LIST OF COURSES
Creative Arts Core *
BCIS 1305 - Business Computer Applications
ENGL 1301 - Composition I
ENGL 1302 - Composition II
Language, Philosophy, Culture Core **
GOVT 2305 - Federal Government
GOVT 2306 - Texas Government
HIST 1301 - US History I
HIST 1302 - US History II
MATH 1316 - Trigonometry
MATH 2413 - Calculus I
MATH 2414 - Calculus II
MATH 2415 - Calculus III
PSYC 1300 - Learning Frameworks
Science Core + lab
SPCH 1315 - Public Speaking
1 hr elective

YEAR 1

<table>
<thead>
<tr>
<th>FALL</th>
<th>SPRING</th>
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<tbody>
<tr>
<td>ENGL 1301</td>
<td>ENGL 1302</td>
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<tr>
<td><strong>ENGL 2327 or 2328 or 2332 or 2333 OR HIST 2321 or 2322</strong></td>
<td>GOVT 2305</td>
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<td>Core Science + Lab</td>
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<td>HIST 1301</td>
<td>PSYC 2301 or 2308 or 2314 or SOCI 1301</td>
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<td>MATH 1316</td>
<td>MATH 2413</td>
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<td><strong>ENGL 2327 or 2328 or 2332 or 2333 OR HIST 2321 or 2322</strong></td>
<td>GOVT 2306</td>
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<tr>
<td>Core Science + Lab</td>
<td>PSYC 2301 or 2308 or 2314 or SOCI 1301</td>
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<tr>
<td>HIST 1302</td>
<td>1 Hour Elective</td>
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<tr>
<td>SPCH 1315</td>
<td>*ARTS 1301 or DRAM 1310 or 2366 or MUSI 1306</td>
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<tr>
<td>MATH 2415</td>
<td>MATH 2413</td>
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Consult the catalog of the four-year institution to which you intend to transfer.

LEARNING OUTCOMES/MARKETABLE SKILLS
Critical Thinking | Teamwork | Communication | Empirical & Quantitative Reasoning | Problem-Solving | Numeracy | Organization | Self-Discipline | Time Management | Leadership

EDUCATIONAL OPPORTUNITIES
B.A. Business | B.S. Math Education | B.A. Marking | B.S. Engineering | B.S. Mathematics | B.S. CIS | B.S. Statistics | B.S. Computer Science

CAREER OPPORTUNITIES (B.S. or Higher)
Financial Analyst | Actuary | Accountant | Data Analyst | Statistician | Math Teacher

HIGH SCHOOL ENDORSEMENTS
STEM | Business & Industry | Multi-Disciplinary

LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:
Texas A&M Texarkana Department of Mathematics: http://www.tamut.edu/Academics/Colleges-and-Departments/STEM/Mathematics/index.html
Stephen F. Austin State University Department of Mathematics: http://www2.sfasu.edu/math/
University of North Texas Department of Mathematics: http://math.unt.edu/
Southern Arkansas University Department of Mathematics and Computer Science: https://web.saumag.edu/directory/departments/college-of-science-technology/mathematics-computer-science/
National Association of Mathematicians: http://www.nam-math.org/

Start Smart. Finish Strong.
### Texarkana College Core Curriculum

<table>
<thead>
<tr>
<th>Component Area &amp; Number</th>
<th>SCH</th>
<th>Courses to Choose From:</th>
</tr>
</thead>
</table>
| (010) Communication     | 6   | ENGL 1301: Composition I (3)  
                          |     | ENGL 1302: Composition II (3)  
                          |     | or  
                          |     | ENGL 2311: Technical & Business Writing (3)  |
| (020) Mathematics       | 3   | MATH 1314: College Algebra (3)  
                          |     | MATH 1316: Plane Trigonometry (3)  
                          |     | MATH 1324: Finite Math (3)  
                          |     | MATH 1325: Calculus for Business & Social Science (3)  
                          |     | MATH 1332: Math for Liberal Arts (3)  
                          |     | MATH 1350: Fundamentals of Math I (3)  
                          |     | MATH 1442: Elementary Statistical Methods (4)  
                          |     | MATH 2412: Pre-Calculus (4)  
                          |     | MATH 2413: Calculus I (4)  |
| (030) Life & Physical Sciences | 6   | BIOL 1322: Nutrition & Diet Therapy (3)  
                          |     | BIOL 1306: Biology for Science Majors I (3)  
                          |     | BIOL 1307: Biology for Science Majors II (3)  
                          |     | BIOL 1308: Biology for Non-Science Majors I (3)  
                          |     | BIOL 1309: Biology for Non-Science Majors II (3)  
                          |     | MATH 1311: General Biology (3)  
                          |     | MATH 1313: General Zoology (3)  
                          |     | BIOL 2301: Anatomy & Physiology I (3)  
                          |     | BIOL 2302: Anatomy & Physiology II (3)  
                          |     | BIOL 2306: Environmental Biology (3)  
                          |     | BIOL 2320: Microbiology for Non-Science Majors (3)  
                          |     | BIOL 2321: Microbiology for Science Majors (3)  
                          |     | CHEM 1305: Introductory Chemistry I (3)  
                          |     | CHEM 1311: General Chemistry I (3)  
                          |     | CHEM 1312: General Chemistry II (3)  
                          |     | CHEM 1419: Introductory Organic and Biochemistry (4)  
                          |     | GEOG 1303: Physical Geology (3)  
                          |     | PHYS 1301: College Physics I (3)  
                          |     | PHYS 1303: Stars & Galaxies (3)  
                          |     | PHYS 1304: Solar System (3)  
                          |     | PHYS 1315: Physical Science I (3)  
                          |     | PHYS 2325: University Physics I (3)  |
| (040) Language, Philosophy & Culture | 3   | ENGL 2322 British Literature I (3)  
                          |     | ENGL 2323 British Literature II (3)  
                          |     | ENGL 2327: American Literature I (3)  
                          |     | ENGL 2328: American Literature II (3)  
                          |     | ENGL 2333: World Literature I (3)  
                          |     | ENGL 2334: Forms in Literature (3)  
                          |     | HST 2321: World Civilizations I (3)  
                          |     | HST 2322: World Civilizations II (3)  
                          |     | PHIL 2306 Introduction to Ethics (3)  
| (050) Creative Arts     | 3   | ARTS 1301: Art Appreciation (3)  
                          |     | DRAM 1310: Introduction to Theater (3)  
                          |     | DRAM 2366: Development of the Motion Picture I (3)  
                          |     | MUSI 1306: Music Appreciation (3)  
| (060) American History  | 6   | HIST 1301: United States History I (3)  
                          |     | HIST 1302: United States History II (3)  
| (070) Government/Political Science | 6   | GOVT 2305: Federal Government (3)  
                          |     | GOVT 2306: Texas Government (3)  
| (080) Social & Behavioral Sciences | 3   | COMM 1307: Introduction to Mass Communication (3)  
                          |     | GEOG 1303: World Regional Geography (3)  
                          |     | PSYC 2301: General Psychology (3)  
                          |     | PSYC 2305: Child Psychology (3)  
                          |     | PSYC 2314: Lifespan Growth & Development (3)  
                          |     | SOC 1301: Introductory Sociology (3)  
                          |     | ECON 2301: Principles of Macroeconomics (3)  
                          |     | ECON 2302: Principles of Microeconomics (3)  
| (090) Component Area Option | 6   | Choose one Speech Course (3 SCH)  
                          |     | SPCH 1315: Public Speaking (3)  
                          |     | SPCH 1318: Interpersonal Communication (3)  
                          |     | SPCH 1321: Business & Professional Speaking (3)  
                          |     | Choose 3 SCH from the following:  
                          |     | BGS 1305: Business Computer Applications (3)  
                          |     | MATH 2413: Calculus II (3)  
                          |     | PSY 1300/EDUC 1300 Learning Frameworks (3)  
                          |     | The following are labs that should be taken with lecture courses for those needing 8 SCH of Life & Physical Sciences for a degree:  
                          |     | BIOL 1106: Biology for Science Majors I (lab) (1)  
                          |     | BIOL 1107: Biology for Science Majors II (lab) (1)  
                          |     | BIOL 1108: Biology for Non-Science Majors I (lab) (1)  
                          |     | BIOL 1109: Biology for Non-Science Majors II (lab) (1)  
                          |     | BIOL 1111: General Botany (lab) (1)  
                          |     | BIOL 1113: General Zoology (lab) (1)  
                          |     | BIOL 2101: Anatomy & Physiology I (lab) (1)  
                          |     | BIOL 2102: Anatomy & Physiology II (lab) (1)  
                          |     | BIOL 2120: Microbiology for Non-Science Majors (lab) (1)  
                          |     | BIOL 2121: Microbiology for Science Majors (lab) (1)  
                          |     | CHEM 1105: Introductory Chemistry I (lab) (1)  
                          |     | CHEM 1111: General Chemistry I (lab) (1)  
                          |     | CHEM 1112: General Chemistry II (lab) (1)  
                          |     | PHYS 1101: College Physics I (lab) (1)  
                          |     | PHYS 1103: Stars & Galaxies (lab) (1)  
                          |     | PHYS 1104: Solar System (lab) (1)  
                          |     | PHYS 1115: Physical Science I (lab) (1)  
                          |     | PHYS 2125: University Physics (lab) (1)  |

**Total Minimum Requirements**: 42

**TEXARKANA COLLEGE**  
2500 N. Robison Rd. | Texarkana, TX 75599  
texarkanacollege.edu | 903.823.3456  
TC does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs or activities. The following person has been designated to handle inquiries regarding the nondiscrimination policies:  
Human Resources Director, 2500 N. Robison Rd., Texarkana, TX, 75599 (903) 823-3017 human.resources@texarkanacollege.edu