

# COLLEGE OF BUSINESS, ENGINEERING, AND TECHNOLOGY

A degree from the College of Business, Engineering, and Technology at Texas A&M University-Texarkana provides a degree of recognized distinction. Texas A&M University- Texarkana business, engineering, and other technology oriented professional students have the opportunity to develop skills in critical thinking, leadership, communications, team work, and problem solving. These skills prepare students for their future roles, leading businesses and technology into the next millennium. The College of Business, Engineering, and Technology faculty are fully qualified and are eager to provide an exceptional educational experience for students.

The College of Business, Engineering, and Technology has partnerships with various local, regional, national and international professional groups which guides curriculum development allowing the College to offer top quality level educational programs. This College offers many degrees building skills to become successful technical leaders and managers in professional positions in a wide range of various industries.

## Vision Statement

*Texas A&M –Texarkana College of Business, Engineering, and Technology will be the preferred choice institution for students and prospective employers, known for academic excellence, student success and community leadership. We will not only prepare students for their chosen careers but also develop their capacities for community involvement and leadership.*

## Bachelor Degrees

### Division of Business

- Bachelor of Business Administration-Accounting (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/business/bba-accounting/>)
- Bachelor of Business Administration (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/business/bba/>)
  - BBA-Agribusiness (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/business/bba/agribusiness/>)
  - BBA-Banking and Finance (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/business/bba/finance/>)
  - BBA-Business & Data Analytics (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/business/bba/data-analytics/>)
  - BBA-Business Information Systems (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/business/bba/business-information-systems/>)
  - BBA-Entrepreneurship (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/business/bba/entrepreneurship/>)
  - BBA-General Business (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/business/bba/general-business/>)
  - BBA-Management (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/business/bba/management/>)
  - BBA-Marketing (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/business/bba/marketing/>)
  - BBA-Retail Management (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/business/bba/retail-management/>)
  - BBA-Sports Management (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/business/bba/sports-management/>)
  - BBA-Supply Chain Management (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/business/bba/supply-chain-management/>)
  - BBA-Wealth Planning (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/business/bba/wealth-planning/>)

### Division of Information Systems and Computing Technologies

- Bachelor of Science-Computer Science (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/info-systems-computing-technologies/bs-computer-science/>)
  - BS Computer Science-Computer Networks and Cyber Security (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/info-systems-computing-technologies/bs-computer-science/computer-network-cyber-security/>)
  - BS Computer Science-Computer Science (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/info-systems-computing-technologies/bs-computer-science/computer-science/>)
  - BS Computer Science-Computer Science-Software Engineering (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/info-systems-computing-technologies/bs-computer-science/software-engineering/>)

### Division of Engineering

- Bachelor of Science-Civil Engineering (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/engineering/civil-engineering/#text>)
- Bachelor of Science-Computer Engineering (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/engineering/computer-engineering/>)
- Bachelor of Science-Electrical Engineering (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/engineering/electrical-engineering/>)

- Bachelor of Science-Mechanical Engineering (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/engineering/mechanical-engineering/>)

## Certificates

- College of Business, Engineering, and Technology Academic Certificates (<http://catalog.tamut.edu/undergraduate-studies/business-engineering-technology/academic-certificates/>)

## Minors

A minor requires a minimum of 18 SCH in a discipline, with the exception of the interdisciplinary-studies minor that requires hours from more than one discipline.

### Agribusiness (for BBA Students)

Code	Title	Hours
ECON 350	Agricultural Markets and Price	3
MGT 321	Organizational Behavior	3
MGT 495	Human Resource Management	3
MGT 350	Farm and Agribusiness Management	3
MGT 351	Advanced Agribusiness Management	3
SCM 304	Principles of Supply Chain Management (SL)	3
<b>Total Hours</b>		<b>18</b>

### Banking & Finance (for BBA Students)

NOTE: Note: Students seeking a BBA Banking & Finance concentration cannot seek a Banking & Finance minor

Code	Title	Hours
FIN 325	Money, Banking, and Financial Markets	3
FIN 430	Principles of Banking	3
FIN 440	Advanced Banking	3
FIN 464	Principles of Investments	3
FIN 474	Intermediate Financial Management	3
FIN 484	Financial Institutions Management	3
<b>Total Hours</b>		<b>18</b>

### Introduction to Business (for non-BBA students)

Code	Title	Hours
BUSI 1301	Introduction to Business	3
ECON 2301	Principles of Macroeconomics	3
ACCT 2301	Principles of Accounting I	3
MGT 395	Principles of Management	3
FIN 354	Financial Management	3
MKT 363	Marketing	3
<b>Total Hours</b>		<b>18</b>

### Computer Science

Code	Title	Hours
COSC 1315	Introduction to Computer Science	3
CS 310	Analysis of Algorithms	3
CS 332	C++ Programming	3
CS 367	Systems Design & Software Engineering	3
CS 410	Operating Systems	3
Upper Division Computer Science Elective	<sup>300-400 level</sup>	3
<b>Total Hours</b>		<b>18</b>

## Electrical Engineering

Code	Title	Hours
EE 2305	Electric Circuits I	3
or ENGR 2305	Electric Circuits I	
EE 321	Digital Logic	3
EE 322	Digital Logic Laboratory	1
EE 325	Signals and Systems	3
EE 326	Signals and Systems Lab	1
Choose 2 Lecture Courses plus 1 Lab from the list below:		7
EE 305	Fundamentals of Power Systems	
EE 306	Electric Power and Machinery Lab	
EE 317	Information Theory	
EE 319	Electric Circuits II (EL)	
EE 335	Electronics I	
EE 336	Electronics Laboratory	
EE 340	Computer Architecture	
EE 429	Introduction to Communication Systems	
EE 345	Introduction to Electromagnetic Theory	
ENGR 307	Probability and Statistics for Engineers.	
EE 365	Microprocessors	
EE 432	Control Systems	
EE 445	Embedded Systems	
EE 446	Embedded Systems Lab	
EE 447	Electronics II	
EE 469	Wireless Communications	
EE 474	Power Systems Analysis and Control	
<b>Total Hours</b>		<b>18</b>

## Elements of Organizational Behavior (for non BBA students)

Code	Title	Hours
BUSI 1301	Introduction to Business	3
ECON 2301	Principles of Macroeconomics	3
ACCT 2301	Principles of Accounting I	3
MGT 321	Organizational Behavior	3
MGT 395	Principles of Management	3
MGT 495	Human Resource Management	3
<b>Total Hours</b>		<b>18</b>

## Entrepreneurship

Note: Students seeking a BBA Entrepreneurship concentration cannot seek an Entrepreneurship minor

Code	Title	Hours
MGT 321	Organizational Behavior	3
MGT 340	Innovation Management	3
MGT 446	Entrepreneurship (EL)	3
MKT 366	Marketing Promotion	3
MKT 465	Sales Management	3
SCM 304	Principles of Supply Chain Management (SL)	3
<b>Total Hours</b>		<b>18</b>

**Long Term Financial Management (for non-BBA students)**

Code	Title	Hours
BUSI 1301	Introduction to Business	3
ECON 2301	Principles of Macroeconomics	3
ACCT 2301	Principles of Accounting I	3
FIN 2310	Financial and Investing Literacy	3
ACCT 324	Individual Income Tax	3
FIN 464	Principles of Investments	3
<b>Total Hours</b>		<b>18</b>

**Management (for BBA students)**

Code	Title	Hours
MGT 321	Organizational Behavior	3
SCM 304	Principles of Supply Chain Management (SL)	3
MGT 495	Human Resource Management	3
MGT 446	Entrepreneurship (EL)	3
FIN 484	Financial Institutions Management	3
MKT 445	Retailing (EL)	3
<b>Total Hours</b>		<b>18</b>

**Management Information Systems**

Code	Title	Hours
MIS 302	Enterprise Resource Planning	3
MIS 310	Mobile Application Development	3
MIS 360	Essentials of Management Information Systems	3
MIS 361	Database Systems and Design	3
MIS 362	Systems Analysis and Design	3
MIS 450	Principles of Management Information Security	3
<b>Total Hours for Minor</b>		<b>18</b>

**Marketing (for BBA students)**

Code	Title	Hours
MKT 366	Marketing Promotion	3
MKT 445	Retailing (EL)	3
MKT 465	Sales Management	3
MKT 467	Consumer Behavior	3
SCM 304	Principles of Supply Chain Management (SL)	3
MKT 364	Digital Marketing	3
<b>Total Hours</b>		<b>18</b>

**Retail Management (for BBA students)**

Code	Title	Hours
MGT 321	Organizational Behavior	3
SCM 304	Principles of Supply Chain Management (SL)	3
MGT 495	Human Resource Management	3
SCM 476	Business Data Analytics II	3
MKT 465	Sales Management	3
MKT 445	Retailing (EL)	3
<b>Total Hours</b>		<b>18</b>

### Sports Management (for BBA students)

Code	Title	Hours
KINE 1301	Foundations of Kinesiology	3
KINE 332	Program Development/Management in Fitness Industries	3
SPMT 315	Legal Aspects of Sports Management	3
SPMT 357	Profitability in Sports	3
SPMT 415	Event and Facility Management	3
SPMT 425	Marketing the Business of Sports	3
<b>Total Hours for Minor</b>		<b>18</b>

### Supply Chain Management

NOTE: for non-BBA students

Code	Title	Hours
SCM 302	Enterprise Resource Planning	3
SCM 304	Principles of Supply Chain Management (SL)	3
SCM 308	Project Management	3
SCM 310	Strategic Sourcing	3
SCM 412	Transportation	3
SCM 476	Business Data Analytics II	3
<b>Total Hours for Minor</b>		<b>18</b>

### Wealth Planning (for BBA Students)

Note: Students seeking a BBA Wealth Planning concentration cannot seek a Wealth Planning minor

Code	Title	Hours
FIN 2310	Financial and Investing Literacy	3
FIN 455	Portfolio Management and Wealth Planning	3
FIN 464	Principles of Investments	3
ACCT 324	Individual Income Tax	3
ACCT 310	Estate Planning	3
ACCT 410	Income Tax Planning	3
<b>Total Hours</b>		<b>18</b>