 ² | | 3 |
| ECON 3610 Business Statistics I | 3 | | Non-Business Electives ² | | 9 |
| FIN 3210 Principles of Managerial Finance | 3 | | | | |
| LAW 3810 Business Legal Environment & Ethics | 3 | | | | |
| Total | 30 | | Total | | 33 |

+Course required by Motlow State and does not transfer to TTU.

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

²Elective 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

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 | BUS 1210+ | Introduction to Business | 3 | 0 |
| ENGL 1010, 1020 | English Composition I, II | 3 | 3 | ECON 2010, 2020 | Macroeconomics, Microeconomics | 3 | 3 |
| MATH 1630 | Finite Mathematics | 3 | 0 | ENGL Literature | | 0 | 3 |
| MATH 1830 | Calculus for Business App. Science | 0 | 3 | HIST 2010, 2020 | Survey of American History I, II | 3 | 3 |
| | Humanities/Fine Arts Elective ² | 3 | 0 | | Humanities/Fine Arts Elective ² | 3 | 0 |
| | Non-Business Elective ¹ | 0 | 1 | | Non-Business Electives ¹ | 0 | 3 |
| Total | | 16 | 14 | Total | | 15 | 15 |

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 ² | 3 | MKT 4730 | Marketing Strategy | 3 |
| BMGT 3510 | Management and Organization Behavior | 3 | | Marketing Electives ² | 12 |
| DS 3520 | Operations Management | 3 | BMGT 4930 | Business Strategy | 3 |
| DS 3620 | Management Science | 3 | LAW 3810 | Business Legal Environment & Ethics | 3 |
| DS 3841 | Management Information Systems | 3 | | Business Elective ² | 3 |
| ECON 3320, 3810 or 3820 | | 3 | | Non-Business Electives ² | 6 |
| ECON 3610 | Business Statistics I | 3 | | | |
| FIN 3210 | Principles of Managerial Finance | 3 | | | |
| | Non-Business Elective ² | 3 | | | |
| Total | | 30 | Total | | 33 |

+Course required by Motlow State and does not transfer to TTU.

¹Elective courses are to be selected from Motlow State/TTU Transfer Equivalency table www.tntech.edu/transfers/transfertablesagreements/

²Elective 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.

8/28/13

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

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

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

OFFICE OF TEACHER EDUCATION

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

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

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

All requirements for admission to the Teacher Education program must be completed by the designated deadline. Students will not be allowed to enroll in any upper division professional education courses without obtaining full admission to the program. A detailed list of requirements, deadlines, and links to all required forms can be found <http://www.tntech.edu/teachered/ast-degree-requirements-for-admission-to-the-teacher-education-program/>. Forms cannot be submitted online without a Tennessee Technological University student identification number (TNumber).

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

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

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

8/28/13

SPECIAL EDUCATION COMPREHENSIVE (K-12 LICENSURE)

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

| Freshman Year | | F | SP | Sophomore Year | | F | SP |
|-------------------------------|--|----|----|------------------------------------|-------------------------------------|----|----|
| Humanities/Fine Arts Elective | | 3 | 0 | SPCH 1010 | Fundamentals of Speech | 0 | 3 |
| BIOL 1030 | Introduction to Biology | 4 | 0 | ECED 2010 | 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 ¹ | | 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 |

¹Elective courses must be selected from the Motlow State/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.

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 | | | |
| ENGL 1010, 1020 | English Composition I, II | 3 | 3 | British or World Literature | | 3 | 0 |
| ENGL 2130 | | | | 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 | 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.

8/28/13

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 Development | 0 | 3 |
| EDU 1120 Teaching and Technology | 0 | 3 | ENGL 2130 Survey of American Literature | 0 | 3 |
| EDU 2110 Psychology of Human Development & Learning | 3 | 0 | ENGL 2230, 2310, 2320 | 3 | 0 |
| ENGL 1010, 1020 English Composition I, II | 3 | 3 | HIST 2010, 2020 Survey of American History I, II | 3 | 3 |
| GEOG 1030 Survey of Geology | 0 | 4 | GEOG 2010 World Regional Geography | 0 | 3 |
| MATH 1010 Mathematics for General 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 | 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 |
| Electives ¹ | | 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 |
| ELED 3140 | Teaching of Social Studies | 2 | ELED 4871 | Residency I |
| ELED 3152 | Teaching of Mathematics | 3 | ELED 4872 | Professional Seminar I |
| ELED 4140 | Science for Elementary Teachers | 2 | ELED 4881 | Residency II |
| ESLP 4100 | ESL Methodology & Materials for PreK-12 | 3 | ELED 4882 | Professional Seminar II |
| 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 | 5 | | |
| READ 3350 | Teaching Reading in the Content Areas | 3 | | |
| SPED 3000 | Teaching Persons with Disabilities in the Regular Classroom | 3 | | |
| Total | | 35 | Total | |
| | | | 25 | |

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

²Select one course to complete. The remaining three courses will be completed at TTU.

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.

8/28/13

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 ¹ | 3 | 2 | Social/Behavioral Science Elective | | 0 | 3 |
| | | | | MATH Elective ¹ | | 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 |

¹Elective 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 ¹ | | 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 |

¹Elective courses must be selected from the Motlow State/TTU Transfer Equivalency table
www.tnitech.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.

8/28/13

**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 | 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 | | SEED 4322 Teaching Algebra in Middle/ | |
| | 3 | 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 | |
| MATH 4210 Numerical Analysis I | 3 | in the Regular Classroom | 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 | British or World Literature | 3 | 0 |
| ENGL 1010, 1020 | English Composition I, II | 3 | 3 | ENGL 2130 | American Literature | 0 | 3 |
| HIST 1110 or 1120 | | 0 | 3 | HIST 2010, 2020 | Survey of American History I, II | 3 | 3 |
| MATH | | 3 | 0 | PSYC 1030 | General Psychology I | 3 | 0 |
| Science Sequence | | 4 | 4 | POLS 1030 | American Government | 0 | 3 |
| GEOG 1030 | Cultural Geography | 3 | 0 | ANTH 2010 | Intro to Anthropology | 3 | 0 |
| | | | | Elective from POLS, ECON or GEOG | | 0 | 3 |
| | | | | Electives ¹ | | 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 Elective | | 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 |

¹Elective courses must be selected from the Motlow State/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.

8/28/13

CHILD AND FAMILY STUDIES
Early Childhood Education PreK-3
Early Childhood Special Education/PreK-3

MOTLOW STATE COMMUNITY COLLEGE

DEGREE: ASSOCIATE OF SCIENCE

| Freshman Year | | F | SP | Sophomore Year | | F | SP |
|------------------------|---------------------------|-----------|-----------|-------------------------|---|-----------|-----------|
| ANTH 2010 or SOCI 1010 | | 3 | 0 | ECED 2010 | Safe, Healthy Learning Environments | 0 | 3 |
| BIOL 1030 | Introduction to Biology | 4 | 0 | ECED 2040 | Family Dynamics and Community Involvement | 3 | 0 |
| SPCH 1010 | Fundamentals of Speech | 0 | 3 | ECED 2060 | Development of Exceptional Children | 0 | 3 |
| EDU 1120 | Teaching and Technology | 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 |
| GEOG 1030 | Survey of Geology | 0 | 4 | HIST 2010, 2020 | Survey of American History I, II | 3 | 3 |
| GEOG 1030 | Cultural Geography | 0 | 3 | MATH 1410, 1420 | Number Concepts, Geometry | 3 | 3 |
| ARTA or MUSA 1030 | Art or Music Appreciation | 0 | 3 | PSCI 1030 | Intro to Physical Science | 4 | 0 |
| | Total | 13 | 16 | | Total | 16 | 15 |

TENNESSEE TECHNOLOGICAL UNIVERSITY
EARLY CHILDHOOD EDUCATION (PREK-4 LICENSURE) - BACHELOR OF SCIENCE DEGREE

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

| Junior Year | | | Senior Year | | |
|-------------|--|-----------|-------------|-------------------------------|-----------|
| CFS 2410 | Practicum: Young Children with Special Needs | 1 | ECSP 4300 | Assessment of Young Children | 3 |
| CFS 3600 | Family Community & Prof. Partnerships | 2 | ECSP 4871 | Residency I | 5 |
| ECED 3310 | Practicum: Concepts for Young Children | 1 | ECSP 4872 | Professional Seminar I | 5 |
| ECSP 3001 | Curriculum for Infants, Toddlers & Preschoolers | 3 | ECSP 4881 | Residency II | 10 |
| ECSP 3211 | Practicum: Procedures for Infants, Toddlers & Preschoolers | 1 | ECSP 4882 | Professional Seminar II | 2 |
| ECED 3301 | Math, Science & Social Studies for the Young Child | 7 | MUS 1074 | Music to Meet Except Ed Needs | 1 |
| ECSP 4000 | Developmentally Appropriate Practices: Birth-Preschool | 3 | | | |
| ECSP 4100 | Developmentally Appropriate Practices: K-4 | 3 | | | |
| FOED 3010 | Integrating Instructional Technology | 3 | | | |
| FOED 3810 | Field Experiences in Education | 2 | | | |
| HEC 3520 | Parenting and Child Guidance | 2 | | | |
| READ 3311 | Literacy I | 7 | | | |
| | Total | 35 | | Total | 25 |

¹MATH 1010 is not required for the Bachelor of Science degree in Special Education.

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.

COLLEGE OF ENGINEERING

8/28/13

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 ³ | 3 | 3 | Humanities/Fine Arts Electives | 3 | 3 |
| | | | Social/Behavioral Science Electives | 3 | 3 |
| Total | 14 | 17 | Total | 18 | 20 |

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 ² | 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 2011 Chemical & Biological Engineering Process Analysis | CHE 4240 Chemical Engineering Capstone Lab |
| CHE 1510 Computer Apps in CHE | 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 ⁴ |
| 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 ³ | |
| CEE 2110, ECE 3810 or BIOL 3200 | |
| Total | Total |
| | 33 |
| | 33 |

¹Survey of American History I, II are not required for a bachelor of science degree in chemical engineering.

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

³Three hours of Technical Electives can be from any of the following courses:

- Any College of Engineering course at the 3000 or 4000 level.
- Any BIOL/CHEM/MATH/PHYS at the 3000 or 4000 level.
- CEE 2100
- Any course with the prior approval of the ChE Undergraduate Program Coordinator.
- Note that CEE 2100, BIOL 3200 and ECE 3810 cannot count both as a Technical Elective and as part of the CEE 2100/ECE 3810/BIOL 3200 option.

⁴Three hours of ChE Technical Electives must come from one of the following courses:

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

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

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 ³ | 3 | 3 | Social/Behavioral Science Elective | 3 | 0 |
| Total | 14 | 16 | Total | 14 | 13 |

TENNESSEE TECHNOLOGICAL UNIVERSITY
COMPUTER ENGINEERING-BACHELOR OF SCIENCE DEGREE

Advisor: Dr. Charles Carnal, Faculty Advisor
Brown Hall 217, Phone: (931) 372-3397
Recommend the advisor be contacted prior to transfer.

| | | | | |
|---|-----------|--|--|-----------|
| Third Year | | | Fourth Year | |
| CSC 2100, 2101 Intro to Problem Solving and Computer Programming, Lab | 4 | | 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 2010 Electric Circuits I | 3 | | CSC 4200 Computer Networks | 3 |
| ECE 2011 EE Lab I | 1 | | ECE 2001 Computer Aided Engineering in ECE | 1 |
| ECE 2020 Electric Circuits II | 3 | | ECE 3020 Discrete-Time Signals and Systems | 3 |
| ECE 2110 Intro to Digital Systems | 3 | | ECE 3060 EE Lab II | 1 |
| ECE 3010 Signals & Systems | 3 | | ECE 3300 Electronics I | 3 |
| MATH 3470 Intro Probability and Statistics | 3 | | ECE 3160 Digital Systems Lab | 1 |
| Total | 24 | | ECE 3120 Microcomputer Systems | 3 |
| | | | ECE 4910 Professional Issues in ECE | 1 |
| Fifth Year | | | MATH 2010 Maxtrix Algebra | 3 |
| ECE 4110 Sequential Logic Design | 3 | | Total | 24 |
| ECE 4120 Fundamentals of Computer Design | 3 | | | |
| ECE 4140 Embedded System Design | 3 | | | |
| EE Lab elective ² | 1 | | | |
| ECE 4961, 4971 Capstone Design I, II | 6 | | | |
| EE Elective ² | 3 | | | |
| Comp. Eng Elective ² | 3 | | | |
| CSC 4100 Operating Systems | 3 | | | |
| CS elective ² | 3 | | | |
| Total | 28 | | | |

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

²Select from the ECE Department approved list.

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

DEPARTMENT OF MANUFACTURING AND 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 ¹ | | 3 |
| | Treatment | 3 | Area of Emphasis | | 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 |

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

²Select 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, 4990; CHEM 3710 and ME 4430

Emphasis II - Technology Management

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

8/28/13

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 | | | |
| Total | 16 | 16 | Total | 20 | 14 |

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 ² | 3 |
| HIST 2010, 2020 ² American History I, II | 6 |
| MATH 1130 College Algebra | 3 |
| SOC 1010 or 1100 | 3 |
| Humanities/Fine Arts Elective ⁴ | 3 |
| Electives ⁵ | 13 |
| Total | 31 |

| Junior Year | | Senior Year | |
|--|-----------|--|-----------|
| NLN ¹ 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 ³ | 33 | NURS 4300 Research in Health Care | 3 |
| NURS 3260, 3261 Health Assessment & Promotion | 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 |
| Total | 43 | Total | 18 |

¹If 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.

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

³Credit 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).

⁴Courses must be selected from the general education list.

⁵Courses must be selected from the MSCC/TTU transfer equivalency table

www.tntech.edu/transfers/transfertablesagreements. Any 2 three-hour courses not otherwise required.

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

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

2013-2014

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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