



# TEXARKANA COLLEGE

## Air Conditioning | Associate of Applied Science

Thomas Holt | Director of Workforce Education | [thomas.holt@texarkanacollege.edu](mailto:thomas.holt@texarkanacollege.edu) | 903.823.3232

### LIST OF COURSES

HART 1401-Basic Electricity for HVAC  
 HART 1356-EPA Recovery Certification Preparation  
 HART 1410-HVAC Shop Practices and Tools  
 HART 1407-Refrigeration Principles  
 LEAD 1100-Development with Critical Thinking  
 HART 2338-Air Conditioning Installation & Startup  
 HART 1341-Residential Air Conditioning  
 HART 1303-Air conditioning Control Principles  
 HART 2336-Air Conditioning Troubleshooting  
 HART 2450-HVAC Zone Controls  
 HART 1345-Gas & Electric Heating  
 HART 2349-Heat Pumps  
 HART 2431-Advanced Electricity for HVAC  
 ENGL 1301– Composition 1  
 SPCH 1315– Public Speaking  
 BCIS 1305-Business Computer Application  
 College Level Math or Natural Science  
 Social Science Elective  
 Art/Drama/Music Elective

SEMESTER 1	SEMESTER 3
HART 1401	HART 2450
HART 1356	HART 1345
HART 1410	HART 2349
HART 1407	HART 2431
SEMESTER 2	SEMESTER 4
LEAD 1100	SPCH 1315 (core)
HART 2338	ENGL 1301 (core)
HART 1341	BCIS 1305 or EDUC 1300 (core)
HART 1303	College Level Math (core) or Natural Science
HART 2336	Social Science Elective (core)
	Arts/Drama/Music Elective (core)

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Problem Solving | Organization | Time Management | Customer Service

### EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

### CAREER OPPORTUNITIES

HVAC Technician | HVAC Contractor | Maintenance Supervisor | Refrigeration Technician

### HIGH SCHOOL ENDORSEMENTS

Business and Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

<http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAAS%20Program.html>

*Start Smart. Finish Strong.*

# HVAC Technology

There's nothing better than the first blast of crisp air conditioning on hot skin - or stepping into your warm home on a frigid day. Setting up and maintaining heating and air systems is always in demand. This program will provide you with HVAC knowledge, customer service and sales training, and EPA certification.

## PROGRAMS AVAILABLE

Associate of Applied Science

HVAC 1-Year Certificate

HVAC Technician 1-Semester Certificate

## WHAT YOU'LL LEARN

Electricity for HVAC | HVAC shop practices & tools | Refrigeration principles | Air conditioning installation | Heat pumps | Air conditioning control principles | Air conditioning troubleshooting | HVAC zone controls | Gas & electric heating

## TYPICAL JOBS AFTER COMPLETION

Heating & Air Conditioning Mechanic & Installer

Refrigeration Mechanic & Installer

Home Appliance Repairer

## MEDIAN PAY

\$39,320 per year for heating, air conditioning and refrigeration mechanics and installers in the Texarkana area.

## JOB OUTLOOK

Heating, air conditioning and refrigeration mechanics and installers job opportunities are expected to grow by 14% over the next 10 years.

## OTHER INTERESTS

If you're interested in Air Conditioning/Heating & Refrigeration Technology (HVAC), you may be interested in these other programs in Manufacturing & Technology as well: Construction Technology | Electrical Technology | Electronics Technology/Instrumentation | Industrial Maintenance/Multi-Craft | Welding

## CAREER COACH AND CAMPUS TOURS

Visit [texarkanacollege.edu/careercoach](http://texarkanacollege.edu/careercoach) to take a short Career Assessment quiz to help you determine what career paths may be right for you. You can also use this site to browse the programs that Texarkana College offers to help get you there.

Once you've decided Texarkana College might be a place for you to start, give our Enrollment Services staff a call at (903) 823.3012 or visit [texarkanacollege.edu/tour](http://texarkanacollege.edu/tour) to schedule your campus visit.

## TEXARKANA COLLEGE

2500 N. Robison Rd. | Texarkana, TX 75599

[texarkanacollege.edu](http://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](mailto:human.resources@texarkanacollege.edu)



# TEXARKANA COLLEGE

## Auto Body Technology | Associate of Applied Science

Thomas Holt | Director of Workforce Education | [thomas.holt@texarkanacollege.edu](mailto:thomas.holt@texarkanacollege.edu) | 903.823.3232

### LIST OF COURSES

ABDR 1203 - Vehicle Design & Structural Analysis  
 ABDR 1307 - Collision Repair Welding  
 ABDR 1201 - Auto Body Repair & Repaint  
 ABDR 1411 - Measurement & Damage Repair  
 ABDR 1431 - Basic Refinishing  
 ABDR 1349 - Plastic & Sheet Repair  
 ABDR 1419 - Basic Metal Repair  
 ABDR 1441 - Structural Analysis & Damage Repair I  
 ABDR 2257 - Collision Repair Shop Management  
 ABDR 2166 - Practicum  
 ABDR 2255 - Collision Repair Estimating  
 ABDR 2345 - Vehicle Safety Systems  
 ABDR 2359 - Structural Sectioning  
 ABDR 2447 - Advanced Collision Repair Welding  
 LEAD 1100 - Development with Critical Thinking  
 SPCH 1315 - Public Speaking  
 ENGL 1301 - Composition 1  
 BCIS 1305 OR EDUC 1300 - Business/Learning frame.  
 College Level Math or Natural Science  
 Social Science Elective  
 Art/Drama/Music Elective

SEMESTER 1	SEMESTER 3
ABDR 1203	ABDR 2166
ABDR 1307	ABDR 2255
ABDR 1201	ABDR 2345
ABDR 1411	ABDR 2359
ABDR 1431	ABDR 2447
SEMESTER 2	SEMESTER 4
LEAD 1100	SPCH 1315 (core)
ABDR 1349	ENGL 1301 (core)
ABDR 1419	BCIS 1305 or EDUC 1300 (core)
ABDR 1441	College Level Math (core) or Natural Science
ABDR 2257	Social Science Elective (core)
	Arts/Drama/Music Elective (core)

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Problem Solving | Customer Service | Organization | Time Management

### EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

### CAREER OPPORTUNITIES

Automotive Collision Repair Technician | Automotive/Heavy Equipment Painter | Auto Restoration Specialist/Custom Car Builder | Collision or Insurance Estimator/Inspector | Parts Manager | Body Shop Owner/Manager

### HIGH SCHOOL ENDORSEMENTS

Business and Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

<http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAAS%20Program.html>

*Start Smart. Finish Strong.*

# Auto Body Technology

Maintaining today's high-tech vehicles is about more than just making sure the engine is functioning. Earning a degree or certificate in auto body technology means you'll be able to repair just about any type of auto body damage with techniques like sheet metal welding, metal finishing, paint preparation, and refinishing.

## PROGRAMS AVAILABLE

Associate of Applied Science

1-Year Certificate

1-Semester Certificate

## WHAT YOU'LL LEARN

Collision repair & painting | Structural analysis | Welding for collision repair | Plastic and composite repair | Metal repair | Panel alignment | Vehicle safety systems | Estimating

## TYPICAL JOBS AFTER COMPLETION

Collision Repair Technician

Paint Prep Technician or Painter

Parts Technician

Auto Damage Estimator

Restoration/Customization

Vehicle Salvage Technician

Automotive/Body Shop Business Owner

## MEDIAN PAY

\$53,000 per year for automotive body repairers

## JOB OUTLOOK

Job opportunities in automotive body repair are expected to grow by 9% over the next 10 years.

## CAREER COACH AND CAMPUS TOURS

Visit [texarkanacollege.edu/careercoach](http://texarkanacollege.edu/careercoach) to take a short Career Assessment quiz to help you determine what career paths may be right for you. You can also use this site to browse the programs that Texarkana College offers to help get you there.

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Texarkana College  
Degree Plan  
2023-2024

**Associate of Applied Science Degree**

Major: Barber

**Bring in this degree plan every time you meet with an advisor for updating.**

**Expires in 5 years**

Student Name \_\_\_\_\_ ID# \_\_\_\_\_ FA student \_\_\_\_\_ VA student \_\_\_\_\_

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Advisor's Name \_\_\_\_\_ Advisor's Signature \_\_\_\_\_

Is remediation required? \_\_\_\_\_ Yes \_\_\_\_\_ No TSIA scores: \_\_\_\_\_ Reading \_\_\_\_\_ Math \_\_\_\_\_ Writing \_\_\_\_\_

Comments \_\_\_\_\_

TC Course TCCN	Required Courses Title	Credit Hours	Semester Course Completed	Grade	Comments
<b>WECM Courses – 30 Total Hours</b>					
BARB 1307	Introduction to Hair Design <sup>12</sup>	3			
BARB 1210	Manicuring and Facials for Barbers <sup>12</sup>	2			
BARB 1404	Introduction to Barber Styling <sup>12</sup>	4			
BARB 1402	Barber Styling I <sup>12</sup>	4			
LEAD 1100	Workforce Development with Critical Thinking <sup>12</sup>	1			
BARB 2440	Preparation for the State Licensing Examination <sup>12</sup>	4			
BARB 2432	Barber Law and Shop Management I <sup>12</sup>	4			
BARB 2431	Advanced Barber Styling I <sup>12</sup>	4			
BARB 2441	Advanced Barber Styling II <sup>12</sup>	4			
<b>TOTAL WECM HOURS</b>		<b>30</b>			
<b>ACGM Courses – 30 Total Hours</b>					
ENGL 1301	Composition I <sup>1</sup>	3			
ARTS 1301	Art Appreciation <sup>5</sup>	3			
<b>OR</b>	<b>OR</b>				
MUSI 1306	Music Appreciation <sup>5</sup>				
<b>OR</b>	<b>OR</b>				
DRAM 1310	Theater Appreciation <sup>5</sup>				
XXXX x3xx	College Level Math <sup>2</sup>	3			
GOVT 2305	Federal Government <sup>7</sup>	3			
HIST 1301	United States History I <sup>6</sup>	3			
ENGL 1302	Composition II <sup>1</sup>	3			
SPCH 1315	Public Speaking <sup>9</sup>	3			
BCIS 1305	Business Computer Applications <sup>9</sup>	3			
<b>OR</b>	<b>OR</b>				
EDUC/PSYC 1300	Learning Frameworks <sup>9</sup>				
HIST 1302	United States History II <sup>6</sup>	3			
GOVT 2306	Texas Government <sup>7</sup>	3			
<b>TOTAL ACGM HOURS</b>		<b>30</b>			
<b>Total Credit Hours</b>		<b>60</b>			

Many courses have pre-requisite or co-requisites and/or TSI requirements that must be met. Check course descriptions in the TC Catalog.

### Explanation for Superscripts

<p><b>1</b> <b>Communication Block (010):</b> Complete each of the following: ENGL 1301 <b>and</b> ENGL 1302 or 2311</p>	<p><b>2</b> <b>Mathematics Block (020):</b> Complete one of the following: MATH 1314, 1316, 1324, 1325, 1332, 1350, 1442, 2412, or 2413</p>
<p><b>3</b> <b>Life &amp; Physical Sciences Block (030):</b> Complete two of the following: BIOL 1306, 1307, 1308, 1309, 1311, 1313, 1322, 2301, 2302, 2306, 2320, 2321; CHEM 1305, 1307, 1311, 1312, 1419; GEOL 1303; PHYS 1301, 1303, 1304, 1315, 2325</p>	<p><b>4</b> <b>Language, Philosophy, &amp; Culture Block (040):</b> Complete one of the following: ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2341; HIST 2321, 2322; PHIL 2306</p>
<p><b>5</b> <b>Creative Arts Block (050):</b> Complete one of the following: ARTS 1301, 1310; DRAM 1310, 2366; MUSI 1306</p>	<p><b>6</b> <b>American History Block (060):</b> Complete each of the following: HIST 1301 <b>and</b> 1302</p>
<p><b>7</b> <b>Government/Political Science Block (070):</b> Complete each of the following: GOVT 2305 <b>and</b> 2306</p>	<p><b>8</b> <b>Social &amp; Behavioral Sciences Block (080):</b> Complete one of the following: COMM 1307; ECON 2301, 2302; GEOG 1303; PSYC 2301, 2308, 2314; SOCI 1301</p>
<p><b>9</b> <b>Component Area Option Block (090):</b> <b>Choose one from the following:</b> SPCH 1315; SPCH 1318; SPCH 1321 <b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.  <b>AND</b>  <b>Choose one from the following:</b> BCIS 1305; MATH 2413; PSYC/EDUC 1300</p>	<p><b>10</b> <b>Lab Science Course</b> Choose a lab science course that corresponds to the Life &amp; Physical Sciences courses you take: BIOL 1106, 1107, 1108, 1109, 1111, 1113, 2101, 2102, 2120, 2121; CHEM 1105, 1107, 1111, 1112; PHYS 1101, 1103, 1104, 1115, 2125</p>
<p><b>11</b> <b>Elective Option:</b> Choose any college level course</p>	<p><b>12</b> <b>Degree Requirement</b> This course is required for this particular degree</p>

Students are advised to refer to the course descriptions for all courses identified in the degree plan to ensure they have completed the appropriate prerequisites.

Students planning to transfer to a four-year institution should check degree requirements of the college or university to which they plan to transfer.

Fall 2023

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# TEXARKANA COLLEGE

## Barber Styling | Associate of Applied Science

Thomas Holt | Director of Workforce Education | thomas.holt@texarkanacollege.edu | 903.823.3232

### LIST OF COURSES

BARB 1307– Introduction to Hair Design  
 BARB 1210– Manicuring and Facials for Barbers  
 BARB 1404– Introduction to Barber Styling  
 BARB 1402– Barber Styling I  
 BARB 2440– Preparation for the State Licensing Examination  
 BARB 2432– Barber Law and Shop Management I  
 BARB 2431– Advanced Barber Styling I  
 BARB 2441– Advanced Barber Styling II  
 LEAD 1100– Development with Critical Thinking  
 SPCH 1315– Public Speaking  
 ENGL 1301– Composition 1  
 ENGL 1302 – Composition 2  
 GOVT 2305 – Federal Government  
 GOVT 2306 – Texas Government  
 HIST 1301 – United States History I  
 HIST 1302 – United States History II  
 College Level Math or Natural Science  
 BCIS 1305 OR EDUC 1300-Business/Learning Frame  
 Art/Drama/Music Elective

SEMESTER 1	SEMESTER 3
BARB 1307	ENGL 1301 (core)
BARB 1210	ARTS 1301 or DRAM 1310 or MUSI 1306 (core)
BARB 1404	Math or Natural Science (core)
BARB 1402	GOVT 2305 (core)
LEAD 1100	HIST 1301 (core)
SEMESTER 2	SEMESTER 4
BARB 2440	ENGL 1302 (core)
BARB 2432	SPCH 1315
BARB 2431	BCIS 1305 or EDUC 1300 (core)
BARB 2441	HIST 1302 (core)
	GOVT 2306 (core)

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Sales & Marketing | Problem Solving | Customer Service | Organization | Time Management | Cultural Awareness

### EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

### CAREER OPPORTUNITIES

Self-employed Barber | Manufacturing Product Developer | Educator | Mobile Shop Owner | Platform Artist | Product Sales | Editorial Barber

### HIGH SCHOOL ENDORSEMENTS

Business and Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

<http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAAS%20Program.html>

*Start Smart. Finish Strong.*

# Barber Styling

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Texarkana College has launched a new barber program aimed at providing students with the skills and knowledge necessary to become licensed barbers. The program will cover a range of topics including hair cutting and styling, facial hair grooming, and sanitation and safety practices. With a combination of classroom instruction and hands-on training, students can expect to be well-prepared for a career in the barbering industry.

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## PROGRAMS AVAILABLE

Associate of Applied Science  
Barber 1-Year Certificate

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## WHAT YOU'LL LEARN

Barber fundamentals | Cutting, trimming, and styling hair | Trimming beards | Giving shaves | Running a successful barber shop

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## TYPICAL JOBS AFTER COMPLETION

Self-employed Barber  
Manufacturing Product Developer  
Mobile Shop Owner  
Platform Artist

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## MEDIAN PAY

\$24,453 per year not including tips for barbers in the Texarkana area.

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## JOB OUTLOOK

Barber job opportunities are expected to grow by 10% over the next 10 years.

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## CAREER COACH AND CAMPUS TOURS

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# TEXARKANA COLLEGE

## Behavioral Science | Associate of Arts

Dr. Dixon Boyles | Dean of BSS | john.boyles@texarkanacollege.edu | 903.823.3192

### LIST OF COURSES

ENGL 1301 - Composition I  
 ENGL 1302 - Composition II  
 Core Creative Arts\*  
 Core Language, Philosophy, and Culture\*  
 GOVT 2305 - Federal Government  
 GOVT 2306 - Texas Government  
 HIST 1301 - U.S. History I  
 HIST 1302 - U.S. History II  
 MATH 1324 - Math for Business & Social Sciences (or other)\*  
 PSYC 1300 - Learning Frameworks  
 PSYC 2301 - General Psychology  
 PSYC 2308 - Child Psychology  
 PSYC 2314 - Lifespan Growth & Development  
 Core Science + lab\*  
 Core Science + lab\*  
 SOCI 1301 - Introductory Sociology  
 SOCI 2301 - Marriage & Family  
 SPCH 1315 - Public Speaking  
 \*Complete core curriculum chart on back

YEAR 1	YEAR 2
<b>FALL</b>	<b>FALL</b>
PSYC 1300	GOVT 2306
ENGL 1301	PSYC 2308
HIST 1301	SOCI 1301
MATH 1324	Core Science + Lab
Elective	Core Language, Philosophy, Culture
<b>SPRING</b>	<b>SPRING</b>
ENGL 1302	PSYC 2301
GOVT 2305	PSYC 2314
HIST 1302	Core Science + Lab
Core Creative Arts	SOCI 2301
SPCH 1315	1 Hour Elective

*Consult the catalog of the four-year institution to which you intend to transfer.*

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical thinking | Leadership | Teamwork | Ethical Decision Making | Communication | Organization | Empirical and Quantitative Reasoning | Time Management | Self-Discipline | Cultural Awareness

### EDUCATIONAL OPPORTUNITIES

B.A. Criminal Justice | B.A. Psychology | B.A. Sociology

### CAREER OPPORTUNITIES (B.A. OR HIGHER)

Consumer Science | Customer Service | Health Science Manager | Human Resources Specialist | Law Enforcement/Probation & Parole | Social Services Manager | Youth Services | Urban Planning | Child Protective Services

### HIGH SCHOOL ENDORSEMENTS

Public Service | Arts & Humanities | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

Texas A&M Texarkana College of Arts, Sciences, and Education: <http://www.tamut.edu/Academics/Colleges-and-Departments/CASE/index.php>  
 Stephen F. Austin State University College of Liberal and Applied Arts: <http://www.sfasu.edu/laa/>  
 University of North Texas College of Liberal Arts and Social Sciences: <https://class.unt.edu/departments?cta=hero>  
 Southern Arkansas University College of Liberal and Performing Arts: <https://web.saumag.edu/lpa/>  
 American Association of Behavioral Sciences: <http://www.aabss.net/>  
 American Sociological Association: <http://www.asanet.org/>  
 American Psychological Association: <http://www.apa.org/>

*Start Smart. Finish Strong.*

# Texarkana College Core Curriculum

Component Area & Number	SCH	Courses to Choose From:		
(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	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;">                     BIOL 1322: Nutrition &amp; 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)                      BIOL 1311: General Biology (3)                      BIOL 1313: General Zoology (3)                      BIOL 2301: Anatomy &amp; Physiology I (3)                      BIOL 2302: Anatomy &amp; Physiology II (3)                      BIOL 2306: Environmental Biology (3)                      BIOL 2320: Microbiology for Non-Science Majors (3)                 </td> <td style="width: 50%; vertical-align: top;">                     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 1307: Introductory Chemistry II (3)                      GEOL 1303: Physical Geology (3)                      PHYS 1301: College Physics I (3)                      PHYS 1303: Stars &amp; Galaxies (3)                      PHYS 1304: Solar System (3)                      PHYS 1315: Physical Science I (3)                      PHYS 2325: University Physics I (3)                 </td> </tr> </table>	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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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)
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(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 2332: World Literature I (3) ENGL 2333: World Literature II (3) ENGL 2341 Forms in Literature (3) HIST 2321: World Civilizations I (3) HIST 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 2308: Child Psychology (3) PSYC 2314: Lifespan Growth & Development (3) SOCL 1301: Introductory Sociology (3) ECON 2301: Principles of Macroeconomics (3) ECON 2302: Principles of Microeconomics (3)		
(090) Component Area Option	6 3  3	<p><b>Choose 3 SCH from the following:</b>                      SPCH 1315: Public Speaking (3)                      SPCH 1318: Interpersonal Communication (3)                      SPCH 1321: Business &amp; Professional Speaking (3) or                      any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413: Calculus, which is listed below.</p> <p><b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.</p> <p><b>AND</b></p> <p><b>Choose 3 SCH from the following:</b>                      BCIS 1305: Business Computer Applications (3)                      MATH 2413: Calculus I (4)                      PSYC 1300/EDUC 1300 Learning Frameworks (3)</p>		
<b>Total Minimum Requirements</b>	<b>42</b>	<p><b>The following are labs that should be taken with lecture courses for those needing 8 SCH of Life &amp; Physical Sciences for a degree.</b></p> 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)		

## TEXARKANA COLLEGE

2500 N. Robison Rd. | Texarkana, TX 75599  
 texarkanacollege.edu | 903.823.3456

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 Human Resources Director, 2500 N. Robison Rd., Texarkana, TX, 75599 (903) 823-3017 human.resources@texarkanacollege.edu



# TEXARKANA COLLEGE

## Biology | Associate of Science

Dr. Catherine Howard | Dean of STEM | catherine.howard@texarkanacollege.edu | 903.823.3285

### LIST OF COURSES

Creative Arts Core \*

BIOL 1306/1106 - Majors Biology I/lab  
 BIOL 1307/1107 - Majors Biology II/lab  
 CHEM 1311/1111 - General Chemistry I/lab  
 CHEM 1312/1112 - General Chemistry II/lab  
 CHEM 2323/2123 - Organic Chem I/lab  
 CCHEM 2325/2125 - Organic Chem II/lab  
 ENGL 1301 - Comp. I  
 ENGL 1302 - Comp II  
 Language, Philosophy, Culture Core \*\*  
 GOVT 2305 - Federal Government  
 GOVT 2306 - Texas Government  
 HIST 1301 - US History I  
 HIST 1302 - US History II  
 MATH 1314 or 2413 - College Algebra or Cal I  
 PSYC 1300 - Frameworks of Learning  
 PSYC 2301 (or other) - General Psychology  
 SPCH 1315 - Public Speaking

YEAR 1	YEAR 2
<b>FALL</b>	<b>FALL</b>
ENGL 1301	**ENGL 2327 or 2328 or 2332 or 2333 OR HIST 2321 or 2322
CHEM 1311/1111	GOVT 2305
BIOL 1306/1106	HIST 1301
PSYC 1300	CHEM 2323/2123*
MATH 1314 or 2413	
<b>SPRING</b>	<b>SPRING</b>
ENGL 1302	GOVT 2306
CHEM 1312/1112	PSYC 2301 or 2308 or 2314 or SOCI 1301
BIOL 1307/1107	HIST 1302
SPCH 1315	*ARTS 1301 or DRAM 1310 or 2366 or MUSI 1306
	CHEM 2325/2125*

*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 | Technical Proficiency | Numeracy | Organization  
Self-Discipline | Time Management | Leadership

### EDUCATIONAL OPPORTUNITIES

B.S. Biology | B.S. Science Education | B.S. Environmental Chemistry | B.S. Medical Technology | B.S. Forensic Science

### CAREER OPPORTUNITIES

Microbiologist | Physician's Assistant | Medical Doctor | Dentist | Pharmacist | Nature Conservation Officer | Zoologist

### HIGH SCHOOL ENDORSEMENTS

STEM | Public Health | Business & Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

Texas A&M Texarkana Department of Biology: <http://www.tamut.edu/Academics/Colleges-and-Departments/STEM/Biology/index.html>  
 Stephen F. Austin State University Department of Biology: <http://www.sfasu.edu/biology/>  
 University of North Texas Department of Biology: <https://biology.unt.edu/>  
 Southern Arkansas University Department of Biological Sciences: <https://web.saumag.edu/academics/program/biological-sciences/>  
 Henderson State University Department of Biology: <http://www.hsu.edu/Biology/index.html>  
 American Institute of Biological Sciences: <https://www.aibs.org/home/index.html>

*Start Smart. Finish Strong.*

# Texarkana College Core Curriculum

Component Area & Number	SCH	Courses to Choose From:		
(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	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;">                     BIOL 1322: Nutrition &amp; 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)                      BIOL 1311: General Biology (3)                      BIOL 1313: General Zoology (3)                      BIOL 2301: Anatomy &amp; Physiology I (3)                      BIOL 2302: Anatomy &amp; Physiology II (3)                      BIOL 2306: Environmental Biology (3)                      BIOL 2320: Microbiology for Non-Science Majors (3)                 </td> <td style="vertical-align: top; width: 50%;">                     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 1307: Introductory Chemistry II (3)                      GEOL 1303: Physical Geology (3)                      PHYS 1301: College Physics I (3)                      PHYS 1303: Stars &amp; Galaxies (3)                      PHYS 1304: Solar System (3)                      PHYS 1315: Physical Science I (3)                      PHYS 2325: University Physics I (3)                 </td> </tr> </table>	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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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)
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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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 2332: World Literature I (3) ENGL 2333: World Literature II (3) ENGL 2341 Forms in Literature (3) HIST 2321: World Civilizations I (3) HIST 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 2308: Child Psychology (3) PSYC 2314: Lifespan Growth & Development (3) SOCL 1301: Introductory Sociology (3) ECON 2301: Principles of Macroeconomics (3) ECON 2302: Principles of Microeconomics (3)		
(090) Component Area Option	6 3  3	<p><b>Choose 3 SCH from the following:</b>                      SPCH 1315: Public Speaking (3)                      SPCH 1318: Interpersonal Communication (3)                      SPCH 1321: Business &amp; Professional Speaking (3) or                      any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413: Calculus, which is listed below.</p> <p><b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.</p> <p><b>AND</b></p> <p><b>Choose 3 SCH from the following:</b>                      BCIS 1305: Business Computer Applications (3)                      MATH 2413: Calculus I (4)                      PSYC 1300/EDUC 1300 Learning Frameworks (3)</p> <p><b>The following are labs that should be taken with lecture courses for those needing 8 SCH of Life &amp; Physical Sciences for a degree.</b>                      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 &amp; Physiology I (lab) (1)                      BIOL 2102: Anatomy &amp; 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 &amp; Galaxies (lab) (1)                      PHYS 1104: Solar System (lab) (1)                      PHYS 1115: Physical Science I (lab) (1)                      PHYS 2125: University Physics (lab) (1)</p>		
<b>Total Minimum Requirements</b>	<b>42</b>			



# TEXARKANA COLLEGE

## Business Office Technology | Associate of Applied Science

Brandon Washington | Dean of Workforce | brandon.washington@texarkanacollege.edu | 903.823.3192

### LIST OF COURSES

POFT 1127-Introduction to Keyboarding  
 POFT 1329-Beginning Keyboarding  
 HRPO 1280-Cooperative Edu. HRM/Personnel Admin.  
 POFT 1309-Administrative Office Procedures I  
 POFT 1319-Records & Information Management I  
 POFT 1291-Topics in Business Communications  
 POFT 2203-Speed & Accuracy Building  
 POFT 2401-Intermediate Keyboarding  
 POFT 1231-Numeric Keypad Applications  
 ACNT 1303-Introduction to Accounting I  
 TECM 1191-Special Topics in Applied Mathematics  
 POFT 2333-Advanced Keyboarding  
 ACNT 1304-Introduction to Accounting II  
 POFT 1492-Topics in Secretarial Science  
 HRPO 2288-Internship HRM Personnel Admin.  
 POFT 2387-Internship  
 LEAD 1100-Workforce Dev. with Critical Thinking  
 ENGL 1301-Composition 1  
 BCIS 1305-Business Computer Application or PSYC 1300  
 SPCH 1315-Public Speaking  
 College Level Math or Natural Science  
 Art/Drama/Music Elective  
 Social Science Elective

SEMESTER 1	SEMESTER 3
POFT 1127	POFT 2333
POFT 1329	ACNT 1304
HRPO 1280	POFT 1492
POFT 1309	HRPO 2288
POFT 1319	POFT 2387
POFT 1291	
SEMESTER 2	SEMESTER 4
POFT 2203	ENGL 1301
POFT 2401	BCIS 1305 or PSYC 1300
POFT 1231	SPCH 1315
ACNT 1303	College Level Math or Natural Science
TECM 1191	Art/Drama/Music Elective
LEAD 1100	Social Science Elective

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Problem Solving | Customer Service | Organization | Time Management

### EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

### CAREER OPPORTUNITIES (B.A. OR HIGHER)

Administrative Assistant | Legal Office Assistant | Executive Secretary | Municipal Clerk | Accounts Bookkeeping | Medical Office Assistant

### HIGH SCHOOL ENDORSEMENTS

Business & Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

<http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAA%20Program.html>

*Start Smart. Finish Strong.*

# Business Office Technology

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If you want to learn skills that will aid you in just about any industry imaginable, consider studying Business Office Technology at Texarkana College. Office jobs are about more than just answering the phone or operating a copier. Our students become fast, proficient, knowledgeable office workers who know how to look, sound and act like true professionals.

---

## PROGRAMS AVAILABLE

Associate of Applied Science | Business Office Technology 1-Year Certificate | Medical Office Procedures 1-Year Certificate | Business Office Technology 2-Semester Certificate | Business Office Technology 1-Semester Certificate

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## WHAT YOU'LL LEARN

Advanced keyboarding skills | Records & information management | Microsoft Office | Basic accounting & Quickbooks | Professional workforce behavior | Public speaking skills | Researching, drafting, revising and editing documents

---

## TYPICAL JOBS AFTER COMPLETION *(Varies based on degree/certificate chosen)*

Executive Administrative Assistant  
Legal Office Assistant  
Medical Office Assistant  
Correspondence Clerk  
File Clerk  
Data Entry

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## MEDIAN PAY

\$37,690 per year for office and administrative support workers in the Texarkana area.

---

## JOB OUTLOOK

Office and administrative support job opportunities are expected to grow by 3% over the next 10 years.

---

## CAREER COACH AND CAMPUS TOURS

Visit [texarkanacollege.edu/careercoach](http://texarkanacollege.edu/careercoach) to take a short Career Assessment quiz to help you determine what career paths may be right for you. You can also use this site to browse the programs that Texarkana College offers to help get you there. Once you've decided Texarkana College might be a place for you to start, give our Enrollment Services staff a call at (903) 823.3012 or visit [texarkanacollege.edu/tour](http://texarkanacollege.edu/tour) to schedule your campus visit.

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## TEXARKANA COLLEGE

2500 N. Robison Rd. | Texarkana, TX 75599  
[texarkanacollege.edu](http://texarkanacollege.edu) | 903.823.3456

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# TEXARKANA COLLEGE

## Business Office Technology | Associate of Applied Science

Thomas Holt | Director of Workforce Education | [thomas.holt@texarkanacollege.edu](mailto:thomas.holt@texarkanacollege.edu) | 903.823.3232

### LIST OF COURSES

ACNT 1303-Introduction to Accounting I  
 BCIS 1305-Business Computer Application or PSYC 1300  
 ENGL 1301-Composition 1  
 HRPO 1280-Cooperative Edu. HRM/Personnel Admin.  
 HRPO 2288-Internship HRM Personnel Admin.  
 LEAD 1100-Workforce Dev. with Critical Thinking  
 POFI 1349- Spreadsheets  
 POFT 1127-Introduction to Keyboarding  
 POFT 1291-Topics in Business Communications  
 POFT 1309-Administrative Office Procedures I  
 POFT 1319-Records & Information Management I  
 POFT 1325-Business Math Using Technology  
 POFT 1329-Beginning Keyboarding  
 POFT 1492-Topics in Secretarial Science  
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 POFT 2333-Advanced Keyboarding  
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 Social Science Elective

SEMESTER 1	SEMESTER 3
POFT 1127	POFT 2333
POFT 1329	POFI 1349
HRPO 1280	POFT 1492
POFT 1309	HRPO 2288
POFT 1319	POFT 2387
POFT 1291	
SEMESTER 2	SEMESTER 4
POFT 2203	ENGL 1301
POFT 2401	BCIS 1305 or PSYC 1300
POFT 1325	SPCH 1315
ACNT 1303	College Level Math or Natural Science
LEAD 1100	Art/Drama/Music Elective
	Social Science Elective

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Problem Solving | Customer Service | Organization | Time Management

### EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

### CAREER OPPORTUNITIES (B.A. OR HIGHER)

Administrative Assistant | Legal Office Assistant | Executive Secretary | Municipal Clerk | Accounts Bookkeeping | Medical Office Assistant

### HIGH SCHOOL ENDORSEMENTS

Business & Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

<http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAA%20Program.html>

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# Business Office Technology

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If you want to learn skills that will aid you in just about any industry imaginable, consider studying Business Office Technology at Texarkana College. Office jobs are about more than just answering the phone or operating a copier. Our students become fast, proficient, knowledgeable office workers who know how to look, sound and act like true professionals.

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## PROGRAMS AVAILABLE

Associate of Applied Science | Business Office Technology 1-Year Certificate | Medical Office Procedures 1-Year Certificate | Business Office Technology 2-Semester Certificate | Business Office Technology 1-Semester Certificate

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## WHAT YOU'LL LEARN

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## TYPICAL JOBS AFTER COMPLETION (Varies based on degree/certificate chosen)

Executive Administrative Assistant  
Legal Office Assistant  
Medical Office Assistant  
Correspondence Clerk  
File Clerk  
Data Entry

---

## MEDIAN PAY

\$37,690 per year for office and administrative support workers in the Texarkana area.

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## JOB OUTLOOK

Office and administrative support job opportunities are expected to grow by 3% over the next 10 years.

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## CAREER COACH AND CAMPUS TOURS

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## TEXARKANA COLLEGE

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[texarkanacollege.edu](http://texarkanacollege.edu) | 903.823.3456

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Human Resources Director, 2500 N. Robison Rd., Texarkana, TX, 75599 (903) 823-3017 [human.resources@texarkanacollege.edu](mailto:human.resources@texarkanacollege.edu)





# TEXARKANA COLLEGE

## Chemistry | Associate of Science

Dr. Catherine Howard | Dean of STEM | catherine.howard@texarkanacollege.edu | 903.823.3285

### LIST OF COURSES

Creative Arts Core\*  
CHEM 1311/111 - General Chemistry I/lab  
CHEM 1312/1112 - General Chemistry II/lab  
CHEM 2323/2123 - Organic Chem I/lab  
CHEM 2325/2125 - Organic Chem II/lab  
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 2413 - Calculus I  
PHYS 1301/1101 - College Physics I/lab (or other)  
PHYS 1302/1102 - College Physics II/lab (or other)  
PSYC 1300 of Learning  
PSYC 2301 - General Psychology (or other)  
SPCH 1315 - Public Speaking

YEAR 1	YEAR 2
<b>FALL</b>	<b>FALL</b>
ENGL 1301	**ENGL 2327 or 2328 or 2332 or 2333 OR HIST 2321 or 2322
CHEM 1311/1111	GOVT 2305
HIST 1301	PHYS 1301/1101 or 2325/2125
PSYC 1300	CHEM 2323/2123*
MATH 2413	
<b>SPRING</b>	<b>SPRING</b>
ENGL 1302	GOVT 2306
CHEM 1312/1112	PSYC 2301 or 2308 or 2314 or SOCI 1301
HIST 1302	PHYS 1302/1102 or 2326/2126
SPCH 1315	*ARTS 1301 or DRAM 1310 or 2366 or MUSI 1306
	CHEM 2325/2125*

*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 | Technical Proficiency | Numeracy | Organization  
Self-Discipline | Time Management | Leadership | Independent Learning Skills

### EDUCATIONAL OPPORTUNITIES

B.S. Chemistry | B.S. Science Education | B.S. Environmental Chemistry | B.S. Medical Technology | B.S. Forensic Science |  
B.S. Biology | B.S. Biochemistry | B.S. Chemical Engineering

### CAREER OPPORTUNITIES (B.S. or Higher)

Analytical Chemist | Chemical Engineer | Clinical Biochemist | Forensic Scientist | Pharmacologist | Chemistry Teacher

### HIGH SCHOOL ENDORSEMENTS

STEM | Public Health | Business & Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

Texas A&M Texarkana Department of Chemistry: <http://www.tamut.edu/Academics/Colleges-and-Departments/STEM/Chemistry/index.html>  
Stephen F. Austin State University Department of Chemistry and Biochemistry: <http://www.sfasu.edu/chemistry/>  
University of North Texas Department of Chemistry: <https://chemistry.unt.edu/>  
Southern Arkansas University Department of Chemistry and Biochemistry: <https://web.saumag.edu/science/biochemistry-chemistry/>  
American Chemical Society: <https://www.acs.org/content/acs/en.html>

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# Texarkana College Core Curriculum

Component Area & Number	SCH	Courses to Choose From:		
(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	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;">                     BIOL 1322: Nutrition &amp; 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)                      BIOL 1311: General Biology (3)                      BIOL 1313: General Zoology (3)                      BIOL 2301: Anatomy &amp; Physiology I (3)                      BIOL 2302: Anatomy &amp; Physiology II (3)                      BIOL 2306: Environmental Biology (3)                      BIOL 2320: Microbiology for Non-Science Majors (3)                 </td> <td style="width: 50%; vertical-align: top;">                     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 1307: Introductory Chemistry II (3)                      GEOL 1303: Physical Geology (3)                      PHYS 1301: College Physics I (3)                      PHYS 1303: Stars &amp; Galaxies (3)                      PHYS 1304: Solar System (3)                      PHYS 1315: Physical Science I (3)                      PHYS 2325: University Physics I (3)                 </td> </tr> </table>	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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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)
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(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 2332: World Literature I (3) ENGL 2333: World Literature II (3) ENGL 2341 Forms in Literature (3) HIST 2321: World Civilizations I (3) HIST 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 2308: Child Psychology (3) PSYC 2314: Lifespan Growth & Development (3) SOCI 1301: Introductory Sociology (3) ECON 2301: Principles of Macroeconomics (3) ECON 2302: Principles of Microeconomics (3)		
(090) Component Area Option	6 3  3	<p><b>Choose 3 SCH from the following:</b>                      SPCH 1315: Public Speaking (3)                      SPCH 1318: Interpersonal Communication (3)                      SPCH 1321: Business &amp; Professional Speaking (3) or                      any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413: Calculus, which is listed below.</p> <p><b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.</p> <p><b>AND</b></p> <p><b>Choose 3 SCH from the following:</b>                      BCIS 1305: Business Computer Applications (3)                      MATH 2413: Calculus I (4)                      PSYC 1300/EDUC 1300 Learning Frameworks (3)</p> <p><b>The following are labs that should be taken with lecture courses for those needing 8 SCH of Life &amp; Physical Sciences for a degree.</b>                      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 &amp; Physiology I (lab) (1)                      BIOL 2102: Anatomy &amp; 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 &amp; Galaxies (lab) (1)                      PHYS 1104: Solar System (lab) (1)                      PHYS 1115: Physical Science I (lab) (1)                      PHYS 2125: University Physics (lab) (1)</p>		
<b>Total Minimum Requirements</b>	<b>42</b>			



# TEXARKANA COLLEGE

## Child Development | Associate of Applied Science

Dr. Dixon Boyles | Dean of BSS | john.boyles@texarkanacollege.edu | 903.823.3192

### LIST OF COURSES

CDEC 1317-Child Development Associate Training I  
 CDEC 2322-Child Development Associate Training II  
 CDEC 2324-Child Development Associate Training III  
 CDEC 1319-Child Guidance  
 PSYC 1300-Learning Frameworks  
 CDEC 1313-Curriculum Resources for Early Childhood  
 CDEC 1358-Creative Arts for Early Childhood  
 CDEC 1359-Children with Special Needs  
 TECA 1311-Educating Young Children  
 ENGL 1301-Composition I  
 CDEC 2387-Internship-Child Care Provider  
 CDEC 2326-Administration of Programs for Children  
 TECA 1303-Family & Community  
 SPCH 1315-Public Speaking  
 PSYC 2308-Child Psychology  
 CDEC 1356-Emergent Literacy for Early Childhood  
 TECA 1318-Nutrition, Health, & Safety  
 ENGL 1302-Composition II  
 Core Creative Arts\*

YEAR 1	YEAR 2
<b>FALL</b>	<b>FALL</b>
CDEC 1317	CDEC 2387
CDEC 2322	CDEC 2326
CDEC 2324	TECA 1303
CDEC 1319	SPCH 1315
PSYC 1300	PSYC 2308
<b>SPRING</b>	<b>SPRING</b>
CDEC 1313	CDEC 1356
CDEC 1358	Core Creative Arts
CDEC 1359	Core Math
TECA 1311	TECA 1318
ENGL 1301	ENGL 1302

*Consult the catalog of the four-year institution to which you intend to transfer.*

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Communication | Organization | Leadership | Time Management | Teamwork | Child Care Management | Ethical Decision Making | Cultural Awareness

### EDUCATIONAL OPPORTUNITIES

B.S. Interdisciplinary Studies; EC-6 Core Subjects | B.S. Interdisciplinary Studies; EC-6 Bilingual Core Subjects Spanish | B.S. Interdisciplinary Studies; EC-6 Core Subjects with Special Education

### CAREER OPPORTUNITIES (B.S. OR HIGHER)

Child Development Center Director | Paraprofessional - Public School | Department of Human Services/Child Protective Services | Head Start

### HIGH SCHOOL ENDORSEMENTS

Public Service | Arts & Humanities | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

Texas A&M Texarkana College of Arts, Sciences, and Education: <http://www.tamut.edu/Academics/Colleges-and-Departments/CASE/index.php>  
 tea.tx.gov  
<https://texas.teachersoftomorrow.org>  
[www.nhsa.org](http://www.nhsa.org)

*Start Smart. Finish Strong.*

# Texarkana College Core Curriculum

Component Area & Number	SCH	Courses to Choose From:		
(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	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;">                     BIOL 1322: Nutrition &amp; 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)                      BIOL 1311: General Biology (3)                      BIOL 1313: General Zoology (3)                      BIOL 2301: Anatomy &amp; Physiology I (3)                      BIOL 2302: Anatomy &amp; Physiology II (3)                      BIOL 2306: Environmental Biology (3)                      BIOL 2320: Microbiology for Non-Science Majors (3)                 </td> <td style="vertical-align: top; width: 50%;">                     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 1307: Introductory Chemistry II (3)                      GEOL 1303: Physical Geology (3)                      PHYS 1301: College Physics I (3)                      PHYS 1303: Stars &amp; Galaxies (3)                      PHYS 1304: Solar System (3)                      PHYS 1315: Physical Science I (3)                      PHYS 2325: University Physics I (3)                 </td> </tr> </table>	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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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)
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(060) American History	6	HIST 1301: United States History I (3) HIST 1302: United States History II (3)		
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<b>Total Minimum Requirements</b>	<b>42</b>			



# TEXARKANA COLLEGE

## Construction | Associate of Applied Science

Thomas Holt | Director of Workforce Education | [thomas.holt@texarkanacollege.edu](mailto:thomas.holt@texarkanacollege.edu) | 903.823.3232

### LIST OF COURSES

BCIS 1305-Business Computer Applications  
 CNBT 1280-Cooperative Education  
 CNBT 1300-Residential and Light Commercial Construction Drawings  
 CNBT 1302-Mechanical, Plumbing& Electrical I  
 CNBT 1311-Construction Methods & Materials I  
 CNBT 1316-Construction Technology I  
 CNBT 1318-Construction Tools & Techniques  
 CNBT 1342-Building Codes & Inspections  
 CNBT 1346-Construction Estimating I  
 CNBT 1350-Construction Technology II  
 CNBT 1353-Construction Technology III  
 CNBT 2304-Construction Methods & Materials II  
 CNBT 2342-Construction Management I  
 CNSE 1341-Earth Moving Equipment Operation  
 CRPT 1323-Floor Systems  
 CRPT 1329-Introduction to Carpentry  
 EDUC 1300-Business/Learning Frame.  
 ENGL 1301-Composition 1  
 LEAD 1100-Development with Critical Thinking  
 SPCH 1315-Public Speaking  
 College Level Math or Natural Science  
 Social Science Elective  
 Art/Drama/Music Elective  
 \*Degree plan subject to change from year to year

SEMESTER 1	SEMESTER 4
CRPT 1329	ENGL 1301 (core)
CNBT 1311	SPCH 1315 (core)
CNBT 1316	BCIS 1305 (core) or EDUC 1300
CNBT 1318	
CNBT 1300	
SEMESTER 2	SEMESTER 5
LEAD 1100	Social Science Elective (core)
CRPT 1323	College Level Math (core) or Natural Science
CNBT 1350	Visual/Performing Arts Course (core)
CNBT 1302	
CNBT 1346	
SEMESTER 3	
CNBT 1353	
CNBT 1342	
CNBT 1280	
CNBT 2304	
CNSE 1341	

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Problem Solving | Organization | Time Management | Design Building Layouts | Reading/Drafting Blueprints | Technical Proficiency

### EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

### CAREER OPPORTUNITIES

Contractor | Project Manager | Architectural Draftsman | Project Estimator | Finish Carpenter (Trim/Cabinets/Furniture) | Rough Carpenter (Framer/Roofer) | Building Supplies Sales/Service | Property Manager | Building/Home Inspection

### HIGH SCHOOL ENDORSEMENTS

Business and Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

<http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAAS%20Program.html>

*Start Smart. Finish Strong.*

# Construction Technology

Getting a college education is kind of like building a house. One class on its own doesn't look like much, but when all the pieces come together and you step back, you see something that you can be proud of. If you're interested in building things and working with your hands, this program will lay the foundation that will help keep your future secure.

## PROGRAMS AVAILABLE

Associate of Applied Science

Construction Technology 1-Year Certificate

Construction Helper 1-Semester Certificate

## WHAT YOU'LL LEARN

Construction industry basics | Mechanic systems in construction | Construction management | Carpentry methods & materials | Construction tools & techniques | Building codes & inspections | Construction estimating | Construction engineering | Mechanical, plumbing & electrical systems

## TYPICAL JOBS AFTER COMPLETION

Construction Manager

Pipelayer

Construction & Building Inspector

Plumber

Plasterer & Stucco Mason

Roofer

Insulation Worker

Construction Carpenter

## MEDIAN PAY

\$80,050 per year for construction managers in the Texarkana area.

## JOB OUTLOOK

Construction manager job opportunities are expected to grow by 5% over the next 10 years.

## CAREER COACH AND CAMPUS TOURS

Visit [texarkanacollege.edu/careercoach](http://texarkanacollege.edu/careercoach) to take a short Career Assessment quiz to help you determine what career paths may be right for you. You can also use this site to browse the programs that Texarkana College offers to help get you there.

Once you've decided Texarkana College might be a place for you to start, give our Enrollment Services staff a call at (903) 823.3012 or visit [texarkanacollege.edu/tour](http://texarkanacollege.edu/tour) to schedule your campus visit.

## TEXARKANA COLLEGE

2500 N. Robison Rd. | Texarkana, TX 75599

[texarkanacollege.edu](http://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](mailto:human.resources@texarkanacollege.edu)



# TEXARKANA COLLEGE

## Cosmetology | Associate of Applied Science

Thomas Holt | Director of Workforce Education | thomas.holt@texarkanacollege.edu | 903.823.3232

### LIST OF COURSES

CSME 1401-Orientation to Cosmetology  
 CSME 1310-Introduction to Hair Cutting and Related Theory  
 CSME 1453-Chemical Reformation and Related Theory  
 CSME 2310- Advanced Haircutting & Related Theory  
 CSME 2401-Hair Coloring and Related Theory  
 CSME 1254-Artistry of Hair Design I  
 CSME 1443-Manicuring and Related Theory  
 CSME 1248-Principles of Skin Care  
 CSME 2350-Prep for State Licensing Written Exam  
 LEAD 1100-Development with Critical Thinking  
 SPCH 1315- Public Speaking  
 ENGL 1301- Composition 1  
 ENGL 1302 - Composition 2  
 GOVT 2305 - Federal Government  
 GOVT 2306 - Texas Government  
 HIST 1301 - United States History I  
 HIST 1302 - United States History II  
 College Level Math or Natural Science  
 BCIS 1305 OR EDUC 1300-Business/Learning Frame  
 Art/Drama/Music Elective

SEMESTER 1	SEMESTER 3
CSME 1401	ENGL 1301 (core)
CSME 1310	ARTS 1301 or DRAM 1310 or MUSI 1306 (core)
CSME 1453	Math or Natural Science (core)
CSME 2310	GOVT 2305 (core)
LEAD 1100	HIST 1301 (core)
SEMESTER 2	SEMESTER 4
CSME 2401	ENGL 1302 (core)
CSME 1254	SPCH 1315
CSME 1443	BCIS 1305 or EDUC 1300 (core)
CSME 1248	HIST 1302 (core)
CSME 2350	GOVT 2306 (core)

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Sales & Marketing | Problem Solving | Customer Service | Organization | Time Management | Cultural Awareness

### EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

### CAREER OPPORTUNITIES

Stylist | Salon Manager/Owner | Product Sales | Fashion Show Stylist | Editorial/Advertising/Film-Theater Stylist | Platform Stylist

### HIGH SCHOOL ENDORSEMENTS

Business and Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

<http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAAS%20Program.html>

*Start Smart. Finish Strong.*

# Cosmetology

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Selfie-ready? Always - you practically invented the word. Looking fabulous is an art. You know this, and you want to help other people put their best face forward. TC partners with acclaimed Pivot Point International to offer a cutting-edge cosmetology curriculum that teaches you to see, think, create and adapt to any client or situation.

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## PROGRAMS AVAILABLE

Associate of Applied Science  
Cosmetology 1-Year Certificate  
Cosmetology Instructor 2-Semester Certificate

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## WHAT YOU'LL LEARN

Cosmetology fundamentals | Hair sculpture & design | How to color and texture hair | Manicuring & skin care | Running a successful salon

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## TYPICAL JOBS AFTER COMPLETION

Hairstylist & Cosmetologist  
Career/Technical Education Teacher  
Manicurist & Pedicurist  
Skincare Specialist

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## MEDIAN PAY

\$20,520 per year not including tips for hairdressers/hairstylists in the Texarkana area.

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## JOB OUTLOOK

Hairstylist job opportunities are expected to grow by 10% over the next 10 years.

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## CAREER COACH AND CAMPUS TOURS

Visit [texarkanacollege.edu/careercoach](http://texarkanacollege.edu/careercoach) to take a short Career Assessment quiz to help you determine what career paths may be right for you. You can also use this site to browse the programs that Texarkana College offers to help get you there. Once you've decided Texarkana College might be a place for you to start, give our Enrollment Services staff a call at (903) 823.3012 or visit [texarkanacollege.edu/tour](http://texarkanacollege.edu/tour) to schedule your campus visit.

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## TEXARKANA COLLEGE

2500 N. Robison Rd. | Texarkana, TX 75599  
[texarkanacollege.edu](http://texarkanacollege.edu) | 903.823.3456

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Human Resources Director, 2500 N. Robison Rd., Texarkana, TX, 75599 (903) 823-3017 [human.resources@texarkanacollege.edu](mailto:human.resources@texarkanacollege.edu)





# TEXARKANA COLLEGE

## Criminal Justice Administration | Associate of Arts

Dr. Dixon Boyles | Dean of BSS | john.boyles@texarkanacollege.edu | 903.823.3192

### LIST OF COURSES

PSYC 1300 - Learning Frameworks  
 Core Science\*  
 Core Creative Arts\*  
 CRIJ 1301 - Introduction to Criminal Studies  
 CRIJ 1306 - Court Systems & Practices  
 CRIJ 1310 - Fundamentals of Criminal Law  
 CRIJ 2313 - Correctional Systems & Practices  
 CRIJ 2314 - Criminal Investigation  
 CRIJ 2328 - Police Systems & Practices  
 ENGL 1301 - Composition I  
 ENGL 1302 - Composition II  
 GOVT 2305 - Federal Government  
 GOVT 2306 - Texas Government  
 HIST 1301 - U.S. History I  
 HIST 1302 - U.S. History II  
 Core Language, Philosophy & Culture\*  
 Core Math\*  
 Core Social & Behavioral Science \*  
 SPCH 1315-Public Speaking

YEAR 1	YEAR 2
<b>FALL</b>	<b>FALL</b>
Core Science*	Core Language, Philosophy and Culture*
ENGL 1301	HIST 1302
PSYC 1300	Core Social & Behavioral Science*
CRIJ 1301	Core Math*
CRIJ 1310	CRIJ 2314
<b>SPRING</b>	<b>SPRING</b>
ENGL 1302 or 2311	Core Science*
HIST 1301	Core Creative Arts*
GOVT 2305	SPCH 1315
CRIJ 1306	GOVT 2306
CRIJ 2313	CRIJ 2328

*Consult the catalog of the four-year institution to which you intend to transfer.*

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Observation Skills | Leadership | Investigative Skills | Self-Discipline | Cultural Awareness | Organization | Time Management | Ethical Decision Making

### EDUCATIONAL OPPORTUNITIES

B.A. Criminal Justice/Criminology | B.S. Criminal Justice | M.S. Criminal Justice | M.S. Forensic Science | Ph.D. Criminal Justice

### CAREER OPPORTUNITIES (B.A. OR HIGHER)

Law Enforcement Officer | Federal Special Agent | Probation/Parole Officer | Correctional Officer | Attorney | Forensics Investigator | Homeland Security | Emergency Management | Social Services | Education

### HIGH SCHOOL ENDORSEMENTS

Public Service

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

Texas A&M Texarkana College of Arts, Sciences, and Education: <http://www.tamut.edu/Academics/Colleges-and-Departments/CASE/index.php>  
 Southern Arkansas University College of Liberal and Performing Arts: <https://web.saumag.edu/>  
 Sam Houston State University College of Criminal Justice: <http://www.shsu.edu/academics/criminal-justice/>  
 Texas State University College of Criminal Justice: <http://www.cj.txstate.edu/>  
 University of Texas at Tyler: <http://www.uttyler.edu/academics/undergraduate-majors/criminal-justice-degree.php>

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# Texarkana College Core Curriculum

Component Area & Number	SCH	Courses to Choose From:		
(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	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;">                     BIOL 1322: Nutrition &amp; 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)                      BIOL 1311: General Biology (3)                      BIOL 1313: General Zoology (3)                      BIOL 2301: Anatomy &amp; Physiology I (3)                      BIOL 2302: Anatomy &amp; Physiology II (3)                      BIOL 2306: Environmental Biology (3)                      BIOL 2320: Microbiology for Non-Science Majors (3)                 </td> <td style="vertical-align: top; width: 50%;">                     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 1307: Introductory Chemistry II (3)                      GEOL 1303: Physical Geology (3)                      PHYS 1301: College Physics I (3)                      PHYS 1303: Stars &amp; Galaxies (3)                      PHYS 1304: Solar System (3)                      PHYS 1315: Physical Science I (3)                      PHYS 2325: University Physics I (3)                 </td> </tr> </table>	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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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)
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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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 2332: World Literature I (3) ENGL 2333: World Literature II (3) ENGL 2341 Forms in Literature (3) HIST 2321: World Civilizations I (3) HIST 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 2308: Child Psychology (3) PSYC 2314: Lifespan Growth & Development (3) SOCL 1301: Introductory Sociology (3) ECON 2301: Principles of Macroeconomics (3) ECON 2302: Principles of Microeconomics (3)		
(090) Component Area Option	6 3  3	<p><b>Choose 3 SCH from the following:</b>                      SPCH 1315: Public Speaking (3)                      SPCH 1318: Interpersonal Communication (3)                      SPCH 1321: Business &amp; Professional Speaking (3) or                      any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413: Calculus, which is listed below.</p> <p><b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.</p> <p><b>AND</b></p> <p><b>Choose 3 SCH from the following:</b>                      BCIS 1305: Business Computer Applications (3)                      MATH 2413: Calculus I (4)                      PSYC 1300/EDUC 1300 Learning Frameworks (3)</p> <p><b>The following are labs that should be taken with lecture courses for those needing 8 SCH of Life &amp; Physical Sciences for a degree.</b>                      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 &amp; Physiology I (lab) (1)                      BIOL 2102: Anatomy &amp; 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 &amp; Galaxies (lab) (1)                      PHYS 1104: Solar System (lab) (1)                      PHYS 1115: Physical Science I (lab) (1)                      PHYS 2125: University Physics (lab) (1)</p>		
<b>Total Minimum Requirements</b>	<b>42</b>			

## TEXARKANA COLLEGE

2500 N. Robison Rd. | Texarkana, TX 75599  
 texarkanacollege.edu | 903.823.3456

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 Human Resources Director, 2500 N. Robison Rd., Texarkana, TX, 75599 (903) 823-3017 human.resources@texarkanacollege.edu



# TEXARKANA COLLEGE

## Culinary Arts | Associate of Applied Science

Thomas Holt | Director of Workforce Education | thomas.holt@texarkanacollege.edu | 903.823.3232

### LIST OF COURSES

CHEF 1401—Basic Food Prep  
 IFWA 2346—Quantity Proceed  
 CHEF 1214—A La Carte Cooking  
 CHEF 1305—Sanitation & Safe.  
 RSTO 1313—Hosp. Supervision  
 RSTO 1325—Purch for Hosp  
 HAMG 1221—Intro To Hosp.  
 CHEF 2301—Int. Food Prep  
 PSTR 1301—Fund. Of Baking  
 CHEF 1310—Garde Manger  
 CHEF 1345—International Cuis.  
 RSTO 1221—Menu Magrnt  
 CHEF 1480—Co-Op Chef Trng  
 DITA 1300—Diat. Manager  
 LEAD 1100—Dev. w/Crit.Think  
 SPCH 1315—Public Speaking  
 ENGL 1301—Composition I  
 BCIS 1305 OR EDUC 1300  
 College Level Math or Natural Science  
 Social Science Elective  
 Art/Drama/Music Elective

\*Degree plan subject to change from year to year

SEMESTER 1	SEMESTER 3
CHEF 1401	CHEF 1480
HAMG 1221	CHEF 1345
CHEF 1305	IFWA 2346
RSTO 1313	DITA 1300
RSTO 1325	
SEMESTER 2	SEMESTER 4
LEAD 1100	SPCH 1315 (core)
CHEF 1310	ENGL 1301 (core)
CHEF 2301	BCIS 1305 or EDUC 1300 (core)
CHEF 1214	College Level Math (core) or Natural Science
PSTR 1301	Social Science Elective (core)
RSTO 1221	Art/Drama/Music Elective (core)

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Problem Solving | Costumer Service | Organization | Time Management

### EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

### CAREER OPPORTUNITIES

Executive Chef | Sous Chef | Baker | General Manager | Pastry Chef | Cruise Ship Chef | Banquet Chef | Caterer | Personal Chef | Private Chef | Resort Chef | Instructor | Food Service Director | Nutritionist | Food Service Manager

### HIGH SCHOOL ENDORSEMENTS

Business and Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

<http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAAS%20Program.html>

<http://www.restaurant.org/Home—Serve Safe Managerial Certification and Manage First Certifications for Industry>

*Start Smart. Finish Strong.*

# Culinary Arts

Are you the next gluten-free gourmet? Is the world waiting for your vegan bistro, or do you just make the best barbecue brisket on the planet? Whatever drives you, from locally-grown produce to exotic cuisines, if food is your passion, this program has your recipe for success. With 990,000 individual restaurant locations in the U.S. alone and head cooks in Texas making as much as \$70,000 annually, the culinary industry has never been more promising or profitable.

## PROGRAMS AVAILABLE

Associate of Applied Science  
Culinary Arts 1-Year Certificate  
Hospitality 1-Semester Certificate

## WHAT YOU'LL LEARN

Methods & science of cooking | Classical, American & international cuisining | Baking & Garde Manager (French for "keeper of the food") | Managerial skills | Purchasing & menu management | Customer service & catering | Hospitality supervision & leadership

## TYPICAL JOBS AFTER COMPLETION (Varies based on degree/certificate chosen)

Cook  
Chef  
Line Cook  
Caterer  
Executive Chef  
Sous Chef  
Banquet Chef  
Grill Cook

## MEDIAN PAY

\$49,310 per year for food service managers in the Texarkana area.

## JOB OUTLOOK

Job opportunities for food service managers are expected to grow by 5% over the next 10 years.

## CAREER COACH AND CAMPUS TOURS

Visit [texarkanacollege.edu/careercoach](http://texarkanacollege.edu/careercoach) to take a short Career Assessment quiz to help you determine what career paths may be right for you. You can also use this site to browse the programs that Texarkana College offers to help get you there.

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# TEXARKANA COLLEGE

## Diesel Technology | Associate of Applied Science

Thomas Holt | Director of Workforce Education | thomas.holt@texarkanacollege.edu | 903.823.3232

### LIST OF COURSES

DEMR 1301-Shop Safety & Procedures  
 DEMR 1405-Basic Electrical Systems  
 DEMR 1406-Diesel Engine I  
 DEMR 1421-Power Train I  
 DEMR 2412-Diesel Engine Testing & Repair II  
 DEMR 1317 -Basic Brake Systems  
 DEMR 1323-HVAC Troubleshooting & Repair  
 DEMR 1410-Diesel Engine Testing & Repair I  
 DEMR 2332-Electronic Controls  
 DEMR 1449 -Diesel Engine II  
 DEMR 2334-Advanced Tune-Up & Troubleshooting  
 DEMR 2266-Practicum – Diesel Mechanics  
 LEAD 1100-Development with Critical Thinking  
 SPCH 1315- Public Speaking  
 ENGL 1301- Composition 1  
 BCIS 1305 OR EDUC 1300-Business/Learning Frame.  
 College Level Math or Natural Science  
 Social Science Elective  
 Art/Drama/Music Elective

SEMESTER 1	SEMESTER 3
DEMR 1301	DEMR 2332
DEMR 1405	DEMR 1449
DEMR 1406	DEMR 2334
DEMR 1421	DEMR 2266
SEMESTER 2	SEMESTER 4
LEAD 1100	SPCH 1315 (core)
DEMR 2412	ENGL 1301 (core)
DEMR 1317	BCIS 1305 or EDUC 1300 (core)
DEMR 1323	College Level Math (core) or Natural Science
DEMR 1410	Social Science Elective (core)
	Arts/Drama/Music Elective (core)

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Problem Solving | Organization | Time Management | Customer Service

### EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

### CAREER OPPORTUNITIES

Diesel Technician | Diesel Technology Engineer | Tire Technician | Vehicle Inspector | Parts Manager | Service Manager | Heavy Equipment Mechanic | Farm Equipment Mechanic | Military Mechanic - Engines | Marine Engine Mechanic | Diesel Service Technician

### HIGH SCHOOL ENDORSEMENTS

Business and Industry | Multi-Disciplinary | Dual Credit/Concurrent Enrollment

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

*Start Smart. Finish Strong.*

# Diesel Technology

Nearly everything we use and depend on every day was at some point delivered by a truck driver. Diesel engines keep trucks on the road and keep boats and important heavy equipment working. As long as society depends on these machines to get big jobs done, demand will be high for trained workers who can repair and maintain them.

## PROGRAMS AVAILABLE

Associate of Applied Science  
1-Year Certificate

## WHAT YOU'LL LEARN

Basic diesel engine maintenance  
Hydraulics & electronics  
Powertrain  
Brakes  
Engine diagnostics

## TYPICAL JOBS AFTER COMPLETION

Diesel Service Technician  
Bus & Truck Mechanic & Diesel Engine Specialist  
Boat Diesel Motor Mechanic  
Tractor Service Technician

## MEDIAN PAY

\$43,860 per year for diesel engine specialists in the Texarkana area.

## JOB OUTLOOK

Job opportunities in diesel engine repair are expected to grow by 12% over the next 10 years.

## CAREER COACH AND CAMPUS TOURS

Visit [texarkanacollege.edu/careercoach](http://texarkanacollege.edu/careercoach) to take a short Career Assessment quiz to help you determine what career paths may be right for you. You can also use this site to browse the programs that Texarkana College offers to help get you there.

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# TEXARKANA COLLEGE

## Electronic/Instrumentation | Associate of Applied Science

Brandon Washington | Dean of Workforce | brandon.washington@texarkanacollege.edu | 903.823.3232

### LIST OF COURSES

CETT 1409-DC/AC Circuits  
 ELPT 1321-Intro to Electrical Safety & Tools  
 INTC 1405-Introduction to Instrumentation  
 ELPT 1325-National Electrical Code I  
 CETT 1407-Fundamentals of Electronics  
 DFTG 1329-Electro-Mechanical Drafting  
 INTC 1443-Application of Industrial Automatic Control  
 RBTC 1401-Programmable Logic Controllers  
 ELPT 1457-Industrial Wiring  
 INTC 1457-AC/DC Motor Control  
 LEAD 1100-Development with Critical Thinking  
 RBTC-1405-Robotic Fundamentals  
 SPCH 1315-Public Speaking  
 ENGL 1301- Composition 1  
 BCIS 1305 OR EDUC 1300- Business/Learning Frame.  
 College Algebra or College Level Math  
 Social Science Elective  
 Art/Drama/Music Elective

SEMESTER 1	SEMESTER 3
CETT 1409	INTC 1443
ELPT 1321	RBTC 1405
DFTG 1329	ELPT 1457
ELPT 1325	INTC 1457
SEMESTER 2	SEMESTER 4
LEAD 1100	SPCH 1315 (core)
CETT 1407	ENGL 1301 (core)
INTC 1405	BCIS 1305 or EDUC 1300 (core)
RBTC 1401	College Algebra or College Level Math (core)
	Social Science Elective (core)
	Arts/Drama/Music Elective (core)

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Problem Solving | Organization | Time Management | Safety Awareness

### EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

### CAREER OPPORTUNITIES

Electro-Mechanical Technicians | Commercial/Industrial Electrical & Electronics Repairs | Calibration Technicians | Instrumentation Technicians

### HIGH SCHOOL ENDORSEMENTS

Business and Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

<http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAAS%20Program.html>

*Start Smart. Finish Strong.*

# Electronic Technology/Instrumentation

This diverse program will teach you the skills and abilities you need to pursue jobs in computer technology, medical equipment technology, industrial electronics, and more. Employees with the knowledge needed to operate, maintain and repair industrial equipment are in high demand. TC's labs have up-to-date equipment that will prep you for a number of high-paying jobs.

## PROGRAMS AVAILABLE

Associate of Applied Science

1-Year Certificate

2-Semester Certificate

## WHAT YOU'LL LEARN

Solid state devices & circuits | Linear integrated circuits | AC & DC circuits | Digital fundamentals & systems | Principles of automatic control | Instrumentation calibration | Programmable logic controllers

## TYPICAL JOBS AFTER COMPLETION

Electronics Engineering Technician

Electronics Instrumentation Technologist

Electrical and Electronics Repairer

Commercial and Industrial Equipment

Avionics Technician

Biomedical Electronics Technician

Consumer Electronics Technician

Communication Electronic Technician

## MEDIAN PAY

\$70,390 per year for electrical and electronics engineering technicians in the Texarkana area.

## JOB OUTLOOK

Electrician job opportunities are expected to grow by 14% over the next 10 years.

## CAREER COACH AND CAMPUS TOURS

Visit [texarkanacollege.edu/careercoach](http://texarkanacollege.edu/careercoach) to take a short Career Assessment quiz to help you determine what career paths may be right for you. You can also use this site to browse the programs that Texarkana College offers to help get you there.

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# TEXARKANA COLLEGE

## Electrical Technology | Associate of Applied Science

Thomas Holt | Director of Workforce Education | [thomas.holt@texarkanacollege.edu](mailto:thomas.holt@texarkanacollege.edu) | 903.823.3232

### LIST OF COURSES

ELPT-1325-National Electrical Code 1  
 ELPT-1321-Intro. to Electrical Safety & Tools  
 DFTG-1329-Electro-Mechanical Drafting  
 CETT-1409-DC/AC Circuits  
 ELPT-1319-Fundamentals of Electricity I  
 ELPT-1351-Electrical Machines  
 ELPT-1429-Residential Wiring  
 RBTC-1401-Basic PLC's  
 EPLT-1457-Industrial Wiring  
 ELMT-2339-Advanced PLC's  
 ELPT-1420-Fundamentals of Electricity II  
 ELTN-1343-Electrical Troubleshooting  
 LEAD 1100-Development with Critical Thinking  
 SPCH 1315-Public Speaking  
 ENGL 1301-Composition 1  
 BCIS 1305 OR EDUC 1300-Business/Learning Frame  
 College Algebra or College Level Math  
 Social Science Elective  
 Art/Drama/Music Elective

SEMESTER 1	SEMESTER 3
ELPT 1325	ELPT 1457
ELPT 1321	ELMT 2339
CETT 1409	ELTN 1343
DFTG 1329	ELPT 1420
SEMESTER 2	SEMESTER 4
LEAD 1100	SPCH 1315 (core)
ELPT 1319	ENGL 1301 (core)
ELPT 1351	BCIS 1305 or EDUC 1300 (core)
ELPT 1429	College Algebra or College Level Math (core)
RBTC 1401	Social Science Elective (core)
	Arts/Drama/Music Elective (core)

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Problem Solving | Organization | Time Management | Customer Service

### EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

### CAREER OPPORTUNITIES

Apprentice Electrician | Maintenance Electrician | Journeyman Electrician | Master Electrician | Industrial Electrician

### HIGH SCHOOL ENDORSEMENTS

Business and Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

<http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAAS%20Program.html>

*Start Smart. Finish Strong.*

# Electrical Technology

What do all of our homes, businesses & industries have in common? They all require electricity! In the Electrical Technology program, you'll be trained to wire, troubleshoot and repair electrical systems in residential, commercial and industrial buildings. If you're looking for a solid career that will remain in demand, consider studying electrical technology at Texarkana College.

## PROGRAMS AVAILABLE

Associate of Applied Science  
1-Year Certificate

## WHAT YOU'LL LEARN

Layout & installation of electrical wiring, equipment or fixtures  
Connect wires to circuit breakers, transformers & components  
Test electrical systems, circuits & fixtures using digital multi-meters  
Identify hazards, defects or need of repair in electrical systems, equipment & components

## TYPICAL JOBS AFTER COMPLETION

Apprentice Electrician  
Journeyman Electrician  
Industrial Electrician  
Inside Wireman  
Journey Wireman  
Maintenance Electrician

## MEDIAN PAY

\$42,850 per year for electricians in the Texarkana area.

## JOB OUTLOOK

Electrician job opportunities are expected to grow by 14% over the next 10 years.

## CAREER COACH AND CAMPUS TOURS

Visit [texarkanacollege.edu/careercoach](http://texarkanacollege.edu/careercoach) to take a short Career Assessment quiz to help you determine what career paths may be right for you. You can also use this site to browse the programs that Texarkana College offers to help get you there. Once you've decided Texarkana College might be a place for you to start, give our Enrollment Services staff a call at (903) 823.3012 or visit [texarkanacollege.edu/tour](http://texarkanacollege.edu/tour) to schedule your campus visit.

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Texarkana College  
Degree Plan  
2021-2022

**Associate of Applied Science Degree**  
Major: Electronics Technology

Bring in this degree plan  
every time you meet with  
an advisor for updating.

Expires in 5 years

Student Name \_\_\_\_\_ ID# \_\_\_\_\_ FA student \_\_\_\_\_ VA student \_\_\_\_\_

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Advisor's Name \_\_\_\_\_ Advisor's Signature \_\_\_\_\_

Is remediation required? \_\_\_\_ Yes \_\_\_\_ No TSIA scores: \_\_\_\_\_ Reading \_\_\_\_\_ Math \_\_\_\_\_ Writing \_\_\_\_\_

Comments \_\_\_\_\_

TC Course TCCN	Required Courses Title	Credit Hours	Semester Course Completed	Grade	Comments
<b>WECM Courses - 42 Total Hours</b>					
ELPT 1325	National Electrical Code I <sup>12</sup>	3			
CETT 1409	DC-AC Circuits <sup>12</sup>	4			
ELPT 1321	Introduction to Electrical Safety and Tools <sup>12</sup>	3			
DFTG 1329	Electro-Mechanical Drafting <sup>12</sup>	3			
LEAD 1100	Workforce Developmental w/ Critical Thinking <sup>12</sup>	1			
CETT 1407	Fundamentals of Electronics <sup>12</sup>	4			
RBTC 1401	Programmable Logic Controllers <sup>12</sup>	4			
INTC 1405	Introduction to Instrumentation <sup>12</sup>	4			
INTC 1443	Application of Industrial Automatic Controls <sup>12</sup>	4			
INTC 1457	AC/DC Motor Control <sup>12</sup>	4			
ELPT 1457	Industrial Wiring <sup>12</sup>	4			
RBTC 1405	Robotic Fundamentals <sup>12</sup>	4			
<b>TOTAL WECM HOURS</b>		<b>42</b>			
<b>ACGM Courses – 18 Total Hours</b>					
MATH 1314 <b>OR</b> MATH x3xx	College Algebra <sup>2</sup> <b>OR</b> College Level Math	3			
SPCH 1315	Public Speaking <sup>9</sup>	3			
ENGL 1301	Composition I <sup>1</sup>	3			
XXXX x3xx	Social Science Elective <sup>8</sup>	3			
XXXX x3xx	Creative Arts Elective <sup>5</sup>	3			
BCIS 1305	Business Computer Applications <sup>9</sup>	3			
<b>TOTAL ACGM HOURS</b>		<b>18</b>			
<b>Total Credit Hours</b>		<b>60</b>			

Many courses have pre-requisite or co-requisites and/or TSI requirements that must be met. Check course descriptions in the TC Catalog.

### Explanation for Superscripts

<p><b>1</b> <b>Communication Block (010):</b> Complete each of the following: ENGL 1301 <b>and</b> ENGL 1302 or 2311</p>	<p><b>2</b> <b>Mathematics Block (020):</b> Complete one of the following: MATH 1314, 1316, 1324, 1325, 1332, 1350, 1442, 2412, or 2413</p>
<p><b>3</b> <b>Life &amp; Physical Sciences Block (030):</b> Complete two of the following: BIOL 1306, 1307, 1308, 1309, 1311, 1313, 1322, 2301, 2302, 2306, 2320, 2321; CHEM 1305, 1307, 1311, 1312, 1419; GEOL 1303; PHYS 1301, 1303, 1304, 1315, 2325</p>	<p><b>4</b> <b>Language, Philosophy, &amp; Culture Block (040):</b> Complete one of the following: ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2341; HIST 2321, 2322; PHIL 2306</p>
<p><b>5</b> <b>Creative Arts Block (050):</b> Complete one of the following: ARTS 1301, 1310; DRAM 1310, 2366; MUSI 1306</p>	<p><b>6</b> <b>American History Block (060):</b> Complete each of the following: HIST 1301 <b>and</b> 1302</p>
<p><b>7</b> <b>Government/Political Science Block (070):</b> Complete each of the following: GOVT 2305 <b>and</b> 2306</p>	<p><b>8</b> <b>Social &amp; Behavioral Sciences Block (080):</b> Complete one of the following: COMM 1307; ECON 2301, 2302; GEOG 1303; PSYC 2301, 2308, 2314; SOCI 1301</p>
<p><b>9</b> <b>Component Area Option Block (090):</b> <b>Choose one from the following:</b> SPCH 1315; SPCH 1318; SPCH 1321 <b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.  <b>AND</b>  <b>Choose one from the following:</b> BCIS 1305; MATH 2413; PSYC/EDUC 1300</p>	<p><b>10</b> <b>Lab Science Course</b> Choose a lab science course that corresponds to the Life &amp; Physical Sciences courses you take: BIOL 1106, 1107, 1108, 1109, 1111, 1113, 2101, 2102, 2120, 2121; CHEM 1105, 1107, 1111, 1112; PHYS 1101, 1103, 1104, 1115, 2125</p>
<p><b>11</b> <b>Elective Option:</b> Choose any college level course</p>	<p><b>12</b> <b>Degree Requirement</b> This course is required for this particular degree</p>

Students are advised to refer to the course descriptions for all courses identified in the degree plan to ensure they have completed the appropriate prerequisites.

Students planning to transfer to a four-year institution should check degree requirements of the college or university to which they plan to transfer.

Fall 2021

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](mailto:human.resources@texarkanacollege.edu)



# TEXARKANA COLLEGE

## Engineering & Physics | Associate of Science

Dr. Catherine Howard | Dean of STEM | catherine.howard@texarkanacollege.edu | 903.823.3285

### LIST OF COURSES

Core Creative Arts\*  
 CHEM 1311/1111 - General Chem I/lab  
 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 2320 - Differential Equations  
 MATH 2413 - Calculus I  
 MATH 2414 - Calculus II  
 MATH 2415 - Calculus III  
 PHYS 2325/2125 - University Physics I/lab  
 PHYS 2326/2126 - University Physics II/lab  
 PSYC 1300 - Learning Frameworks  
 PSYC 2301 (or other) - General Psychology

YEAR 1	YEAR 2
<b>FALL</b>	<b>FALL</b>
ENGL 1301	**ENGL 2327 or 2328 or 2332 or 2333 OR HIST 2321 or 2322
CHEM 1311/1111	GOVT 2305
HIST 1301	PHYS 2325/2125
PSYC 1300	MATH 2415
<b>SPRING</b>	<b>SPRING</b>
ENGL 1302	GOVT 2306
HIST 1302	PSYC 2301 or 2308 or 2314 or SOCI 1301
SPCH 1315	PHYS 2326/2126
MATH 2414	*ARTS 1301 or DRAM 1310 or 2366 or MUSI 1306
	MATH 2320

*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 | Mathematical Skills | Numeracy | Organization  
 Self-Discipline | Time Management | Leadership | Investigative Skills | Analytical Skills

### EDUCATIONAL OPPORTUNITIES

B.A. Business | B.S. Math Education | B.S. Physics | B.S. Mathematics | B.S. CIS | B.S. Statistics

### CAREER OPPORTUNITIES (B.S. or Higher)

Design Engineer | Biomedical Engineer | Chemical Engineer | Civil Engineer | Computer Engineer | Mechanical Engineer | Electrical Engineer | Environmental Engineer | Software Engineer | Software Designer | Physics/Math Teacher

### HIGH SCHOOL ENDORSEMENTS

STEM | Business & Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

Texas A&M Texarkana Department of Electrical Engineering: <http://tamut.edu/Academics/Colleges-and-Departments/STEM/Electrical-Engineering/index.html>  
 Stephen F. Austin State University Department of Engineering/Physics: <http://www.engineering.sfasu.edu/>  
 University of North Texas College of Engineering: <https://engineering.unt.edu/>  
 Southern Arkansas University College of Science and Engineering: <https://web.saumag.edu/science/engineering-engineering-physics/>  
 University of Arkansas College of Engineering: <https://engineering.uark.edu/>  
 National Society of Professional Engineers: <https://www.nspe.org/>

*Start Smart. Finish Strong.*

# Texarkana College Core Curriculum

Component Area & Number	SCH	Courses to Choose From:		
(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	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;">                     BIOL 1322: Nutrition &amp; 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)                      BIOL 1311: General Biology (3)                      BIOL 1313: General Zoology (3)                      BIOL 2301: Anatomy &amp; Physiology I (3)                      BIOL 2302: Anatomy &amp; Physiology II (3)                      BIOL 2306: Environmental Biology (3)                      BIOL 2320: Microbiology for Non-Science Majors (3)                 </td> <td style="vertical-align: top; width: 50%;">                     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 1307: Introductory Chemistry II (3)                      GEOL 1303: Physical Geology (3)                      PHYS 1301: College Physics I (3)                      PHYS 1303: Stars &amp; Galaxies (3)                      PHYS 1304: Solar System (3)                      PHYS 1315: Physical Science I (3)                      PHYS 2325: University Physics I (3)                 </td> </tr> </table>	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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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)
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(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 2332: World Literature I (3) ENGL 2333: World Literature II (3) ENGL 2341 Forms in Literature (3) HIST 2321: World Civilizations I (3) HIST 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 2308: 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 3  3	<p><b>Choose 3 SCH from the following:</b>                      SPCH 1315: Public Speaking (3)                      SPCH 1318: Interpersonal Communication (3)                      SPCH 1321: Business &amp; Professional Speaking (3) or                      any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413: Calculus, which is listed below.</p> <p><b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.</p> <p><b>AND</b></p> <p><b>Choose 3 SCH from the following:</b>                      BCIS 1305: Business Computer Applications (3)                      MATH 2413: Calculus I (4)                      PSYC 1300/EDUC 1300 Learning Frameworks (3)</p> <p><b>The following are labs that should be taken with lecture courses for those needing 8 SCH of Life &amp; Physical Sciences for a degree.</b>                      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 &amp; Physiology I (lab) (1)                      BIOL 2102: Anatomy &amp; 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 &amp; Galaxies (lab) (1)                      PHYS 1104: Solar System (lab) (1)                      PHYS 1115: Physical Science I (lab) (1)                      PHYS 2125: University Physics (lab) (1)</p>		
<b>Total Minimum Requirements</b>	<b>42</b>			

**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



# TEXARKANA COLLEGE

## General Studies | Associate of Arts

Mary Ellen Young | Dean of Liberal & Performing Arts | maryellen.young@texarkanacollege.edu | 903.823.3369

### LIST OF COURSES

BCIS 1305 - Business Computer Applications-recommended  
 BIOL 1308 - Biology for Non-Science Majors I\*  
 BIOL 1108 - Biology for Non-Science Majors Lab I\*  
 BIOL 1309 - Biology for Non-Science Majors II\*  
 BIOL 1109 - Biology for Non-Science Majors Lab II\*  
*(labs not required at TC - check with transferring institution about lab requirements)*  
 PSYC 1300 - Learning Frameworks  
 Language, Philosophy & Culture Core\*\*  
 Social & Behavioral Sciences Core\*  
 Creative Arts Core  
 Electives (13)  
 ENG 1301 - Composition I  
 ENG 1302 - Composition II  
 GOVT 2305 - Federal Government  
 GOVT 2306 - Texas Government  
 HIST 1301 - U.S. History I  
 HIST 1302 - U.S. History II  
 MATH 1332 - Math for Liberal Arts\*  
 SPCH 1315 - Public Speaking  
 \*Complete core curriculum chart on back

YEAR 1	YEAR 2
<b>FALL</b>	<b>FALL</b>
ENGL 1301	Core Language, Philosophy & Culture*
HIST 1301	BIOL 1308*
EDUC/PSYC 1300	BIOL 1108 lab*
MATH 1332*	GOVT 2305
Core Creative Arts*	Elective (4)
<b>SPRING</b>	<b>SPRING</b>
ENGL 1302 or ENGL 2311	Elective (BCIS 1305)
HIST 1302	BIOL 1309*
SPCH 1315	BIOL 1109 lab*
Social & Behavioral Science Core*	GOVT 2306
Elective (3)	Elective (6)

*Consult the catalog of the four-year institution to which you intend to transfer.*

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Communication | Teamwork | Self-Discipline | Professionalism

### EDUCATIONAL OPPORTUNITIES

B.A. Bachelor of Arts

### CAREER OPPORTUNITIES (B.S. OR HIGHER)

Choice of Major/Coursework will affect career opportunities

### HIGH SCHOOL ENDORSEMENTS

Arts & Humanities | Business & Industry | Multi-Disciplinary Studies | Public Service

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

University of North Texas (UNT) - <http://unt.edu/>  
 Southern Arkansas University (SAU) - <https://web.saumag.edu/>  
 Stephen F. Austin University (SFA) - <http://www.sfasu.edu/>  
 Texas A & M Commerce - <http://www.tamuc.edu/>  
 Texas A & M Texarkana - <http://www.tamut.edu>

*Start Smart. Finish Strong.*

# Texarkana College Core Curriculum

Component Area & Number	SCH	Courses to Choose From:		
(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	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;">                     BIOL 1322: Nutrition &amp; 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)                      BIOL 1311: General Biology (3)                      BIOL 1313: General Zoology (3)                      BIOL 2301: Anatomy &amp; Physiology I (3)                      BIOL 2302: Anatomy &amp; Physiology II (3)                      BIOL 2306: Environmental Biology (3)                      BIOL 2320: Microbiology for Non-Science Majors (3)                 </td> <td style="vertical-align: top; width: 50%;">                     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 1307: Introductory Chemistry II (3)                      GEOL 1303: Physical Geology (3)                      PHYS 1301: College Physics I (3)                      PHYS 1303: Stars &amp; Galaxies (3)                      PHYS 1304: Solar System (3)                      PHYS 1315: Physical Science I (3)                      PHYS 2325: University Physics I (3)                 </td> </tr> </table>	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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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)
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(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 2332: World Literature I (3) ENGL 2333: World Literature II (3) ENGL 2341 Forms in Literature (3) HIST 2321: World Civilizations I (3) HIST 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 2308: 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 3  3	<p><b>Choose 3 SCH from the following:</b>                      SPCH 1315: Public Speaking (3)                      SPCH 1318: Interpersonal Communication (3)                      SPCH 1321: Business &amp; Professional Speaking (3) or                      any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413: Calculus, which is listed below.</p> <p><b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.</p> <p><b>AND</b></p> <p><b>Choose 3 SCH from the following:</b>                      BCIS 1305: Business Computer Applications (3)                      MATH 2413: Calculus I (4)                      PSYC 1300/EDUC 1300 Learning Frameworks (3)</p> <p><b>The following are labs that should be taken with lecture courses for those needing 8 SCH of Life &amp; Physical Sciences for a degree.</b>                      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 &amp; Physiology I (lab) (1)                      BIOL 2102: Anatomy &amp; 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 &amp; Galaxies (lab) (1)                      PHYS 1104: Solar System (lab) (1)                      PHYS 1115: Physical Science I (lab) (1)                      PHYS 2125: University Physics (lab) (1)</p>		
<b>Total Minimum Requirements</b>	<b>42</b>			





# TEXARKANA COLLEGE

## Education EC6 | Associate of Arts in Teaching

Dr. Dixon Boyles | Dean of BSS | john.boyles@texarkanacollege.edu | 903.823.3192

### LIST OF COURSES

Core Creative Arts\*

BIOL 1308/1108-Biology for Non-Science Majors I  
 BIOL 1309/1109-Biology for Non-Science Majors II  
 EDUC 1301-Introduction to the Teaching Professions  
 EDUC 2301-Introduction to Special Populations  
 ENGL 1301-Composition I  
 ENGL 1302-Composition II  
 GOVT 2305-Federal Government  
 GOVT 2306-Texas Government  
 HIST 1301-U.S. History I  
 HIST 1302-U.S. History II  
 HIST 2321 or 2322-World Civilizations I or II  
 MATH 1314-College Algebra  
 MATH 1350-Mathematics for Teachers I  
 MATH 1351-Mathematics for Teachers II  
 PHYS 1315/1115-Physical Science I  
 PSYC 1300-Learning Frameworks  
 Core Social & Behavioral Science\*  
 SPCH 1315-Public Speaking

YEAR 1	YEAR 2
<b>FALL</b>	<b>FALL</b>
ENGL 1301	SPCH 1315
HIST 1301	BIOL 1308/1108
GOVT 2305	EDUC 2301
MATH 1314	Core Social & Behavioral Science*
PSYC 1300	MATH 1350
<b>SPRING</b>	<b>SPRING</b>
ENGL 1302	BIOL 1309/1109
HIST 1302	Core Creative Arts
GOVT 2306	HIST 2321 or 2322
EDUC 1301	MATH 1351
PHYS 1315/1115	

*Consult the catalog of the four-year institution to which you intend to transfer.*

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Communication | Teamwork | Empirical & Quantitative Reasoning | Leadership | Self-Discipline | Ethical Decision Making | Organization | Time Management

### EDUCATIONAL OPPORTUNITIES

B.A. Education | M.S. in Curriculum & Instruction | M.E. in Education Administration | M.S. in Instructional Technology

### CAREER OPPORTUNITIES (B.S. OR HIGHER)

Elementary School Teacher | Special Education Teacher | Educational Administrator

### HIGH SCHOOL ENDORSEMENTS

Public Service | Arts & Humanities | STEM

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

Texas A&M Texarkana College of Arts, Sciences, and Education: <http://www.tamut.edu/Academics/Colleges-and-Departments/CASE/index.php>  
 Texas A & M Commerce College of Education and Human Services <http://www.tamuc.edu/academics/colleges/educationHumanServices/>  
 University of North Texas College of Education <http://www.coe.unt.edu/>  
 Southern Arkansas University College of Education <https://web.saumag.edu/education/>

*Start Smart. Finish Strong.*

# Texarkana College Core Curriculum

Component Area & Number	SCH	Courses to Choose From:		
(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	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;">                     BIOL 1322: Nutrition &amp; 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)                      BIOL 1311: General Biology (3)                      BIOL 1313: General Zoology (3)                      BIOL 2301: Anatomy &amp; Physiology I (3)                      BIOL 2302: Anatomy &amp; Physiology II (3)                      BIOL 2306: Environmental Biology (3)                      BIOL 2320: Microbiology for Non-Science Majors (3)                 </td> <td style="vertical-align: top; width: 50%;">                     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 1307: Introductory Chemistry II (3)                      GEOL 1303: Physical Geology (3)                      PHYS 1301: College Physics I (3)                      PHYS 1303: Stars &amp; Galaxies (3)                      PHYS 1304: Solar System (3)                      PHYS 1315: Physical Science I (3)                      PHYS 2325: University Physics I (3)                 </td> </tr> </table>	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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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)
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(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 2332: World Literature I (3) ENGL 2333: World Literature II (3) ENGL 2341 Forms in Literature (3) HIST 2321: World Civilizations I (3) HIST 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 2308: Child Psychology (3) PSYC 2314: Lifespan Growth & Development (3) SOCL 1301: Introductory Sociology (3) ECON 2301: Principles of Macroeconomics (3) ECON 2302: Principles of Microeconomics (3)		
(090) Component Area Option	6 3  3	<p><b>Choose 3 SCH from the following:</b>                      SPCH 1315: Public Speaking (3)                      SPCH 1318: Interpersonal Communication (3)                      SPCH 1321: Business &amp; Professional Speaking (3) or                      any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413: Calculus, which is listed below.</p> <p><b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.</p> <p><b>AND</b></p> <p><b>Choose 3 SCH from the following:</b>                      BCIS 1305: Business Computer Applications (3)                      MATH 2413: Calculus I (4)                      PSYC 1300/EDUC 1300 Learning Frameworks (3)</p> <p><b>The following are labs that should be taken with lecture courses for those needing 8 SCH of Life &amp; Physical Sciences for a degree.</b>                      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 &amp; Physiology I (lab) (1)                      BIOL 2102: Anatomy &amp; 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 &amp; Galaxies (lab) (1)                      PHYS 1104: Solar System (lab) (1)                      PHYS 1115: Physical Science I (lab) (1)                      PHYS 2125: University Physics (lab) (1)</p>		
<b>Total Minimum Requirements</b>	<b>42</b>			



# TEXARKANA COLLEGE

## Education 4-8 | Associate of Arts in Teaching

Dr. Dixon Boyles | Dean of BSS | john.boyles@texarkanacollege.edu | 903.823.3192

### LIST OF COURSES

BIOL 1301/1108-Biology for Non-Majors I  
 BIOL 1309/1109-Biology for Non-Majors II  
 Core Creative Arts\*  
 Coe Language, Philosophy, & Culture\*  
 Core Social & Behavioral Sciences\*  
 EDUC 1301-Introduction to the Teaching Professions  
 EDUC 2301-Introduction to Special Populations  
 ENGL 1301-Composition I  
 ENGL 1302-Composition II  
 GOVT 2305-Federal Government  
 GOVT 2306-Texas Government  
 HIST 1301-U.S. History I  
 HIST 1302-U.S. History II  
 MATH 1314-College Algebra  
 MATH 1350-Mathematics for Teachers I  
 MATH 1351-Mathematics for Teachers II  
 PHYS 1315/1115-Physical Sciences I  
 PSYC 1300-Learning Frameworks  
 SPCH 1315-Public Speaking

YEAR 1	YEAR 2
<b>FALL</b>	<b>FALL</b>
ENGL 1301	Core Creative Arts*
GOVT 2305	EDUC 2301
HIST 1301	MATH 1350
MATH 1314	BIOL 1308/1108
PSYC 1300	Core Social & Behavioral Science*
<b>SPRING</b>	<b>SPRING</b>
EDUC 1301	BIOL 1309/1109
ENGL 1302	GOVT 2306
SPCH 1315	HIST 1302
PHYS 1315/1115	Core Language, Philosophy & Culture*
	MATH 1351

*Consult the catalog of the four-year institution to which you intend to transfer.*

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Communication | Teamwork | Empirical & Quantitative Reasoning | Leadership | Self-Discipline | Ethical Decision Making | Organization | Time Management | Cultural Awareness

### EDUCATIONAL OPPORTUNITIES

B.A. Education | M.S. in Curriculum & Instruction | M.E. in Education Administration | M.S. in Instructional Technology

### CAREER OPPORTUNITIES (B.S. OR HIGHER)

Middle School Teacher | Special Education Teacher | Educational Administrator

### HIGH SCHOOL ENDORSEMENTS

Public Service | Arts & Humanities | STEM

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

Texas A&M Texarkana College of Arts, Sciences, and Education: <http://www.tamut.edu/Academics/Colleges-and-Departments/CASE/index.php>  
 Texas A & M Commerce College of Education and Human Services <http://www.tamuc.edu/academics/colleges/educationHumanServices/>  
 University of North Texas College of Education <http://www.coe.unt.edu/>  
 Southern Arkansas University College of Education <https://web.saumag.edu/education/>

*Start Smart. Finish Strong.*

# Texarkana College Core Curriculum

Component Area & Number	SCH	Courses to Choose From:		
(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	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;">                     BIOL 1322: Nutrition &amp; 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)                      BIOL 1311: General Biology (3)                      BIOL 1313: General Zoology (3)                      BIOL 2301: Anatomy &amp; Physiology I (3)                      BIOL 2302: Anatomy &amp; Physiology II (3)                      BIOL 2306: Environmental Biology (3)                      BIOL 2320: Microbiology for Non-Science Majors (3)                 </td> <td style="vertical-align: top; width: 50%;">                     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 1307: Introductory Chemistry II (3)                      GEOL 1303: Physical Geology (3)                      PHYS 1301: College Physics I (3)                      PHYS 1303: Stars &amp; Galaxies (3)                      PHYS 1304: Solar System (3)                      PHYS 1315: Physical Science I (3)                      PHYS 2325: University Physics I (3)                 </td> </tr> </table>	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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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)
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(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 2332: World Literature I (3) ENGL 2333: World Literature II (3) ENGL 2341 Forms in Literature (3) HIST 2321: World Civilizations I (3) HIST 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 2308: Child Psychology (3) PSYC 2314: Lifespan Growth & Development (3) SOCI 1301: Introductory Sociology (3) ECON 2301: Principles of Macroeconomics (3) ECON 2302: Principles of Microeconomics (3)		
(090) Component Area Option	6 3  3	<p><b>Choose 3 SCH from the following:</b>                      SPCH 1315: Public Speaking (3)                      SPCH 1318: Interpersonal Communication (3)                      SPCH 1321: Business &amp; Professional Speaking (3) or                      any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413: Calculus, which is listed below.</p> <p><b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.</p> <p><b>AND</b></p> <p><b>Choose 3 SCH from the following:</b>                      BCIS 1305: Business Computer Applications (3)                      MATH 2413: Calculus I (4)                      PSYC 1300/EDUC 1300 Learning Frameworks (3)</p> <p><b>The following are labs that should be taken with lecture courses for those needing 8 SCH of Life &amp; Physical Sciences for a degree.</b>                      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 &amp; Physiology I (lab) (1)                      BIOL 2102: Anatomy &amp; 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 &amp; Galaxies (lab) (1)                      PHYS 1104: Solar System (lab) (1)                      PHYS 1115: Physical Science I (lab) (1)                      PHYS 2125: University Physics (lab) (1)</p>		
<b>Total Minimum Requirements</b>	<b>42</b>			



# TEXARKANA COLLEGE

## Education 8-12 | Associate of Arts in Teaching

Dr. Dixon Boyles | Dean of BSS | john.boyles@texarkanacollege.edu | 903.823.3192

### LIST OF COURSES

Core Creative Arts\*  
 Core Social & Behavioral Sciences\*  
 Core Mathematics\*  
 Core Science\*  
 Core Science\*  
 Core Language, Philosophy, & Culture\*  
 EDUC 1301-Introduction to Teaching Professions  
 EDUC 2301-Introduction to Special Populations  
 ENGL 1301-Composition I  
 ENGL 1302-Composition II  
 GOVT 2305-Federal Government  
 GOVT 2306-Texas Government  
 HIST 1301-U.S. History I  
 HIST 1302-U.S. History II  
 PSYC 1300-Learning Frameworks  
 SPCH 1315-Public Speaking  
 Content Area Teaching Field Electives: 10-12 SCHs

YEAR 1	YEAR 2
<b>FALL</b>	<b>FALL</b>
ENGL 1301	Core Creative Arts*
GOVT 2305	EDUC 2301
HIST 1301	Content Area
MATH 1314	BIOL 1309/1109
PSYC 1300	Core Social & Behavioral Science*
<b>SPRING</b>	<b>SPRING</b>
EDUC 1301	Content Area
ENGL 1302	GOVT 2306
SPCH 1315	HIST 1302
BIOL 1308/1108	Core Language, Philosophy & Culture*
Content Area	Content Area

*Consult the catalog of the four-year institution to which you intend to transfer.*

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Communication | Teamwork | Empirical & Quantitative Reasoning | Leadership | Self-Discipline | Ethical Decision Making | Organization | Time Management | Cultural Awareness

### EDUCATIONAL OPPORTUNITIES

B.A. Education | M.S. in Curriculum & Instruction | M.E. in Education Administration | M.S. in Instructional Technology

### CAREER OPPORTUNITIES (B.S. OR HIGHER)

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### HIGH SCHOOL ENDORSEMENTS

Public Service | Arts & Humanities | STEM

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

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 University of North Texas College of Education <http://www.coe.unt.edu/>  
 Southern Arkansas University College of Education <https://web.saumag.edu/education/>

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# Texarkana College Core Curriculum

Component Area & Number	SCH	Courses to Choose From:		
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(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)		
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(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 2332: World Literature I (3) ENGL 2333: World Literature II (3) ENGL 2341 Forms in Literature (3) HIST 2321: World Civilizations I (3) HIST 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 2308: 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 3  3	<p><b>Choose 3 SCH from the following:</b>                      SPCH 1315: Public Speaking (3)                      SPCH 1318: Interpersonal Communication (3)                      SPCH 1321: Business &amp; Professional Speaking (3) or                      any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413: Calculus, which is listed below.</p> <p><b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.</p> <p><b>AND</b></p> <p><b>Choose 3 SCH from the following:</b>                      BCIS 1305: Business Computer Applications (3)                      MATH 2413: Calculus I (4)                      PSYC 1300/EDUC 1300 Learning Frameworks (3)</p> <p><b>The following are labs that should be taken with lecture courses for those needing 8 SCH of Life &amp; Physical Sciences for a degree.</b>                      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 &amp; Physiology I (lab) (1)                      BIOL 2102: Anatomy &amp; 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 &amp; Galaxies (lab) (1)                      PHYS 1104: Solar System (lab) (1)                      PHYS 1115: Physical Science I (lab) (1)                      PHYS 2125: University Physics (lab) (1)</p>		
<b>Total Minimum Requirements</b>	<b>42</b>			



# Health Sciences | Associate of Science

Dr. Catherine Howard | Dean of STEM | catherine.howard@texarkanacollege.edu | 903.823.3285

## LIST OF COURSES

- Creative Arts Core\*
- CHEM 1305 - Introductory Chemistry I
- ENGL 1301 - Composition I
- ENGL 1302 - Composition II
- PHIL 2306 - Introduction to Ethics (or other)
- GOVT 2305 - Federal Government
- GOVT 2306 - Texas Government
- HIST 1301 - United States History I
- HIST 1302 - United States History II
- MATH 1442 - Elementary Statistical Methods
- PSYC 1300 - Learning Frameworks
- PSYC 2301 - General Psychology
- PSYC 2314 - Lifespan Growth & Development
- BIOL 2301/2101 - Anatomy and Physiology I/lab
- BIOL 2302/2102 - Anatomy and Physiology II/lab
- BIOL 2320/2120 - Microbiology for Non-Science Majors/lab
- Component Area (4 hrs)
- Life Sciences (4 hrs)

YEAR 1	YEAR 2
<b>FALL</b>	<b>FALL</b>
BIOL 2301/2101	GOVT 2305
ENGL 1301	ARTS 1301 or DRAM 1310 or 2366 or MUSI 1306
HIST 1301	PSYC 2314
PSYC 2301	CHEM 1305
PSYC 1300	Component Area Elective (3 hrs)
	Elective (1 hr)
<b>SPRING</b>	<b>SPRING</b>
ENGL 1302	MATH 1442
BIOL 2302/2102	ENGL 2327 or 2328 or 2333 or HIST 2321 or 2322 or PHIL 2306 (recommended)
HIST 1302	Life & Physical Sciences electives (4 hrs)
BIOL 2320/2120	GOVT 2306

*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 | Mathematical Skills | Investigative Skills  
Analytical Skills

## EDUCATIONAL OPPORTUNITIES

B.S. in Pre-Medicine | B.S. Nursing | B.S. Health Science

## CAREER OPPORTUNITIES

Nurse | Sonographer | Physician | Physical Therapist | Physical Therapy Assistant | Occupational Therapy | Occupational Therapy Assistant

## HIGH SCHOOL ENDORSEMENTS

STEM | Public Health | Multi-Disciplinary

## LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

- Texas A&M Texarkana Department of Biology: <http://www.tamut.edu/Academics/Colleges-and-Departments/STEM/Biology/index.html>
- Stephen F. Austin State University Department of Biology: <http://www.sfasu.edu/biology/>
- University of North Texas Department of Biology: <https://biology.unt.edu/>
- Southern Arkansas University Department of Biological Sciences: <https://web.saumag.edu/academics/program/biological-sciences/>
- Henderson State University Department of Biology: <http://www.hsu.edu/Biology/index.html>

*Start Smart. Finish Strong.*

# Texarkana College Core Curriculum

Component Area & Number	SCH	Courses to Choose From:		
(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	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;">                     BIOL 1322: Nutrition &amp; 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)                      BIOL 1311: General Biology (3)                      BIOL 1313: General Zoology (3)                      BIOL 2301: Anatomy &amp; Physiology I (3)                      BIOL 2302: Anatomy &amp; Physiology II (3)                      BIOL 2306: Environmental Biology (3)                      BIOL 2320: Microbiology for Non-Science Majors (3)                 </td> <td style="vertical-align: top; width: 50%;">                     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 1307: Introductory Chemistry II (3)                      GEOL 1303: Physical Geology (3)                      PHYS 1301: College Physics I (3)                      PHYS 1303: Stars &amp; Galaxies (3)                      PHYS 1304: Solar System (3)                      PHYS 1315: Physical Science I (3)                      PHYS 2325: University Physics I (3)                 </td> </tr> </table>	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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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)
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(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 2332: World Literature I (3) ENGL 2333: World Literature II (3) ENGL 2341 Forms in Literature (3) HIST 2321: World Civilizations I (3) HIST 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 2308: 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 3  3	<p><b>Choose 3 SCH from the following:</b>                      SPCH 1315: Public Speaking (3)                      SPCH 1318: Interpersonal Communication (3)                      SPCH 1321: Business &amp; Professional Speaking (3) or                      any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413: Calculus, which is listed below.</p> <p><b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.</p> <p><b>AND</b></p> <p><b>Choose 3 SCH from the following:</b>                      BCIS 1305: Business Computer Applications (3)                      MATH 2413: Calculus I (4)                      PSYC 1300/EDUC 1300 Learning Frameworks (3)</p> <p><b>The following are labs that should be taken with lecture courses for those needing 8 SCH of Life &amp; Physical Sciences for a degree.</b>                      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 &amp; Physiology I (lab) (1)                      BIOL 2102: Anatomy &amp; 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 &amp; Galaxies (lab) (1)                      PHYS 1104: Solar System (lab) (1)                      PHYS 1115: Physical Science I (lab) (1)                      PHYS 2125: University Physics (lab) (1)</p>		
<b>Total Minimum Requirements</b>	<b>42</b>			





# TEXARKANA COLLEGE

## Journalism/Mass Comm | Associate of Arts

Mary Ellen Young | Dean of Liberal & Performing Arts | maryellen.young@texarkanacollege.edu | 903.823.3369

### LIST OF COURSES

BIOL 1308 – Biology for Non-Science Majors I\*  
 BIOL 1108 – Biology for Non-Science Majors Lab I\*  
 BIOL 1309 – Biology for Non-Science Majors II\*  
 BIOL 1109 – Biology for Non-Science Majors Lab II\*  
 (labs not required at TC - check with transferring institution about lab requirements)  
 COMM 1307–Intro to Mass Comm  
 COMM 1318 – Photography I  
 COMM 1335 – Intro to Electronic Media  
 COMM 2305 – Editing & Layout  
 COMM 2311 – Media Writing  
 COMM 2315 – News Reporting  
 Creative Arts Core\*  
 ENG 1301– Composition I ENG 1302 - Composition II  
 GOVT 2305 – Federal Government  
 GOVT 2306 – Texas Government  
 HIST 1301 – U.S. History I  
 HIST 1302 – U.S. History II  
 Language, Philosophy & Culture Core\*  
 PSYC 1300 – Learning Frameworks  
 MATH 1332 – Math for Liberal Arts\*  
 SPCH 1315 – Public Speaking  
 Social & Behavioral Science\*  
 \*Complete core curriculum chart on back

YEAR 1	YEAR 2
<b>FALL</b>	<b>FALL</b>
ENGL 1301	Core Language, Philosophy & Culture*
HIST 1301	BIOL 1308*
EDUC/PSYC 1301	COMM 2305
MATH 1332*	GOVT 2304
COMM 2311	Core Creative Arts*
<b>SPRING</b>	<b>SPRING</b>
ENGL 1302 or ENGL 2311	GOVT 2306
HIST 1302	BIOL 1309*
SPCH 1315	COMM 1318
COMM 1307*	COMM 1335
COMM 2315	Social and Behavioral Science*

Consult the catalog of the four-year institution to which you intend to transfer.

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Communication | Teamwork | Self-Discipline | Professionalism

### EDUCATIONAL OPPORTUNITIES

B.S. Bachelor of Science; B.A. Bachelor of Arts

### CAREER OPPORTUNITIES (B.S. OR HIGHER)

Reporter - Correspondent - Copy Writer – Editor – Public Relations

### HIGH SCHOOL ENDORSEMENTS

Arts & Humanities | Business & Industry | Multi-Disciplinary Studies | Public Service

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

University of North Texas (UNT) - <http://unt.edu/>  
 Southern Arkansas University (SAU) - <https://web.saumag.edu/>  
 Stephen F. Austin University (SFA) - <http://www.sfasu.edu/>  
 Texas A & M Commerce - <http://www.tamuc.edu/>  
 Texas A & M Texarkana - <http://www.tamut.edu>

*Start Smart. Finish Strong.*

# Texarkana College Core Curriculum

Component Area & Number	SCH	Courses to Choose From:		
(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	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;">                     BIOL 1322: Nutrition &amp; 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)                      BIOL 1311: General Biology (3)                      BIOL 1313: General Zoology (3)                      BIOL 2301: Anatomy &amp; Physiology I (3)                      BIOL 2302: Anatomy &amp; Physiology II (3)                      BIOL 2306: Environmental Biology (3)                      BIOL 2320: Microbiology for Non-Science Majors (3)                 </td> <td style="vertical-align: top; width: 50%;">                     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 1307: Introductory Chemistry II (3)                      GEOL 1303: Physical Geology (3)                      PHYS 1301: College Physics I (3)                      PHYS 1303: Stars &amp; Galaxies (3)                      PHYS 1304: Solar System (3)                      PHYS 1315: Physical Science I (3)                      PHYS 2325: University Physics I (3)                 </td> </tr> </table>	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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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)
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(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 2332: World Literature I (3) ENGL 2333: World Literature II (3) ENGL 2341 Forms in Literature (3) HIST 2321: World Civilizations I (3) HIST 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 2308: Child Psychology (3) PSYC 2314: Lifespan Growth & Development (3) SOCL 1301: Introductory Sociology (3) ECON 2301: Principles of Macroeconomics (3) ECON 2302: Principles of Microeconomics (3)		
(090) Component Area Option	6 3  3	<p><b>Choose 3 SCH from the following:</b>                      SPCH 1315: Public Speaking (3)                      SPCH 1318: Interpersonal Communication (3)                      SPCH 1321: Business &amp; Professional Speaking (3) or                      any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413: Calculus, which is listed below.</p> <p><b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.</p> <p><b>AND</b></p> <p><b>Choose 3 SCH from the following:</b>                      BCIS 1305: Business Computer Applications (3)                      MATH 2413: Calculus I (4)                      PSYC 1300/EDUC 1300 Learning Frameworks (3)</p> <p><b>The following are labs that should be taken with lecture courses for those needing 8 SCH of Life &amp; Physical Sciences for a degree.</b>                      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 &amp; Physiology I (lab) (1)                      BIOL 2102: Anatomy &amp; 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 &amp; Galaxies (lab) (1)                      PHYS 1104: Solar System (lab) (1)                      PHYS 1115: Physical Science I (lab) (1)                      PHYS 2125: University Physics (lab) (1)</p>		
<b>Total Minimum Requirements</b>	<b>42</b>			

## 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



# TEXARKANA COLLEGE

## Math | Associate of Science

Dr. Catherine Howard | Dean of STEM | catherine.howard@texarkanacollege.edu | 903.823.3285

### 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

PSYC 2301 (or other)

Science Core + lab

SPCH 1315 - Public Speaking

1 hr elective

YEAR 1	YEAR 2
FALL	FALL
ENGL 1301	**ENGL 2327 or 2328 or 2332 or 2333 OR HIST 2321 or 2322
Core Science + Lab	GOVT 2305
HIST 1301	BCIS 1305
PSYC 1300	MATH 2414
MATH 1316	
SPRING	SPRING
ENGL 1302	GOVT 2306
Core Science + Lab	PSYC 2301 or 2308 or 2314 or SOCI 1301
HIST 1302	1 Hour Elective
SPCH 1315	*ARTS 1301 or DRAM 1310 or 2366 or MUSI 1306
MATH 2413	MATH 2415

*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. Marketing | 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

Component Area & Number	SCH	Courses to Choose From:		
(010) Communication	6	ENGL 1201: Composition I (3) ENGL 1202: Composition II (3) or ENGL 2211: Technical & Business Writing (3)		
(020) Mathematics	3	MATH 1214: College Algebra (3) MATH 1216: Plane Trigonometry (3) MATH 1224: Finite Math (3) MATH 1225: Calculus for Business & Social Science (3) MATH 1232: Math for Liberal Arts (3) MATH 1250: Fundamentals of Math I (3) MATH 1442: Elementary Statistical Methods (4) MATH 2412: Pre-Calculus (4) MATH 2413: Calculus I (3)		
(030) Life & Physical Sciences	6	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;">                     BIOL 1202: Nutrition &amp; 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)                      BIOL 1311: General Biology (3)                      BIOL 1313: General Zoology (3)                      BIOL 2307: Anatomy &amp; Physiology I (3)                      BIOL 2308: Anatomy &amp; Physiology II (3)                      BIOL 2309: Embryology &amp; Histology (3)                      BIOL 2310: Microbiology for Non-Science Majors (3)                 </td> <td style="vertical-align: top; width: 50%;">                     BIOL 2321: Microbiology for Science Majors (3)                      CHEM 1306: Introductory Chemistry I (3)                      CHEM 1311: General Chemistry I (3)                      CHEM 1312: General Chemistry II (3)                      CHEM 1307: Introductory Chemistry II (3)                      CHEM 1308: Physical Geology (3)                      PHYS 1207: College Physics I (3)                      PHYS 1208: Stone &amp; Galileo (3)                      PHYS 1204: Bohr System (3)                      PHYS 1216: Physical Science I (3)                      PHYS 2202: Relativity Physics I (3)                 </td> </tr> </table>	BIOL 1202: 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) BIOL 1311: General Biology (3) BIOL 1313: General Zoology (3) BIOL 2307: Anatomy & Physiology I (3) BIOL 2308: Anatomy & Physiology II (3) BIOL 2309: Embryology & Histology (3) BIOL 2310: Microbiology for Non-Science Majors (3)	BIOL 2321: Microbiology for Science Majors (3) CHEM 1306: Introductory Chemistry I (3) CHEM 1311: General Chemistry I (3) CHEM 1312: General Chemistry II (3) CHEM 1307: Introductory Chemistry II (3) CHEM 1308: Physical Geology (3) PHYS 1207: College Physics I (3) PHYS 1208: Stone & Galileo (3) PHYS 1204: Bohr System (3) PHYS 1216: Physical Science I (3) PHYS 2202: Relativity Physics I (3)
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(040) Language, Philosophy & Culture	3	ENGL 2202: British Literature I (3) ENGL 2203: British Literature II (3) ENGL 2207: American Literature I (3) ENGL 2208: American Literature II (3) ENGL 2202: World Literature I (3) ENGL 2203: World Literature II (3) ENGL 2241: Issues in Literature (3) WEST 2221: World Civilizations I (3) WEST 2222: World Civilizations II (3) PHIL 2203: Introduction to Ethics (3)		
(050) Creative Arts	3	ARTS 1301: Art Appreciation (3) DRAM 1210: Introduction to Theater (3) DRAM 2205: Development of the Modern Play I (3) MUSI 1205: 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 2205: Federal Government (3) GOVT 2206: Texas Government (3)		
(080) Social & Behavioral Sciences	3	COMM 1307: Introduction to Mass Communication (3) GEOG 1303: World Regional Geography (3) PSYC 2207: General Psychology (3) PSYC 2208: Child Psychology (3) PSYC 2214: Human Growth & Development (3) SOCL 1201: Introductory Sociology (3) ECON 2301: Principles of Microeconomics (3) ECON 2302: Principles of Macroeconomics (3)		
(090) Component Area Option	6 3	<p>Choose 3 BCH from the following:                      SPCH 1211: Public Speaking (3)                      SPCH 1212: Intergroup Communication (3)                      SPCH 1221: Business &amp; Professional Speaking (3) or any course in Component Area (010), (020), (030), (040), (060), &amp; (080) that has not been used to fulfill another core requirement except MATH 2413: Calculus, which is listed below.</p> <p>OR any course in Component Area (010), (020), (030), (040), (060), &amp; (080) that has not been used to fulfill another core requirement except MATH 2413: Calculus, which is listed below.</p> <p>AND</p> <p>Choose 3 BCH from the following:                      ECIS 1306: Business Computer Applications (3)                      MATH 2412: Calculus I (4)                      PSYC 1300/EDUC 1300 Learning Fundamentals (3)</p>		
		<p>The following are also listed above for those with lecture courses for those meeting all 6 CH of Life &amp; Physical Sciences for a degree.</p> <p>BIOL 1102: Biology for Science Majors I (3) (1)                      BIOL 1103: Biology for Science Majors II (3) (1)                      BIOL 1108: Biology for Non-Science Majors I (3) (1)                      BIOL 1109: Biology for Non-Science Majors II (3) (1)                      BIOL 1111: General Biology (3) (1)                      BIOL 1113: General Zoology (3) (1)                      BIOL 2107: Anatomy &amp; Physiology I (3) (1)                      BIOL 2108: Anatomy &amp; Physiology II (3) (1)                      BIOL 2120: Microbiology for Non-Science Majors (3) (1)                      BIOL 2121: Microbiology for Science Majors (3) (1)                      CHEM 1106: Introductory Chemistry I (3) (1)                      CHEM 1111: General Chemistry I (3) (1)                      CHEM 1112: General Chemistry II (3) (1)                      PHYS 1107: College Physics I (3) (1)                      PHYS 1108: Stone &amp; Galileo (3) (1)                      PHYS 1104: Bohr System (3) (1)                      PHYS 1116: Physical Science I (3) (1)                      PHYS 2102: Relativity Physics I (3) (1)</p>		
Total Minimum Requirements	42			



# TEXARKANA COLLEGE

## Mechatronics | Associate of Applied Science

Thomas Holt | Director of Workforce Education | thomas.holt@texarkanacollege.edu | 903.823.3232

### LIST OF COURSES

CETT 1409-DC-AC Circuits  
 ELPT 1321– Intro. to Electrical Safety and Tools  
 INTC 1405-Introduction to Instrumentation  
 ELPT 1325-National Electric Code I  
 DFTG 1329-Electro-Mechanical Drafting  
 INMT 2301-Machinery Installation or ENTC 2331  
 Manufacturing Materials  
 CETT 1307-Fundamentals of Electronics  
 INMT 1417-Industrial Automation  
 RBTC 1401-Programmable Logic Controllers  
 HYDR 1445-Hydraulics and Pneumatics  
 ELMT 2339-Advanced Programmable Logic Controllers  
 INMT 2303-Pumps, Compressors & Mechanical Drives  
 INMT 1381– Co-op Edu.-Manu. Technology/Tech  
 LEAD 1100-Development with Critical Thinking  
 SPCH 1315– Public Speaking  
 ENGL 1301– Composition 1  
 Social Science Elective OR EDUC 1300  
 College Level Math or Natural Science  
 Art/Drama/Music Elective

SEMESTER 1	SEMESTER 3
CETT 1409	INMT 1417
ELPT 1321	HYDR 1445
DFTG 1329	ELMT 2339
ELPT 1325	INMT 2303
	INMT 1381
SEMESTER 2	SEMESTER 4
LEAD 1100	SPCH 1315 (core)
INTC 1405	ENGL 1301 (core)
CETT 1307	Soc. Science Elective or EDUC 1300 (core)
INMT 2301 or ENTC 2331	College Level Math (core) or Natural Science
RBTC 1401	Art/Drama/Music Elective (core)

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Problem Solving | Safety Awareness | Organization | Time Management

### EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

### CAREER OPPORTUNITIES

Electro-Mechanical Technicians | Industrial Machinery Mechanics | Engineering Technicians | Commercial/Industrial Electrical & Electronics Repairs

### HIGH SCHOOL ENDORSEMENTS

Business and Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

<http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAAS%20Program.html>

*Start Smart. Finish Strong.*

# Mechatronics

In the Mechatronics program, you get a wide range of industrial skills in one package. You'll train in six different trades, giving yourself a diverse skillset that qualifies you to fill a number of industrial jobs, and you'll train on state-of-the-art equipment donated by local industries such as Cooper Tire.

## PROGRAMS AVAILABLE

Associate of Applied Science

1-Year Certificate

2-Semester Basic Certificate

## WHAT YOU'LL LEARN

Industry standard safety procedures | Mechanical & electrical skills | Diagnostic techniques | Read & interpret schematics | Work with motors, pumps, pneumatic, hydraulics and programmable logic control systems | Machining skills

## TYPICAL JOBS AFTER COMPLETION

Industrial Production Manager

Industrial Machinery Mechanics

Machinery, Maintenance & Repair Workers

General, Electrical & Electronics Engineering Technicians

Electro-Mechanical Technicians

Commercial & Industrial Equipment Repair

## MEDIAN PAY

\$62,310 per year for industrial machinery mechanics in the Texarkana area.

## JOB OUTLOOK

Industrial machinery mechanic job opportunities are expected to grow by 16% over the next 10 years.

## CAREER COACH AND CAMPUS TOURS

Visit [texarkanacollege.edu/careercoach](http://texarkanacollege.edu/careercoach) to take a short Career Assessment quiz to help you determine what career paths may be right for you. You can also use this site to browse the programs that Texarkana College offers to help get you there.

Once you've decided Texarkana College might be a place for you to start, give our Enrollment Services staff a call at (903) 823.3012 or visit [texarkanacollege.edu/tour](http://texarkanacollege.edu/tour) to schedule your campus visit.

## TEXARKANA COLLEGE

2500 N. Robison Rd. | Texarkana, TX 75599

[texarkanacollege.edu](http://texarkanacollege.edu) | 903.823.3456

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Human Resources Director, 2500 N. Robison Rd., Texarkana, TX, 75599 (903) 823-3017 [human.resources@texarkanacollege.edu](mailto:human.resources@texarkanacollege.edu)



# TEXARKANA COLLEGE

## Medical Office Procedures | Associate of Applied Science

Brandon Washington | Dean of Workforce | brandon.washington@texarkanacollege.edu | 903.823.3192

### LIST OF COURSES

POFT 1127-Introduction to Keyboarding  
 POFT 1329-Beginning Keyboarding  
 HRPO 1280-Cooperative Edu. HRM/Personnel Admin.  
 POFM 1317-Medical Administrative Support  
 POFT 1319-Records & Information Management I  
 POFT 1291-Topics in Business Communications  
 POFT 2203-Speed & Accuracy Building  
 POFT 2401-Intermediate Keyboarding  
 MDCA 1213-Medical Terminology  
 ACNT 1303-Introduction to Accounting I  
 TECM 1191-Special Topics in Applied Mathematics  
 HPRS 1201- Introduction to Health Professions  
 LEAD 1100-Workforce Dev. with Critical Thinking  
 MRMT 1307-Medical Transcription  
 POFM 1327 Medical Insurance  
 HPRS 2221-Medical Law & Ethics  
 POFM 2286-Internship-Medical Office Assistant  
 POFT 2387-Internship  
 ENGL 1301 Composition I  
 BCIS 1305-Business Computer Application or PSYC 1300  
 SPCH 1315-Public Speaking  
 College Level Math or Natural Science  
 Art/Drama/Music Elective  
 Social Science Elective

SEMESTER 1	SEMESTER 3
POFT 1127	MRMT 1307
POFT 1329	POFM 1327
HRPO 1280	HPRS 2221
POFT 1317	POFM 2286
POFT 1319	POFT 2387
POFT 1291	
SEMESTER 2	SEMESTER 4
POFT 2203	ENGL 1301
POFT 2401	BCIS 1305 or PSYC 1300
MDCA 1213	SPCH 1315
ACNT 1303	College Level Math or Natural Science
TECM 1191	Art/Drama/Music Elective
HPRS 1201	Social Science Elective
LEAD 1100	

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Problem Solving | Customer Service | Organization | Time Management

### EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

### CAREER OPPORTUNITIES (B.A. OR HIGHER)

Administrative Assistant | Medical Transcriber | Medical Billing Clerk | Patient Representative | Medical Office Assistant

### HIGH SCHOOL ENDORSEMENTS

Business & Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

<http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAA%20Program.html>

*Start Smart. Finish Strong.*

# Office Careers

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If you want to learn skills that will aid you in just about any industry imaginable, consider studying Office Careers at Texarkana College. Office jobs are about more than just answering the phone or operating a copier. Our students become fast, proficient, knowledgeable office workers who know how to look, sound and act like true professionals.

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## PROGRAMS AVAILABLE

Associate of Applied Science | Office Careers 1-Year Certificate | Medical Office Procedures 1-Year Certificate | Office Careers 2-Semester Certificate | Office Careers 1-Semester Certificate

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## WHAT YOU'LL LEARN

Advanced keyboarding skills | Records & information management | Microsoft Office | Basic accounting & Quickbooks | Professional workforce behavior | Public speaking skills | Researching, drafting, revising and editing documents

---

## TYPICAL JOBS AFTER COMPLETION *(Varies based on degree/certificate chosen)*

Executive Administrative Assistant  
Legal Office Assistant  
Medical Office Assistant  
Correspondence Clerk  
File Clerk  
Data Entry

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## MEDIAN PAY

\$37,690 per year for office and administrative support workers in the Texarkana area.

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## JOB OUTLOOK

Office and administrative support job opportunities are expected to grow by 3% over the next 10 years.

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## CAREER COACH AND CAMPUS TOURS

Visit [texarkanacollege.edu/careercoach](http://texarkanacollege.edu/careercoach) to take a short Career Assessment quiz to help you determine what career paths may be right for you. You can also use this site to browse the programs that Texarkana College offers to help get you there. Once you've decided Texarkana College might be a place for you to start, give our Enrollment Services staff a call at (903) 823.3012 or visit [texarkanacollege.edu/tour](http://texarkanacollege.edu/tour) to schedule your campus visit.

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Human Resources Director, 2500 N. Robison Rd., Texarkana, TX, 75599 (903) 823-3017 [human.resources@texarkanacollege.edu](mailto:human.resources@texarkanacollege.edu)





# TEXARKANA COLLEGE

## Music | Associate of Music

Mary Ellen Young | Dean of Liberal & Performing Arts | maryellen.young@texarkanacollege.edu | 903.823.3369

### LIST OF COURSES

- Core Language, Philosophy & Culture\*(3)
- Core Life & Physical Sciences\*(6)
- Core Social & Behavioral Sciences\* (3)
- ENGL 1301 - Composition I
- ENGL 1302 - Composition II
- GOVT 2305 - Federal Government
- GOVT 2306 - Texas Government
- HIST 1301 - U.S. History I
- HIST 1302 - U.S. History II
- MATH 1332 - Math for Liberal Arts\*
- PSYC 1300 - Learning Frameworks
- SPCH 1315 - Public Speaking
- MUAP 11XX\*\*
- MUAP 22XX\*\*
- MUEN 11XX\*\*
- MUEN 21XX\*\*
- MUSI 1116 - Elem. Sight Singing & Ear Training I
- MUSI 1117 - Elem. Sight Singing & Ear Training II
- MUSI 1306 - Music Appreciation (Creative Arts Core)
- MUSI 1311 - Music Theory I
- MUSI 1312 - Music Theory II

\*\*For MUAP classes, course numbers will depend on particular instrument. For MUEN, course numbers will depend on ensemble class recommended by instrument teacher.

YEAR 1	YEAR 2
<b>FALL</b>	<b>FALL</b>
ENGL 1301	Life & Physical Sciences*
PSYC 1300	GOVT 2306
MUAP 11XX**	HIST 1301
MUEN 11XX**	SPCH 1315
MUSI 1306	MUAP 22XX**
MUSI 1311	MUEN 21XX**
	MUSI 1116
<b>SPRING</b>	<b>SPRING</b>
Social & Behavioral Sciences*	Language, Philosophy & Culture*
ENGL 1302	Life & Physical Sciences*
GOVT 2305	HIST 1302
MUAP 11XX**	MATH 1332*
MUEN 11XX**	MUAP 22XX**
MUSI 1312	MUEN 21XX**
	MUSI 1117

Consult the catalog of the four-year institution to which you intend to transfer.

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Organization | Self-Discipline | Professionalism

### EDUCATIONAL OPPORTUNITIES

B.M. in Composition | B.M. in Performance | B.M. in Jazz Studies | B.M. in Music Education | B.A. in Music | B.A. in Music History and Literature | B.M. in Pedagogy

### CAREER OPPORTUNITIES (B.M. OR HIGHER)

Public School General Music Teacher or Band, Choir or Orchestra Director | Private Music Teacher | Church Musician/Music Director | Orchestra Musician/Director

### HIGH SCHOOL ENDORSEMENTS

Arts & Humanities | Business & Industry | Multi-Disciplinary Studies

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

- University of North Texas (UNT) - <http://music.unt.edu/>
- University of Arkansas-Fayetteville - <https://fulbright.uark.edu/departments/music/>
- Stephen F. Austin University (SFA) - <http://www.music.sfasu.edu/>
- Texas A & M Commerce - <http://www.tamuc.edu/academics/colleges/humanitiesSocialSciencesArts/departments/music/>
- Southern Methodist University (SMU) - <http://www.smu.edu/Meadows/AreasOfStudy/Music>
- Henderson State University (HSU) - <http://www.hsu.edu/Programs/Music.html>
- Texas Two-Year College Choir Director Association (TTCCDA) - <http://www.ttccda.org/>

*Start Smart. Finish Strong.*

# Texarkana College Core Curriculum

Component Area & Number	SCH	Courses to Choose From:		
(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	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;">                     BIOL 1322: Nutrition &amp; 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)                      BIOL 1311: General Biology (3)                      BIOL 1313: General Zoology (3)                      BIOL 2301: Anatomy &amp; Physiology I (3)                      BIOL 2302: Anatomy &amp; Physiology II (3)                      BIOL 2306: Environmental Biology (3)                      BIOL 2320: Microbiology for Non-Science Majors (3)                 </td> <td style="vertical-align: top; width: 50%;">                     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 1307: Introductory Chemistry II (3)                      GEOL 1303: Physical Geology (3)                      PHYS 1301: College Physics I (3)                      PHYS 1303: Stars &amp; Galaxies (3)                      PHYS 1304: Solar System (3)                      PHYS 1315: Physical Science I (3)                      PHYS 2325: University Physics I (3)                 </td> </tr> </table>	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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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)
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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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 2332: World Literature I (3) ENGL 2333: World Literature II (3) ENGL 2341 Forms in Literature (3) HIST 2321: World Civilizations I (3) HIST 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 2308: Child Psychology (3) PSYC 2314: Lifespan Growth & Development (3) SOCL 1301: Introductory Sociology (3) ECON 2301: Principles of Macroeconomics (3) ECON 2302: Principles of Microeconomics (3)		
(090) Component Area Option	6 3  3	<p><b>Choose 3 SCH from the following:</b>                      SPCH 1315: Public Speaking (3)                      SPCH 1318: Interpersonal Communication (3)                      SPCH 1321: Business &amp; Professional Speaking (3) or                      any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413: Calculus, which is listed below.</p> <p><b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.</p> <p><b>AND</b></p> <p><b>Choose 3 SCH from the following:</b>                      BCIS 1305: Business Computer Applications (3)                      MATH 2413: Calculus I (4)                      PSYC 1300/EDUC 1300 Learning Frameworks (3)</p> <p><b>The following are labs that should be taken with lecture courses for those needing 8 SCH of Life &amp; Physical Sciences for a degree.</b>                      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 &amp; Physiology I (lab) (1)                      BIOL 2102: Anatomy &amp; 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 &amp; Galaxies (lab) (1)                      PHYS 1104: Solar System (lab) (1)                      PHYS 1115: Physical Science I (lab) (1)                      PHYS 2125: University Physics (lab) (1)</p>		
<b>Total Minimum Requirements</b>	<b>42</b>			



# TEXARKANA COLLEGE

## Nursing | Associate of Applied Science

Courtney Shoalmire, MSN, RN | Dean of Health Sciences | courtney.shoalmire@texarkanacollege.edu | 903.823.3142

### LIST OF COURSES

BIOL 2301/2102 - Anatomy & Physiology I with Lab  
 BIOL 2320/2120 - Microbiology with Lab  
 PSYC 2301 - General Psychology  
 RNSG 1413 - Foundations for Nursing Practice  
 RNSG 1360 - Clinical - Registered Nursing  
 BIOL 2302/2102 - Anatomy & Physiology II with Lab  
 PSYC 2314 - Lifespan Growth & Development  
 RNSG 1441 - Principles of Clinical Decision Making  
 RNSG 1460 - Clinical - Registered Nursing  
 RNSG 1412 - Nursing Care of the Childbearing and Childbearing Family  
 ENGL 1301 - Composition & Rhetoric I  
 RNSG 1441 - Common Concepts of Adult Health  
 RNSG 2360 - Clinical - Registered Nursing  
 RNSG 2213 - Mental Health Nursing  
 RNSG 1443 - Complex Concepts of Adult Health Nursing  
 RNSG 2463 - Clinical - Registered Nursing  
 Choose one of the following creative arts courses:  
 ARTS 1301 - Art Appreciation  
 MUSI 1306 - Music Appreciation  
 DRAM 1310 - Introduction to Theatre

YEAR 1	YEAR 2
<b>FALL</b>	<b>FALL</b>
RNSG 1413	RNSG 1441
RNSG 1360	RNSG 2360
BIOL 2302 & 2102	RNSG 2213
PSYC 2314	ARTS 1301, MUSI 1306 or DRAM 1310
<b>SPRING</b>	<b>SPRING</b>
RNSG 1441	RNSG 1443
RNSG 1460	RNSG 2463
RNSG 1412	
ENGL 1301	

Prerequisite courses that must be completed before enrolling in the ADN program are: BIOL 2301 & 2101, BIOL 2320 & 2120, and PSYC 2301.

*Consult the catalog of the four-year institution to which you intend to transfer.*

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Leadership | Adaptability | Management | Problem Solving | Technical Proficiency | Life-long Learning | Cultural Awareness | Ethical Decision Making | Professionalism | Time Management | Organization | Safety Awareness

### EDUCATIONAL OPPORTUNITIES

B.S. in Nursing | Master of Science in Nursing | Master of Nursing Science | Doctor of Nursing Science | Doctor of Philosophy in Nursing

### CAREER OPPORTUNITIES

Registered Nurse | Nurse Educator | Nurse Practitioner | Clinical Nurse Specialist | Nursing Administration | Nursing Informatics | Nursing Midwife

### HIGH SCHOOL ENDORSEMENTS

STEM | Public Service

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

University of South Alabama <http://www.southalabama.edu/colleges/alliedhealth/ems/bachelor.html>  
 University of Texas—San Antonio <https://www.uthscsa.edu/academics/health-professions/programs/bachelor-emergency-health-sciences>  
 Texas Department of State Health Services <https://www.dshs.texas.gov/emstraumasystems/certinfo.shtm>  
 National Registry of EMT <https://www.nremt.org/rwd/public>

*Start Smart. Finish Strong.*

# Registered Nursing

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Texarkana College's Associate Degree Nursing is one of TC's flagship programs and is one of the oldest accredited ADN programs in the state of Texas. The program began in 1959, with the first graduating class in 1962. Texarkana serves as a healthcare hub for the Four-States area. With two hospitals and multiple health clinics, surgery center, medical specialists and nursing homes, registered nurses are in high demand - and that demand is projected to grow by 16% over the next 10 years.

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## PROGRAMS AVAILABLE

Associate of Applied Science

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## WHAT YOU'LL LEARN

Biology  
Pharmacology  
Foundations for nursing practice  
Clinical nursing  
Clinical decision making  
Mental health nursing  
Concepts of adults health

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## TYPICAL JOB AFTER COMPLETION

Registered Nurse

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## MEDIAN PAY

\$68,450 per year for Registered Nurses nationwide.

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## JOB OUTLOOK

Registered Nurse job opportunities are expected to grow by 16% over the next 10 years.

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## OTHER INTERESTS

If you're interested in becoming a Registered Nurse, you may be interested in these other programs in Health Sciences as well: Licensed Vocational Nursing | Pharmacy Technician | Emergency Medical Technician | Noncredit Health Career Courses

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## CAREER COACH AND CAMPUS TOURS

Visit [texarkanacollege.edu/careercoach](https://texarkanacollege.edu/careercoach) to take a short Career Assessment quiz to help you determine what career paths may be right for you. You can also use this site to browse the programs that Texarkana College offers to help get you there. Once you've decided Texarkana College might be a place for you to start, give our Enrollment Services staff a call at (903) 823.3012 or visit [texarkanacollege.edu/tour](https://texarkanacollege.edu/tour) to schedule your campus visit.

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# TEXARKANA COLLEGE

## Paramedic - Emergency Medical Technology | Associate of Applied Science

Courtney Shoalmire, MSN, RN | Dean of Health Sciences | courtney.shoalmire@texarkanacollege.edu | 903.823.3142

### LIST OF COURSES

ARTS 1301 Music Appreciation  
 BCIS 1305 - Business Computer Applications  
 BIOL 1308 - Biology for Non-Science Majors  
 DRAM 1310 - Intro to Theatre  
 ENGL 1301 - Composition I  
 EMSP 1160 - Clinical – EMT/Paramedic  
 EMSP 1161 - Clinical – EMT/Paramedic  
 EMSP 1162 - Clinical – EMT/Paramedic  
 EMSP 1355 - Trauma Management  
 EMSP 1356 - Patient Assessment & Airway Management  
 EMSP 1444 - Cardiology  
 EMSP 1501 - Emergency Medical Technician  
 EMSP 2143 - Assessment Based Management  
 EMSP 2161 - Clinical – EMT/Paramedic  
 EMSP 2206 - Emergency Pharmacology  
 EMSP 2266 - Practicum – EMT/Paramedic  
 EMSP 2305 - EMS Operations  
 EMSP 2330 - Special Populations  
 EMSP 2534 - Medical Emergencies  
 MUSI 1306 - Music Appreciation  
 PSYC 1300 - Learning Framework  
 PSYC 2301 - General Psychology  
 PSYC 2314 - Lifespan Growth and Development

CHOOSE 1 SOCIAL SCIENCE COURSE

YEAR 1	YEAR 2
<b>FALL</b>	<b>FALL</b>
ESMP 1501	ESMP 1355
ESMP 1160	ESMP 2534
PSYC 1300	ESMP 2330
ENGL 1301	ESMP 2143
ARTS 1301, MUSI 1306 or DRAM 1310	ESMP 2161
<b>SPRING</b>	<b>SPRING</b>
ESMP 2206	ESMP 2266
ESMP 1356	BCIS 1305
ESMP 2305	BIOL 1308
ESMP 1444	PSYC 2301 or PSYC 2314
ESMP 1161	Core Social Science Elective
ESMP 1162	

You must hold a current Texas Emergency Medical Technician (EMT) license to be eligible for the paramedic program.

*Consult the catalog of the four-year institution to which you intend to transfer.*

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Leadership | Adaptability | Management | Problem Solving | Technical Proficiency | Life-long Learning | Cultural Awareness | Ethical Decision Making | Professionalism | Time Management | Organization | Safety Awareness

### EDUCATIONAL OPPORTUNITIES

A.D. Nursing | B.S. Paramedicine | B.S. Emergency Health Services | M.S. Public Safety

### CAREER OPPORTUNITIES

Paramedic | Med-Evac Flight Crew | Management & Administration | EMT/Paramedic Instructor | Trauma Team

### HIGH SCHOOL ENDORSEMENTS

STEM | Public Service

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

University of South Alabama <http://www.southalabama.edu/colleges/alliedhealth/ems/bachelor.html>

University of Texas—San Antonio <https://www.uthscsa.edu/academics/health-professions/programs/bachelor-emergency-health-sciences>

Texas Department of State Health Services <https://www.dshs.texas.gov/emstraumasystems/certinfo.shtm>

National Registry of EMT <https://www.nremt.org/rwd/public>

*Start Smart. Finish Strong.*

# EMT/Paramedic

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The Emergency Medical Technology program at Texarkana College prepares qualified applicants to be members of the emergency medical services team. The various preparation levels allow the applicant to choose basic or advanced knowledge and skill development. Successful completion at any level entitles the individual to receive a certificate of completion from Texarkana College and to be eligible for application to challenge the State and/or National certifying exams.

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## PROGRAMS AVAILABLE

Emergency Medical Technician – Occupational Skills Award  
1 Year Paramedic Certificate  
AAS in Emergency Medical Technology

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## WHAT YOU'LL LEARN

First Aid  
Duties/Skills of an EMT  
Duties/Skills of a Paramedic  
Requirements for Continuing Education

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## TYPICAL JOB AFTER COMPLETION

Emergency Medical Technician  
Paramedic

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## MEDIAN PAY

EMT – \$30,750 per year in the Texarkana area  
Paramedic – \$43,900 per year in the Texarkana area

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## JOB OUTLOOK

EMT/Paramedic job opportunities are expected to stay steady over the next 10 years.

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## OTHER INTERESTS

If you're interested in becoming an EMT or Paramedic, you may be interested in these other programs in Health Sciences as well: Registered Nursing | Pharmacy Technician | Licensed Vocational Nursing | Noncredit Health Career Courses

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## CAREER COACH AND CAMPUS TOURS

Visit [texarkanacollege.edu/careercoach](http://texarkanacollege.edu/careercoach) to take a short Career Assessment quiz to help you determine what career paths may be right for you. You can also use this site to browse the programs that Texarkana College offers to help get you there.

Once you've decided Texarkana College might be a place for you to start, give our Enrollment Services staff a call at (903) 823.3012 or visit [texarkanacollege.edu/tour](http://texarkanacollege.edu/tour) to schedule your campus visit.

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## TEXARKANA COLLEGE

2500 N. Robison Rd. | Texarkana, TX 75599  
[texarkanacollege.edu](http://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](mailto:human.resources@texarkanacollege.edu)



# TEXARKANA COLLEGE

## Art | Associate of Arts

Mary Ellen Young | Dean of Liberal & Performing Arts | maryellen.young@texarkanacollege.edu | 903.823.3369

### LIST OF COURSES

ARTS 1301 - Art Appreciation (Creative Arts Core)  
 ARTS 1311 - Design I  
 ARTS 1312 - Design II  
 ARTS 1316 - Drawing I  
 ARTS 2316 - Painting I  
 ARTS 2317 - Painting II  
 ARTS 2346 - Ceramics I  
 ARTS 2347 - Ceramics II  
 ARTS 2366 - Watercolor I  
 BIOL 1308 - Biology for Non-Science Majors I\*  
 BIOL 1309 - Biology for Non-Science Majors II\*  
*(labs not required at TC - check with transferring institution about lab requirements)*  
 Social & Behavioral Sciences Core\*  
 Language, Philosophy & Culture Core\*  
 ENG 1301 - Composition I  
 ENG 1302 - Composition II  
 GOVT 2305 - Federal Government  
 GOVT 2306 - Texas Government  
 HIST 1301 - U.S. History I  
 HIST 1302 - U.S. History II  
 MATH 1332 - Math for Liberal Arts\*  
 PSYC 1300 - Learning Frameworks  
 SPCH 1315 - Public Speaking

YEAR 1	YEAR 2
<b>FALL</b>	<b>FALL</b>
ENGL 1301	Core Language, Philosophy & Culture*
ARTS 1301 (Creative Arts Core)	GOVT 2305
HIST 1301	BIOL 1308
PSYC 1300	ARTS 2316, 2317, 2346, 2347, or 2366
MATH 1332*	ARTS 1312
<b>SPRING</b>	<b>SPRING</b>
ENGL 1302	Core Social & Behavioral Sciences*
SPCH 1315	GOVT 2306
HIST 1302	BIOL 1309
ARTS 1316	ARTS 2316, 2317, 2346, 2347, or 2366
ARTS 1311	ARTS 2316, 2317, 2346, 2347, or 2366

*Consult the catalog of the four-year institution to which you intend to transfer.*

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Communication | Teamwork | Self-Discipline | Professionalism

### EDUCATIONAL OPPORTUNITIES

B.S. E. Bachelor of Science Education | B.A. Bachelor of Arts | B.F.A. Bachelor of Fine Arts

### CAREER OPPORTUNITIES (B.S. OR HIGHER)

Illustration | Photography | Animation | Graphic Design | Education | Museum Curator | Art Therapist

### HIGH SCHOOL ENDORSEMENTS

Arts & Humanities | Business & Industry | Multi-Disciplinary Studies

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

University of North Texas (UNT) - <http://music.unt.edu/>  
 University of Arkansas-Fayetteville - <https://fulbright.uark.edu/departments/music/>  
 Stephen F. Austin University (SFA) - <http://www.music.sfasu.edu/>  
 Texas A & M Commerce - <http://www.tamuc.edu/academics/colleges/humanitiesSocialSciencesArts/departments/music/>  
 Southern Methodist University (SMU) - <http://www.smu.edu/Meadows/AreasOfStudy/Music>  
 Henderson State University (HSU) - <http://www.hsu.edu/Programs/Music.html>  
 Texas Two-Year College Choir Director Association (TTCCDA) - <http://www.ttccda.org/>

*Start Smart. Finish Strong.*

# Texarkana College Core Curriculum

Component Area & Number	SCH	Courses to Choose From:		
(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	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top; width: 50%;">                     BIOL 1322: Nutrition &amp; 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)                      BIOL 1311: General Biology (3)                      BIOL 1313: General Zoology (3)                      BIOL 2301: Anatomy &amp; Physiology I (3)                      BIOL 2302: Anatomy &amp; Physiology II (3)                      BIOL 2306: Environmental Biology (3)                      BIOL 2320: Microbiology for Non-Science Majors (3)                 </td> <td style="vertical-align: top; width: 50%;">                     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 1307: Introductory Chemistry II (3)                      GEOL 1303: Physical Geology (3)                      PHYS 1301: College Physics I (3)                      PHYS 1303: Stars &amp; Galaxies (3)                      PHYS 1304: Solar System (3)                      PHYS 1315: Physical Science I (3)                      PHYS 2325: University Physics I (3)                 </td> </tr> </table>	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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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)
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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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 2332: World Literature I (3) ENGL 2333: World Literature II (3) ENGL 2341 Forms in Literature (3) HIST 2321: World Civilizations I (3) HIST 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 2308: Child Psychology (3) PSYC 2314: Lifespan Growth & Development (3) SOCI 1301: Introductory Sociology (3) ECON 2301: Principles of Macroeconomics (3) ECON 2302: Principles of Microeconomics (3)		
(090) Component Area Option	6 3  3	<p><b>The following are labs that should be taken with lecture courses for those needing 8 SCH of Life &amp; Physical Sciences for a degree.</b></p> <p>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 &amp; Physiology I (lab) (1)                      BIOL 2102: Anatomy &amp; 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 1113: General Chemistry I (lab) (1)                      CHEM 1112: General Chemistry II (lab) (1)                      PHYS 1101: College Physics I (lab) (1)                      PHYS 1103: Stars &amp; Galaxies (lab) (1)                      PHYS 1104: Solar System (lab) (1)                      PHYS 1115: Physical Science I (lab) (1)                      PHYS 2125: University Physics (lab) (1)</p> <p><b>Choose 3 SCH from the following:</b>                      SPCH 1315: Public Speaking (3)                      SPCH 1318: Interpersonal Communication (3)                      SPCH 1321: Business &amp; Professional Speaking (3) or any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413: Calculus, which is listed below.</p> <p><b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.</p> <p><b>And Choose 3 SCH from the following:</b>                      BCIS 1305: Business Computer Applications (3)                      MATH 2413: Calculus I (4)                      PSYC 1300/EDUC 1300 Learning Frameworks (3)</p>		
<b>Total Minimum Requirements</b>	<b>42</b>			





Texarkana College  
Degree Plan  
2021-2022

**Associate of Applied Science Degree**  
Major: Pharmacy Technology

Bring in this degree plan every time you meet with an advisor for updating.

Expires in 5 years

Student Name \_\_\_\_\_ ID# \_\_\_\_\_ FA student \_\_\_\_\_ VA student \_\_\_\_\_

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Advisor's Name \_\_\_\_\_ Advisor's Signature \_\_\_\_\_

Is remediation required? \_\_\_\_\_ Yes \_\_\_\_\_ No TSIA scores: \_\_\_\_\_ Reading \_\_\_\_\_ Math \_\_\_\_\_ Writing

Comments \_\_\_\_\_

TC Course TCCN	Required Courses Title	Credit Hours	Semester Course Completed	Grade	Comments
<b>WECM Courses – 30 Total Hours</b>					
PHRA 1301	Introduction to Pharmacy <sup>12</sup>	3			
PHRA 1202	Pharmacy Law <sup>12</sup>	2			
PHRA 1304	Pharmacotherapy and Disease Process <sup>12</sup>	3			
PHRA 1309	Pharmaceutical Mathematics I <sup>12</sup>	3			
PHRA 1315	Pharmacy Terminology <sup>12</sup>	3			
PHRA 1305	Drug Classification <sup>12</sup>	3			
PHRA 1449	Institutional Pharmacy Practice <sup>12</sup>	4			
PHRA 1413 OR *PHRA 1313 & PHRA 1191	Community Pharmacy Practice <sup>12</sup> OR Community Pharmacy Practice & Special Topics in Pharmacy Technician/Assistant <sup>12</sup>	4			* 1313/1191 combination only for students that previously completed certification with the PHRA 1313 requirement
PHRA 1243	Pharmacy Technician Certification Review <sup>12</sup>	2			
PHRA 1360	Clinical – Pharmacy Technician/Assistant <sup>12</sup>	3			
<b>TOTAL WECM HOURS</b>		<b>30</b>			
<b>ACGM Courses – 30 Total Hours</b>					
ENGL 1301	Composition I <sup>1</sup>	3			
XXXX X3XX	Creative Arts Elective: ARTS 1301 or MUSI 1306 or DRAM 1310 <sup>5</sup>	3			
MATH X3XX	College-Level Core Math <sup>2</sup>	3			
GOVT 2305	Federal Government <sup>7</sup>	3			
HIST 1301	United States History I <sup>11</sup>	3			
ENGL 1302	Composition II <sup>1</sup>	3			
SPCH 1315	Public Speaking <sup>9</sup>	3			
XXXX X3XX	Elective: PHIL 2306 <sup>4</sup> or SOCI 1301 <sup>8</sup>	3			
HIST 1302	United States History II <sup>6</sup>	3			
GOVT 2306	Texas Government <sup>7</sup>	3			
<b>TOTAL ACGM HOURS</b>		<b>30</b>			
<b>Total Credit Hours</b>		<b>60</b>			

Many courses have pre-requisite or co-requisites and/or TSI requirements that must be met. Check course descriptions in the TC Catalog.

### Explanation for Superscripts

<b>1</b>	<b>Communication Block (010):</b> Complete each of the following: ENGL 1301 <b>and</b> ENGL 1302 or 2311	<b>2</b>	<b>Mathematics Block (020):</b> Complete one of the following: MATH 1314, 1316, 1324, 1325, 1332, 1350, 1442, 2412, or 2413
<b>3</b>	<b>Life &amp; Physical Sciences Block (030):</b> Complete two of the following: BIOL 1306, 1307, 1308, 1309, 1311, 1313, 1322, 2301, 2302, 2306, 2320, 2321; CHEM 1305, 1307, 1311, 1312, 1419; GEOL 1303; PHYS 1301, 1303, 1304, 1315, 2325	<b>4</b>	<b>Language, Philosophy, &amp; Culture Block (040):</b> Complete one of the following: ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2341; HIST 2321, 2322; PHIL 2306
<b>5</b>	<b>Creative Arts Block (050):</b> Complete one of the following: ARTS 1301, 1310; DRAM 1310, 2366; MUSI 1306	<b>6</b>	<b>American History Block (060):</b> Complete each of the following: HIST 1301 <b>and</b> 1302
<b>7</b>	<b>Government/Political Science Block (070):</b> Complete each of the following: GOVT 2305 <b>and</b> 2306	<b>8</b>	<b>Social &amp; Behavioral Sciences Block (080):</b> Complete one of the following: COMM 1307; ECON 2301, 2302; GEOG 1303; PSYC 2301, 2308, 2314; SOCI 1301
<b>9</b>	<b>Component Area Option Block (090):</b> <b>Choose one from the following:</b> SPCH 1315; SPCH 1318; SPCH 1321 <b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), & (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.  <b>AND</b>  <b>Choose one from the following:</b> BCIS 1305; MATH 2413; PSYC/EDUC 1300	<b>10</b>	<b>Lab Science Course</b> Choose a lab science course that corresponds to the Life & Physical Sciences courses you take: BIOL 1106, 1107, 1108, 1109, 1111, 1113, 2101, 2102, 2120, 2121; CHEM 1105, 1107, 1111, 1112; PHYS 1101, 1103, 1104, 1115, 2125
<b>11</b>	<b>Elective Option:</b> Choose any college level course	<b>12</b>	<b>Degree Requirement</b> This course is required for this particular degree

Students are advised to refer to the course descriptions for all courses identified in the degree plan to ensure they have completed the appropriate prerequisites.

Students planning to transfer to a four-year institution should check degree requirements of the college or university to which they plan to transfer.

Fall 2021

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Human Resources Director, 2500 N. Robison Rd., Texarkana, TX, 75599, (903) 823-3017, [human.resources@texarkanacollege.edu](mailto:human.resources@texarkanacollege.edu)



# TEXARKANA COLLEGE

## Social Science Studies | Associate of Arts

Dr. Dixon Boyles | Dean of BSS | john.boyles@texarkanacollege.edu | 903.823.3192

### LIST OF COURSES

Core Creative Arts\*  
 BCIS 1305-Business Computer Applications  
 ECON 2301-Principles of Macroeconomics  
 ENGL 1301-Composition I  
 ENGL 1302-Composition II or ENGL 2311  
 Core Language, Philosophy & Culture\*  
 GEOG 1303-World Regional Geography  
 GOVT 2305-Federal Government  
 GOVT 2306-Texas Government  
 HIST 1301-U.S. History I  
 HIST 1302-U.S. History II  
 HIST 2321-World Civilizations I  
 HIST 2322-World Civilizations II  
 Core Math\*  
 PSYC 1300-Learning Frameworks  
 Core Behavioral Science\* (PSYC or SOCI)  
 Core Science + lab\*  
 Core Science + lab  
 SPCH 1315-Public Speaking

YEAR 1	YEAR 2
<b>FALL</b>	<b>FALL</b>
BCIS 1305	GOVT 2306
ENGL 1301	Core Behavioral Science
HIST 1301	GEOG 1303
Core Math*	Core science + lab
PSYC 1300	Core Language, Philosophy & Culture*
<b>SPRING</b>	<b>SPRING</b>
ENGL 1302	ECON 2301
GOVT 2305	HIST 2321
HIST 1302	HIST 2322
Core Creative Arts*	Core Science + Lab*
SPCH 1315	1 Hour Elective

*Consult the catalog of the four-year institution to which you intend to transfer.*

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Communication | Teamwork | Empirical & Quantitative Reasoning | Leadership | Ethical Decision Making | Organization | Time Management

### EDUCATIONAL OPPORTUNITIES

B.A. Anthropology | B.A. Economics | B.A. Education | B.A. Government/Political Science / B.A. History

### CAREER OPPORTUNITIES (B.A. OR HIGHER)

Anthropologist | Attorney | Economist | Education | Geographer | Government Affairs | Investment Analyst | Management Consultant | Public Administration

### HIGH SCHOOL ENDORSEMENTS

Public Service | Arts & Humanities | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

Texas A&M Texarkana College of Arts, Sciences, and Education: <http://www.tamut.edu/Academics/Colleges-and-Departments/CASE/index.php>  
 Stephen F. Austin State University College of Liberal and Applied Arts: <http://www.sfasu.edu/laa/>  
 University of North Texas College of Liberal Arts and Social Sciences: <https://class.unt.edu/departments?cta=hero>  
 Southern Arkansas University College of Liberal and Performing Arts: <https://web.saumag.edu/lpa/>  
 American Association of Behavioral Sciences: <http://www.aabss.net/>  
 American Sociological Association: <http://www.asanet.org/>  
 American Psychological Association: <http://www.apa.org/>

*Start Smart. Finish Strong.*

# Texarkana College Core Curriculum

Component Area & Number	SCH	Courses to Choose From:	
(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) BIOL 1311: General Biology (3) BIOL 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 1307: Introductory Chemistry II (3) GEOL 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 2332: World Literature I (3) ENGL 2333: World Literature II (3) ENGL 2341 Forms in Literature (3) HIST 2321: World Civilizations I (3) HIST 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 2308: Child Psychology (3) PSYC 2314: Lifespan Growth & Development (3) SOC1 1301: Introductory Sociology (3) ECON 2301: Principles of Macroeconomics (3) ECON 2302: Principles of Microeconomics (3)	
(090) Component Area Option	6 3  3	<p><b>Choose 3 SCH from the following:</b> SPCH 1315: Public Speaking (3) SPCH 1318: Interpersonal Communication (3) SPCH 1321: Business &amp; Professional Speaking (3) or any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413: Calculus, which is listed below.</p> <p><b>OR</b> any courses in Component Areas (010), (020), (030), (040), (050), &amp; (080) that are not used to fulfill another core requirement except MATH 2413, which is listed below.</p> <p><b>AND</b></p> <p><b>Choose 3 SCH from the following:</b> BCIS 1305: Business Computer Applications (3) MATH 2413: Calculus I (4) PSYC 1300/EDUC 1300 Learning Frameworks (3)</p>	<p><b>The following are labs that should be taken with lecture courses for those needing 8 SCH of Life &amp; Physical Sciences for a degree.</b></p> <p>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 &amp; Physiology I (lab) (1) BIOL 2102: Anatomy &amp; 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 &amp; Galaxies (lab) (1) PHYS 1104: Solar System (lab) (1) PHYS 1115: Physical Science I (lab) (1) PHYS 2125: University Physics (lab) (1)</p>
<b>Total Minimum Requirements</b>	<b>42</b>		

## TEXARKANA COLLEGE

2500 N. Robison Rd. | Texarkana, TX 75599  
texarkanacollege.edu | 903.823.3456

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Human Resources Director, 2500 N. Robison Rd., Texarkana, TX, 75599 (903) 823-3017 human.resources@texarkanacollege.edu



# TEXARKANA COLLEGE

## Vocational Nursing Certificate

Courtney Shoalmire, MSN, RN | Dean of Health Sciences | courtney.shoalmire@texarkanacollege.edu | 903.823.3142

### LIST OF COURSES

BIOL 2301/2102 - Anatomy & Physiology I with Lab  
 BIOL 2302/2102 - Anatomy & Physiology II with Lab  
 VNSG 1304 - Foundations of Nursing  
 VNSG 1400 - Nursing in Health and Illness I  
 VNSG 1402 - Applied Nursing Skills I  
 VNSG 1461 - Clinical—Vocational Nurse Training  
 VNSG 1509 - Nursing in Health and Illness II  
 VNSG 2510 - Nursing in Health and Illness III  
 VNSG 2462 - Clinical—Vocational Nurse Training  
 VNSG 1330 - Maternal Neonatal Nursing  
 VNSG 1334 - Pediatrics  
 VNSG 1219 - Leadership and Professional Development  
 VNSG 2363 - Clinical—Vocational Nurse Training

SEMESTER 1	SEMESTER 3
VNSG 1304	VNSG 1330
VNSG 1400	VNSG 1334
VNSG 1402	VNSG 1219
VNSG 1461	VNSG 2463
SEMESTER 2	
VNSG 1509	
VNSG 2510	
VNSG 2362	

Prerequisite courses which must be completed before enrolling in the VN program are: BIOL 2301 & 2101, BIOL 2302 & 2102.

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Leadership | Adaptability | Management | Problem Solving | Technical Proficiency | Life-long Learning | Cultural Awareness | Ethical Decision Making | Professionalism | Time Management | Organization | Safety Awareness

### EDUCATIONAL OPPORTUNITIES

A.D. Nursing | B.S. Nursing | M.S. Nursing | Master of Nursing Science | Doctor of Philosophy in Nursing | Doctor of Nursing Practice

### CAREER OPPORTUNITIES (B.S. OR HIGHER)

Acute Care Nurse | Rehabilitation Nurse | Long Term Care Nurse | Office Nurse | Hospice/Home Health Nurse | School Nurse

### HIGH SCHOOL ENDORSEMENTS

STEM | Public Service

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

Texarkana College Transition Program <https://www.texarkanacollege.edu/study/associate-degree-nursing/adn-transition-program/>  
 Texas A&M University—Texarkana <http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-programs/Nursing-Program/index.html>  
 University of Texas—Tyler <https://www.uttyler.edu/nursing/college/>  
 University of Texas—Arlington <https://www.uta.edu/conhi/>  
 Texas Board of Nursing <https://www.bon.texas.gov/>  
 Texas Nurses Association <http://www.texasnurses.org/>  
 National Student Nurses' Association <http://www.nсна.org/>

*Start Smart. Finish Strong.*

# Vocational Nursing

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This program is designed to prepare you for an entry-level nursing career, where you'll care for patients under the direction of registered nurses and physicians. LVN jobs are in high demand, and if you ever decide you'd like to continue your education and become a registered nurse, Texarkana College offers an LVN to RN transition program that will help you take your healthcare career to the next level.

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## PROGRAMS AVAILABLE

1-Year Certificate

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## WHAT YOU'LL LEARN

Foundations of nursing  
Nursing in health & illness  
Applied nursing skills  
Clinical nurse training  
Maternal/neonatal nursing  
Pediatric nursing

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## TYPICAL JOBS AFTER COMPLETION

Licensed Practical Nurse  
Licensed Vocational Nurse

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## MEDIAN PAY

\$35,420 per year for licensed vocational nurses in the Texarkana area.

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## JOB OUTLOOK

Licensed vocational nursing job opportunities are expected to grow by 16% over the next 10 years.

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## OTHER INTERESTS

If you're interested in becoming a Licensed Vocational Nurse you may be interested in these other programs in Health Sciences as well: Registered Nursing | Pharmacy Technician | Emergency Medical Technology | Noncredit Health Careers Courses

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## CAREER COACH AND CAMPUS TOURS

Visit [texarkanacollege.edu/careercoach](http://texarkanacollege.edu/careercoach) to take a short Career Assessment quiz to help you determine what career paths may be right for you. You can also use this site to browse the programs that Texarkana College offers to help get you there.

Once you've decided Texarkana College might be a place for you to start, give our Enrollment Services staff a call at (903) 823.3012 or visit [texarkanacollege.edu/tour](http://texarkanacollege.edu/tour) to schedule your campus visit.

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# TEXARKANA COLLEGE

## Welding | Associate of Applied Science

Thomas Holt | Director of Workforce Education | [thomas.holt@texarkanacollege.edu](mailto:thomas.holt@texarkanacollege.edu) | 903.823.3232

### LIST OF COURSES

WLDG 1323-Welding Safety, Tools, & Equipment  
WLDG 1428-Intro. to Shielded Metal Arc Welding  
WLDG 2443-Advanced Shielded Metal Arc Welding  
WLDG 1430-Introduction to Gas Metal Arc Welding  
LEAD 1100-Development with Critical Thinking  
WLDG 1413-Intro. to Blueprint Reading for Welders  
WLDG 1317- Intro. to Layout and Fabrication  
WLDG 2547-Advanced Gas Metal Arc Welding  
WLDG 2435-Advanced Layout and Fabrication  
WLDG 1434-Intro. to Gas Tungsten Arc Welding  
WLDG 1391-Topics in Welder / Welding Technologist  
WLDG 2388-Welding Technology / Welder Internship  
SPCH 1315-Public speaking  
ENGL 1301-Composition 1  
BCIS 1305 OR EDUC 1300-Business/Learning Frame.  
College Level Math or Natural Science  
Social Science Elective  
Art/Drama/Music Elective

SEMESTER 1	SEMESTER 3
WLDG 1323	WLDG 2435
WLDG 1428	WLDG 1434
WLDG 2443	WLDG 1391
WLDG 1430	WLDG 2388
SEMESTER 2	SEMESTER 4
LEAD 1100	SPCH 1315 (core)
WLDG 1413	ENGL 1301 (core)
WLDG 1317	BCIS 1305 or EDUC 1300 (core)
WLDG 2547	College Level Math (core) or Natural Science
	Social Science Elective (core)
	Arts/Drama/Music Elective (core)

### LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Leadership | Reading/Drafting Blueprints | Time Management | Problem Solving | Organization | Detail Oriented

### EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

### CAREER OPPORTUNITIES

Pipe Line Welder | Construction Worker/Iron Worker | Fabrication and Production | Job Site Foreman | Maintenance and Repair | Self Employment | Equipment Sales & Service

### HIGH SCHOOL ENDORSEMENTS

Business and Industry | Multi-Disciplinary

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

<http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAAS%20Program.html>  
American Welding Society: [awsnow.org](http://awsnow.org)

*Start Smart. Finish Strong.*

# Welding

You've always felt a spark to push boundaries, to do something different, and you like working with your hands. Ready to start fusing your talents with the type of job you want?

## PROGRAMS AVAILABLE

Associate of Applied Science  
1-Year Certificate  
1-Semester Certificate

## WHAT YOU'LL LEARN

Welding fundamentals | Welding metallurgy | Workforce development & critical thinking | Blueprinting reading | Shielded metal arc welding | Gas metal arc welding | Gas tungsten arc welding (GTAW) | Pipe welding

## TYPICAL JOBS AFTER COMPLETION (Varies based on degree/certificate chosen)

Welder  
Construction & Demolition  
Pipe Fitter & Welder  
Structural Iron & Steel Worker  
Structural Metal Fabricator & Fitter

## MEDIAN PAY

\$31,840 per year for welders in the Texarkana area.

## JOB OUTLOOK

Welding job opportunities are expected to grow by 4% over the next 10 years.

## CAREER COACH AND CAMPUS TOURS

Visit [texarkanacollege.edu/careercoach](https://texarkanacollege.edu/careercoach) to take a short Career Assessment quiz to help you determine what career paths may be right for you. You can also use this site to browse the programs that Texarkana College offers to help get you there. Once you've decided Texarkana College might be a place for you to start, give our Enrollment Services staff a call at (903) 823.3012 or visit [texarkanacollege.edu/tour](https://texarkanacollege.edu/tour) to schedule your campus visit.

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