

## DIVISION OF

# BUSINESS

The Division of Business, located in Mitchell Hall, offers associate degrees (AS) that prepare graduates for transfer as juniors into bachelor's degree programs (BBA, etc.) at universities. In addition, the Division has degree (AAS) and certificate programs that are designed for immediate employment in the field.

## Business Degrees and Certificates

### **Business Administration (AS)**

- Small Business Management (Certificate)

### **Computer Information Systems (AS)**

- Business

- Forensics

- Software Development

- Computer Coding (Certificate)

- Computer Information Systems (Certificate)

### **Enterprise Development (AS)**

- Business Administration

### **Applied Technology (AAS)**

- Business Services

- Information Technology

- Digital Media

- Health Services

- Public Services

- Ammunition Management & Safety

# BUSINESS ADMINISTRATION (A.S)

Dynamic, fascinating, and constantly changing—that is the environment of the business world. The A.S. in Business Administration is designed to outline the freshman and sophomore years of study for students who plan to transfer to a university to major in such fields as marketing, economics, management, real estate, accounting, finance, management information systems, or general business.

Students planning to seek certification in business education should take SPAN 1113 in the General Education Elective category. Students should then take SPAN 1213 as an additional elective beyond the minimum required for an A.S.

## Requirements for the Associate in Science Degree

### Business Administration Division of Business

Eastern Oklahoma State College

Student Name:	Date:
Academic Advisor:	
Minimum Total Hours.....	65
Minimum Grade Point Average .....	2.00

<b>General Education Requirements ..... 41</b>		
<b>(Check Catalog Course Descriptions for prerequisites)*</b>		
<b>Orientation ..... 1</b>	Semester	Course Substitution
OLS 1111 Orientation		
<b>Behavioral and Social Sciences..... 9</b>	Semester	Course Substitution
POLSC 1113 American Federal Government		
ECON 2113 Introduction to Macroeconomics		
<i>Take <b>One</b> of the following courses:</i>		
HIIST 1483 American History to 1877		
HIIST 1493 American History since 1877		
<b>Mathematics ..... 3</b>	Semester	Course Substitution
<i>Take <b>One</b> of the following courses:</i>		
MATH 1513 College Algebra		
MATH 1523 Functions and Modeling		
<b>Natural Sciences ..... 7-9</b>	Semester	Course Substitution
<i>Life Science: Take <b>One</b> of the following courses:</i>		
BIOL 1114 General Biology		
BOT 1114 General Botany		
BIOL 2103 Environmental Science I		
ZOO 1114 General Zoology		
<i>Physical Science: Take <b>One</b> of the following courses:</i>		
CHEM 1315 General College Chemistry I*		
CHEM 1415 General College Chemistry II*		
PHYSC 1114 Physical Science		
PHYSC 1214 Earth Science		
PHY 1114 General Physics I*		
PHYSC 1124 Elementary Astronomy		

<b>Communications ..... 12</b>	Semester	Course Substitution
ENGL 1113 Freshman Composition I		
ENGL 1213 Freshman Composition II*		
CIS 1113 Computer Applications		
<i>Take <b>One</b> of the following courses:</i>		
SPCH 1113 Fundamentals of Speech		
SPCH 2233 Business and Professional Speaking		
<b>Humanities ..... 6</b>	Semester	Course Substitution
<i>Take <b>One</b> of the following courses:</i> HUMAN 1133 Music in Life, HUMAN 1143 Art in Life, HUMAN 1153 Sur of World Rel., HUMAN 1163 Film Appr., HUMAN 2103 Theatre Appr., HUMAN 2113 Early Glob. Cultures, HUMAN 2213 Modern Glob. Cultures, HUMAN 2223 Intro to Phil., HUMAN 2233 World Lit I, HUMAN 2243 World Lit II, HUMAN 2253 Native Amer. Hum., HUMAN 2513 Social/Pol Change, HUMAN 2613 Bible as Lit, HUMAN 2713 Glob. Hum. Denmark, HUMAN 2993 Special Topics		
<b><i>And Take <b>One Additional Course</b> from the following courses or from the list above:</i></b> HIST 2413 Early World Civ, HIST 2423 Modern World Civ, ENGL 2413 Intro to Lit, ENGL 2433 World Lit I, ENGL 2443 World Lit II, ENGL 2543 Eng. Lit I, ENGL 2653 Eng. Lit II, ENGL 2773 Amer Lit I, ENGL 2883 Amer Lit II, RELED 2103 Intro to Old Testament, RELED 2203 Intro to New Testament		
<b>General Education Elective ..... 1-3</b> <i>**If needed to complete minimum General Education requirements.</i>	Semester	Course Substitution
<i>Select from the following courses:</i>		
SPAN 1113 Spanish I		
HIST 1103 History of Oklahoma		
HIST 2723 History of the American Indian		
MCOMM 1113 Introduction to Mass Communications		
HPER 1113 Health Concepts		
HPER 2102 First Aid		
HPER 1102 School and Community Health		
Other PSY courses (PSY 1113 prerequisite)		
Other SOC courses (SOC 1113 prerequisite)		
Other MATH courses (MATH 1513 prerequisite)		

<b>Program Requirements ..... 24</b>		
<b>Common Core ..... 12</b>	Semester	Course Substitution
ACCT 2103 Financial Accounting		
ACCT 2203 Managerial Accounting*		
CIS 1533 Intro to Spreadsheets		
ECON 2123 Introduction to Microeconomics		
<b>Strongly Recommended Electives ..... 9-12</b>	Semester	Course Substitution
BUSAD 1123 Introduction to Business		
BUSAD 2113 Business Statistics		
BUSAD 2123 Business Communications		
MATH 2413 Brief Calculus with Applications		
MATH/BUSAD 2203 Business Calculus*		
<b>Other Elective Choices ..... 3-12</b>	Semester	Course Substitution
ACCT 1113, BUSAD 2533, CIS 1543, CIS 2333, CIS 2533, CIS 2543, BUSAD 1133, MGT 2113, MKT 2333		

**Special Note About Physical Education–Health–Wellness.** Some universities have a requirement for physical education or health or wellness in their general education and/or teacher education curricula. Students should consult their advisors and the catalogs of the universities to which they intend to transfer to determine appropriate courses, if any, to take at Eastern.

## Small Business Management (Certificate)

### Requirements for the Certificate of Mastery in

**Certificate of Mastery in  
Division of Business**

**Small Business Management**

Eastern Oklahoma State College

Student Name:	Date:
Academic Advisor:	
Minimum Total Hours.....	18
Minimum Grade Point Average .....	2.00

<b>Certificate Requirements ..... 18</b>		
<b>(Check Catalog Course Descriptions for prerequisites)*</b>		
<b>Certificate of Mastery in ..... 6</b>	Semester	Course Substitution
CIS 1113 Computer Applications		
BUSAD 1123 Introduction to Business		
<b>Program Requirements ..... 12</b>	Semester	Course Substitution
BUSAD 2123 Business Communications		
ACCT 1113 Basic Bookkeeping or ACCT 2103 Financial Accounting		
CIS 1533 Introduction to Spreadsheets		
MGT 2113 Principles of Management or MKT 2333 Marketing		

# Computer Information Systems (A.S.)

The A.S. in Computer Information Systems is designed to outline the freshman and sophomore years of study for students who plan to transfer to a university. The Computer Information Systems degree has three options. The Business Option is related to the Management Information Systems (MIS) degree at the university level. The software development option is designed for those students who want a university major in computer science. A computer forensics option is also available.

## Business Option

### Requirements for the Associate in Science Degree

#### Computer Information Systems – Business (MIS)

Division of Business

Eastern Oklahoma State College

Student Name:	Date:
Academic Advisor:	
Minimum Total Hours.....	65
Minimum Grade Point Average .....	2.00

<b>General Education Requirements .....</b>	<b>41</b>		
<i>(Check Catalog Course Descriptions for prerequisites)*</i>			
<b>Orientation .....</b>	<b>1</b>	Semester	Course Substitution
OLS 1111 Orientation			
<b>Behavioral and Social Sciences.....</b>	<b>9</b>	Semester	Course Substitution
POLSC 1113 American Federal Government			
<i>Take One of the following courses:</i>			
HIST 1483 American History to 1877			
HIST 1493 American History since 1877			
<i>Take One of the following courses:</i>			
PSY 1113 Introduction to Psychology			
SOC 1113 Introduction to Sociology			
ECON 2113 Introduction to Macroeconomics			
ECON 2123 Introduction to Microeconomics			
<b>Mathematics .....</b>	<b>3</b>	Semester	Course Substitution
<i>Take the following course:</i>			
MATH 1513 College Algebra			
<b>Natural Sciences .....</b>	<b>7-9</b>	Semester	Course Substitution
<i>Life Science: Take One of the following courses:</i>			
BIOL 1114 General Biology			
BOT 1114 General Botany			
BIOL 2103 Environmental Science I			
ZOO 1114 General Zoology			
<i>Physical Science: Take One of the following courses:</i>			

CHEM 1315 General College Chemistry I*		
CHEM 1415 General College Chemistry II*		
PHYSC 1114 Physical Science		
PHYSC 1124 Elementary Astronomy		
PHYSC 1214 Earth Science		
PHY 1114 General Physics I*		
<b>Communications ..... 12</b>	Semester	Course Substitution
ENGL 1113 Freshman Composition I		
ENGL 1213 Freshman Composition II*		
CIS 1113 Computer Applications		
<i>Take <b>One</b> of the following courses:</i>		
SPCH 1113 Fundamentals of Speech		
SPCH 2233 Business and Professional Speaking		
<b>Humanities ..... 6</b>	Semester	Course Substitution
<i>Take <b>One</b> of the following courses:</i>		
HUMAN 1133 Music in Life, HUMAN 1143 Art in Life, HUMAN 1153 Sur of World Rel., HUMAN 1163 Film Appr., HUMAN 2103 Theatre Appr., HUMAN 2113 Early Glob. Cultures, HUMAN 2213 Modern Glob. Cultures, HUMAN 2223 Intro to Phil., HUMAN 2233 World Lit I, HUMAN 2243 World Lit II, HUMAN 2253 Native Amer. Hum., HUMAN 2513 Social/Pol Change, HUMAN 2613 Bible as Lit, HUMAN 2713 Glob. Hum. Denmark, HUMAN 2993 Special Topics		
<b><i>And Take <b>One Additional Course</b> from the following courses or from the list above:</i></b>		
HIST 2413 Early World Civ, HIST 2423 Modern World Civ, ENGL 2413 Intro to Lit, ENGL 2433 World Lit I, ENGL 2443 World Lit II, ENGL 2543 Eng. Lit I, ENGL 2653 Eng. Lit II, ENGL 2773 Amer Lit I, ENGL 2883 Amer Lit II, RELED 2103 Intro to Old Testament, RELED 2203 Intro to New Testament		
<b>General Education Elective ..... 1-3</b>	Semester	Course Substitution
<i>**If needed to complete minimum General Education requirements.</i>		
<i>Select from the following courses:</i>		
HIST 1103 History of Oklahoma		
HIST 2723 History of the American Indian		
MCOMM 1113 Introduction to Mass Communications		
HPER 1113 Health Concepts		
HPER 2102 First Aid		
HPER 1102 School and Community Health		
Other PSY courses (PSY 1113 prerequisite)		
Other SOC courses (SOC 1113 prerequisite)		
Other MATH courses (MATH 1513 prerequisite)		
Any Foreign Language or American Sign Language course		

<b>Program Requirements..... 24</b>		
<b>Common Core ..... 12</b>	Semester	Course Substitution
CIS 1223 Computer Logic & Algorithms		
CIS 2223 Programming in C++*		
CIS 2233 Adv Programming in C++*		
CIS 2413 Programming in Python*		
<b>Business Major Field ..... 12</b>	Semester	Course Substitution
ACCT 2103 Financial Accounting		
ACCT 2203 Managerial Accounting*		
BUSAD 2113 Business Statistics		
CIS 2333 Introduction to Access Database		

**Special Note About Physical Education–Health–Wellness.** Some universities have a requirement for physical education or health or wellness in their general education and/or teacher education curricula. Students should consult their advisors and the catalogs of the universities to which they intend to transfer to determine appropriate courses, if any, to take at Eastern.

## Software Development Option

### Requirements for the Associate in Science Degree

#### Computer Information Systems – Software Development Division of Business

Eastern Oklahoma State College

Student Name:	Date:
Academic Advisor:	
Minimum Total Hours.....	67
Minimum Grade Point Average .....	2.00

<b>General Education Requirements ..... 41</b> (Check Catalog Course Descriptions for prerequisites)*		
<b>Orientation ..... 1</b>	Semester	Course Substitution
OLS 1111 Orientation		
<b>Behavioral and Social Sciences..... 9</b>	Semester	Course Substitution
POLSC 1113 American Federal Government		
<i>Take <b>One</b> of the following courses:</i>		
HIST 1483 American History to 1877		
HIST 1493 American History since 1877		
<i>Take <b>One</b> of the following courses:</i>		
PSY 1113 Introduction to Psychology		
SOC 1113 Introduction to Sociology		
ECON 2113 Introduction to Macroeconomics		
ECON 2123 Intro to Microeconomics		
<b>Mathematics ..... 3</b>	Semester	Course Substitution
<i>Take the following course:</i>		
MATH 1513 College Algebra		
<b>Natural Sciences..... 7-9</b>	Semester	Course Substitution
<i>Life Science: Take <b>One</b> of the following courses:</i>		
BIOL 1114 General Biology		
BOT 1114 General Botany		
BIOL 2103 Environmental Science I		
ZOO 1114 General Zoology		
<i>Physical Science: Take <b>One</b> of the following courses:</i>		
CHEM 1315 General College Chemistry I*		
CHEM 1415 General College Chemistry II*		
PHYSC 1114 Physical Science		

PHYSC 1124 Elementary Astronomy		
PHYSC 1214 Earth Science		
PHY 1114 General Physics I*		
<b>Communications ..... 12</b>	Semester	Course Substitution
ENGL 1113 Freshman Composition I		
ENGL 1213 Freshman Composition II*		
CIS 1113 Computer Applications		
<i>Take <b>One</b> of the following courses:</i>		
SPCH 1113 Fundamentals of Speech		
SPCH 2233 Business and Professional Speaking		
<b>Humanities ..... 6</b>	Semester	Course Substitution
<i>Take <b>One</b> of the following courses:</i> HUMAN 1133 Music in Life, HUMAN 1143 Art in Life, HUMAN 1153 Sur of World Rel., HUMAN 1163 Film Appr., HUMAN 2103 Theatre Appr., HUMAN 2113 Early Glob. Cultures, HUMAN 2213 Modern Glob. Cultures, HUMAN 2223 Intro to Phil., HUMAN 2233 World Lit I, HUMAN 2243 World Lit II, HUMAN 2253 Native Amer. Hum., HUMAN 2513 Social/Pol Change, HUMAN 2613 Bible as Lit, HUMAN 2713 Glob. Hum. Denmark, HUMAN 2993 Special Topics		
<i><b>And Take One Additional Course</b> from the following courses or from the list above:</i> HIST 2413 Early World Civ, HIST 2423 Modern World Civ, ENGL 2413 Intro to Lit, ENGL 2433 World Lit I, ENGL 2443 World Lit II, ENGL 2543 Eng. Lit I, ENGL 2653 Eng. Lit II, ENGL 2773 Amer Lit I, ENGL 2883 Amer Lit II, RELED 2103 Intro to Old Testament, RELED 2203 Intro to New Testament		
<b>General Education Elective ..... 1-3</b> <i>**If needed to complete minimum General Education requirements.</i>	Semester	Course Substitution
<i>Select from the following courses:</i>		
HIST 1103 History of Oklahoma		
HIST 2723 History of the American Indian		
MCOMM 1113 Introduction to Mass Communications		
HPER 1113 Health Concepts		
HPER 2102 First Aid		
HPER 1102 School and Community Health		
Other PSY courses (PSY 1113 prerequisite)		
Other SOC courses (SOC 1113 prerequisite)		
Other MATH courses (MATH 1513 prerequisite)		
Any Foreign Language or American Sign Language course		

<b>Program Requirements..... 26</b>		
<b>Common Core ..... 12</b>	Semester	Course Substitution
CIS 1223 Computer Logic & Algorithms		
CIS 2223 Programming in C++*		
CIS 2233 Adv Programming in C++*		
CIS 2413 Programming in Python*		
<b>Software Dev Major Field ..... 14</b>	Semester	Course Substitution
MATH 1613 Trigonometry*		
MATH 2235 Calculus I*		
CIS 1233 Introduction to UNIX*		
<i>Take <b>One</b> of the following courses:</i>		
MATH 2013 Intro to Discrete Mathematics		
MATH 2113 Business Statistics*		
CIS 1313 Networking Essentials		
CIS 2753 Computer Forensics I		

**Special Note About Physical Education–Health–Wellness.** Some universities have a requirement for physical education or health or wellness in their general education and/or teacher education curricula. Students should consult their advisors and the catalogs of the universities to which they intend to transfer to determine appropriate courses, if any, to take at Eastern.

## Computer Forensics Option

### Requirements for the Associate in Science Degree

#### Computer Information Systems - Forensics Division of Business

Eastern Oklahoma State College

Student Name:	Date:
Academic Advisor:	
Minimum Total Hours.....	65
Minimum Grade Point Average .....	2.00

<b>General Education Requirements ..... 41</b> (Check Catalog Course Descriptions for prerequisites)*		
<b>Orientation ..... 1</b>	Semester	Course Substitution
OLS 1111 Orientation		
<b>Behavioral and Social Sciences..... 9</b>	Semester	Course Substitution
POLSC 1113 American Federal Government		
<i>Take <b>One</b> of the following courses:</i>		
HIST 1483 American History to 1877		
HIST 1493 American History since 1877		
<i>Take <b>One</b> of the following courses:</i>		
PSY 1113 Introduction to Psychology		
SOC 1113 Introduction to Sociology		
ECON 2113 Introduction to Macroeconomics		
ECON 2123 Introduction to Microeconomics		
<b>Mathematics ..... 3</b>	Semester	Course Substitution
<i>Take the following course:</i>		
MATH 1513 College Algebra		
<b>Natural Sciences ..... 7-9</b>	Semester	Course Substitution
<i>Life Science: Take <b>One</b> of the following courses:</i>		
BIOL 1114 General Biology		
BOT 1114 General Botany		
BIOL 2103 Environmental Science I		
ZOO 1114 General Zoology		
<i>Physical Science: Take <b>One</b> of the following courses:</i>		
CHEM 1315 General College Chemistry I*		
CHEM 1415 General College Chemistry II*		
PHYSC 1114 Physical Science		

PHYSC 1124 Elementary Astronomy		
PHYSC 1214 Earth Science		
PHY 1114 General Physics I*		
<b>Communications ..... 12</b>	Semester	Course Substitution
ENGL 1113 Freshman Composition I		
ENGL 1213 Freshman Composition II*		
CIS 1113 Computer Applications		
<i>Take <b>One</b> of the following courses:</i>		
SPCH 1113 Fundamentals of Speech		
SPCH 2233 Business and Professional Speaking		
<b>Humanities ..... 6</b>	Semester	Course Substitution
<i>Take <b>One</b> of the following courses:</i>		
HUMAN 1133 Music in Life, HUMAN 1143 Art in Life, HUMAN 1153 Sur of World Rel., HUMAN 1163 Film Appr., HUMAN 2103 Theatre Appr., HUMAN 2113 Early Glob. Cultures, HUMAN 2213 Modern Glob. Cultures, HUMAN 2223 Intro to Phil., HUMAN 2233 World Lit I, HUMAN 2243 World Lit II, HUMAN 2253 Native Amer. Hum., HUMAN 2513 Social/Pol Change, HUMAN 2613 Bible as Lit, HUMAN 2713 Glob. Hum. Denmark, HUMAN 2993 Special Topics		
<b>And Take <b>One Additional Course</b> from the following courses or from the list above:</b>		
HIST 2413 Early World Civ, HIST 2423 Modern World Civ, ENGL 2413 Intro to Lit, ENGL 2433 World Lit I, ENGL 2443 World Lit II, ENGL 2543 Eng. Lit I, ENGL 2653 Eng. Lit II, ENGL 2773 Amer Lit I, ENGL 2883 Amer Lit II, RELED 2103 Intro to Old Testament, RELED 2203 Intro to New Testament		
<b>General Education Elective ..... 1-3</b>	Semester	Course Substitution
<i>**If needed to complete minimum General Education requirements.</i>		
<i>Select from the following courses:</i>		
HIST 1103 History of Oklahoma		
HIST 2723 History of the American Indian		
MCOMM 1113 Introduction to Mass Communications		
HPER 1113 Health Concepts		
HPER 2102 First Aid		
HPER 1102 School and Community Health		
Other PSY courses (PSY 1113 prerequisite)		
Other SOC courses (SOC 1113 prerequisite)		
Other MATH courses (MATH 1513 prerequisite)		
Any Foreign Language or American Sign Language course		

<b>Program Requirements..... 24</b>		
<b>Common Core ..... 12</b>	Semester	Course Substitution
CIS 1223 Computer Logic & Algorithms		
CIS 2223 Programming in C++*		
CIS 2233 Adv Programming in C++*		
CIS 2413 Programming in Python*		
<b>Forensics Major Field..... 12</b>	Semester	Course Substitution
CIS 2753 Computer Forensics I		
CIS 2763 Computer Forensics II*		
CIS 1233 Intro to UNIX*		
CIS 1313 Networking Essentials		

**Special Note About Physical Education–Health–Wellness.** Some universities have a requirement for physical education or health or wellness in their general education and/or teacher education curricula. Students should consult their advisors and the catalogs of the universities to which they intend to transfer to determine appropriate courses, if any, to take at Eastern.

# Computer Information Systems (Certificate)

## Requirements for the Certificate of Mastery in

### Certificate of Mastery in Division of Business Computer Information Systems

Eastern Oklahoma State College

Student Name:	Date:
Academic Advisor:	
Minimum Total Hours.....	18
Minimum Grade Point Average .....	2.00

<b>Certificate Requirements .....</b>	<b>18</b>	
<b>(Check Catalog Course Descriptions for prerequisites)*</b>		
<b>Certificate of Mastery in .....</b>	<b>6</b>	
CIS 1113 Computer Apps		
CIS 1313 Networking Essentials		
<b>Program Requirements .....</b>	<b>12</b>	
CIS 1213 Logic & Algorithms		
CIS 2223 Programming in C++*		
CIS 2233 Advanced Programming in C++*		
CIS 2413 Programming in Python*		

# Computer Coding (Certificate)

The Certificate in Computer Coding is designed to outline the study for students who desire immediate employment opportunity in the area of computer coding.

## Requirements for the Certificate in Computer Coding

### Computer Coding Division of Business

Eastern Oklahoma State College

Student Name:	Date:
Academic Advisor:	
Minimum Total Hours.....	12
Minimum Grade Point Average .....	2.00

<b>Certificate Requirements ..... 12</b> (Check Catalog Course Descriptions for prerequisites)*		
<b>Computer Coding Certificate ..... 12</b>	<b>Semester</b>	<b>Course Substitution</b>
CIS 1223 Computer Logic & Algorithms		
CIS 2223 Programming in C++*		
CIS 2233 Adv Programming in C++*		
CIS 2413 Programming in Python*		

Note: Students may choose to take additional courses, but these 12 credits are required to earn this Certificate from Eastern.

# Enterprise Development – Business Option (A.S.)

## Requirements for the Associate in Science Degree

### Enterprise Development - Business Division of Business

Eastern Oklahoma State College

Student Name:	Date:
Academic Advisor:	
Minimum Total Hours.....	60
Minimum Grade Point Average .....	2.00

<b>General Education Requirements .....37</b>		
<i>(Check Catalog Course Descriptions for prerequisites)*</i>		
<b>Behavioral and Social Sciences..... 12</b>	Semester	Course Substitution
POLSC 1113 American Federal Government		
<i>Take <b>One</b> of the following courses:</i>		
HIST 1483 American History to 1877		
HIST 1493 American History since 1877		
<i>Take <b>Two</b> of the following courses:</i>		
PSY 1113 Introduction to Psychology		
SOC 1113 Introduction to Sociology		
SPAN 1103 Conversational Spanish		
CIS 1113 Computer Applications		
<b>Mathematics ..... 3</b>	Semester	Course Substitution
<i>Take <b>One</b> of the following courses:</i>		
MATH 1513 College Algebra		
MATH 2233 Elementary Statistics		
Any General Education Math		
<b>Natural Sciences ..... 7-9</b>	Semester	Course Substitution
<i>Life Science: Take <b>One</b> of the following courses:</i>		
BIOL 1114 General Biology		
BOT 1114 General Botany		
BIOL 2103 Environmental Science I		
BIOL 2124 Microbiology*		
BIOL 2114 Human Anatomy		
BIOL 2214 Human Physiology*		
ZOO 1114 General Zoology		
<i>Physical Science: Take <b>One</b> of the following courses:</i>		
CHEM 1315 General College Chemistry I*		
CHEM 1415 General College Chemistry II*		
PHYSC 1114 Physical Science		
PHYSC 1124 Elementary Astronomy		
PHYSC 1214 Earth Science		

PHY 1114 General Physics I*		
<b>Communications ..... 9</b>	Semester	Course Substitution
ENGL 1113 Freshman Composition I		
ENGL 1213 Freshman Composition II*		
<i>Take One of the following courses:</i>		
SPCH 1113 Fundamentals of Speech		
SPCH 2233 Business and Professional Speaking		
<b>Humanities ..... 6</b>	Semester	Course Substitution
<i>Take One of the following courses:</i> HUMAN 1133 Music in Life, HUMAN 1143 Art in Life, HUMAN 1153 Sur of World Rel., HUMAN 1163 Film Appr., HUMAN 2103 Theatre Appr., HUMAN 2113 Early Glob. Cultures, HUMAN 2213 Modern Glob. Cultures, HUMAN 2223 Intro to Phil., HUMAN 2233 World Lit I, HUMAN 2243 World Lit II, HUMAN 2253 Native Amer. Hum., HUMAN 2513 Social/Pol Change, HUMAN 2613 Bible as Lit, HUMAN 2713 Glob. Hum. Denmark, HUMAN 2993 Special Topics		
<b><i>And Take One Additional Course from the following courses or from the list above:</i></b> HIST 2413 Early World Civ, HIST 2423 Modern World Civ, ENGL 2413 Intro to Lit, ENGL 2433 World Lit I, ENGL 2443 World Lit II, ENGL 2543 Eng. Lit I, ENGL 2653 Eng. Lit II, ENGL 2773 Amer Lit I, ENGL 2883 Amer Lit II, RELED 2103 Intro to Old Testament, RELED 2203 Intro to New Testament		

<b>Program Requirements..... 23</b>		
<b>Enterprise Development Major Field.....23</b>	Semester	Course Substitution
ACCT 2103 Financial Accounting		
ACCT 2203 Managerial Accounting*		
ECON 2113 Introduction to Macroeconomics		
ECON 2123 Introduction to Microeconomics		
MKT 2333 Marketing		
BUSAD 2113 Business Statistics		
BUSAD 2534 Business Internship		
BUSAD 2992 Business Capstone Seminar		

# Business Services (A.A.S.)

## Requirements for the Associate in Applied Science Applied Technology Degree

### Business Services Option

#### Division of Business

Eastern Oklahoma State College

Student Name:	Date:
Academic Advisor:	
Minimum Total Hours.....	60
Minimum Grade Point Average .....	2.00

<b>General Education Requirements ..... 18</b>		
(Check Catalog Course Descriptions for prerequisites)*		
<b>Orientation ..... 1</b>	Semester	Course Substitution
OLS 1111 Orientation		
<b>Behavioral and Social Sciences..... 6</b>	Semester	Course Substitution
POLSC 1113 American Federal Government		
<i>Take <b>One</b> of the following courses:</i>		
HIST 1483 American History to 1877		
HIST 1493 American History since 1877		
<b>Communication..... 6</b>	Semester	Course Substitution
ENGL 1113 Freshman Composition I		
ENGL 1213 Freshman Composition II*		
<b>Other General Education ..... 6</b>	Semester	Course Substitution
<i>Courses from the General Education category not already taken above</i>		
<b>Technical Block Credit..... 15</b>	Semester	Course Substitution
Technical block credit of 15 credits is transferred for completion of <b><i>all</i></b> the following industry-recognized certifications:		
MOS Excel		
Retail Management Certification		
Internet and Computing Core Certifications (IC3)		
MOS Word		

<b>Technical Support Courses..... 27</b>		
<b>Courses can be chosen from those below:</b>	Semester	Course Substitution

ACCT 1113 Basic Bookkeeping			
ACCT 2103 Financial Accounting			
ACCT 2203 Managerial Accounting*			
CIS 1533 Spreadsheets			
BUSAD 1123 Intro to Business			
BUSAD 2123 Business Communications			
BUSAD 1133 Human Relations			
MGT 2113 Principles of Management			
MKT 2333 Marketing			
ECON 2113 Macroeconomics			
MATH 1523 Functions and Modeling			
SPCH 1113 Fundamentals of Speech			
BUSAD 2991, 2992, 2993 Special Topics			

# Information Technology (A.A.S.)

## Requirements for the Associate in Applied Science Applied Technology Degree

### Information Technology Option Division of Business

Eastern Oklahoma State College

Student Name:	Date:
Academic Advisor:	
Minimum Total Hours.....	60
Minimum Grade Point Average .....	2.00

<b>General Education Requirements ..... 18</b> (Check Catalog Course Descriptions for prerequisites)*		
<b>Orientation ..... 1</b>	Semester	Course Substitution
OLS 1111 Orientation		
<b>Behavioral and Social Sciences..... 6</b>	Semester	Course Substitution
POLSC 1113 American Federal Government		
<i>Take <b>One</b> of the following courses:</i>		
HIST 1483 American History to 1877		
HIST 1493 American History since 1877		
<b>Communication..... 6</b>	Semester	Course Substitution
ENGL 1113 Freshman Composition I		
ENGL 1213 Freshman Composition II*		
<b>Other General Education ..... 6</b> <i>Courses from the General Education category not already taken above</i>	Semester	Course Substitution
<b>Technical Block Credit..... 30</b>	Semester	Course Substitution
Technical block credit of 15 credits is transferred for completion of <u>6</u> the following industry-recognized certifications:		
Network Security		
Windows Server Administration Fundamentals (ITS)		
Storage +		
Server +		
A+		
Comp TIA IT Fundamentals		
TOSA Digi comp Cert. or TOSA Cyber Citizen		

<b>Technical Support Courses..... 12</b>
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Courses can be chosen from those below:	Semester	Course Substitution
CIS 1113 Computer Apps		
CIS 1223 Logic & Algorithms		
CIS 2223 Programming in C++*		
CIS 2233 Advanced C++*		
CIS 2413 Programming in Python*		
CIS 2753 Computer Forensics I		
CIS 2763 Computer Forensics II*		
CIS 2991, 2992, 2993 Special Topics		

# Digital Media (A.A.S.)

## Requirements for the Associate in Applied Science Applied Technology Degree

### Digital Media Option Division of Business

Eastern Oklahoma State College

Student Name:	Date:
Academic Advisor:	
Minimum Total Hours.....	60
Minimum Grade Point Average .....	2.00

<b>General Education Requirements ..... 18</b> (Check Catalog Course Descriptions for prerequisites)*		
<b>Orientation ..... 1</b>	Semester	Course Substitution
OLS 1111 Orientation		
<b>Behavioral and Social Sciences..... 6</b>	Semester	Course Substitution
POLSC 1113 American Federal Government		
<i>Take <b>One</b> of the following courses:</i>		
HIST 1483 American History to 1877		
HIST 1493 American History since 1877		
<b>Communication..... 6</b>	Semester	Course Substitution
ENGL 1113 Freshman Composition I		
ENGL 1213 Freshman Composition II*		
<b>Other General Education ..... 6</b>	Semester	Course Substitution
<i>Courses from the General Education category not already taken above</i>		
<b>Technical Block Credit..... 27</b>	Semester	Course Substitution
Technical block credit of 27 credits is transferred for completion of <b><u>all</u></b> the following industry-recognized certifications:		
ACA Graphic Communications		
ACA Adobe Photoshop		
ACA Graphic Design Illustrator with Adobe Illustrator		
ACA Print and Digital Media Publication Using Adobe InDesign		
ACP Visual Design Using Photoshop		
ACP Web Authoring Using Adobe Dreamweaver		
ACP Digital Video Using Adobe Premier Pro		
ACP Multiplatform Animation Using Adobe Animate		
ACP Visual Effects & Motion Graphics Using Adobe After Effects		
Motion Graphics Artist		

**Technical Support Courses..... 15**

<b>Courses can be chosen from those below:</b>	Semester	Course Substitution
MCOMM 1103 Fundamentals of Photography		
MCOMM 1113 Introduction to Mass Communications		
MCOMM 1203 Graphic Arts for the Print Media		
MCOMM 1223 Video Production I		
MCOMM 2103 Video Production II*		
MCOMM 2991, 2992, 2993, 2994 Special Topics		
HUMAN 1143 Art in Life		
HUMAN 1163 Film Appreciation		

# Health Services (A.A.S.)

## Requirements for the Associate in Applied Science Applied Technology Degree

### Health Services (Sciences) Division of Business

Eastern Oklahoma State College

Student Name:	Date:
Academic Advisor:	
Minimum Total Hours.....	60
Minimum Grade Point Average .....	2.00

<b>General Education Requirements ..... 18</b> (Check Catalog Course Descriptions for prerequisites)*		
<b>Orientation ..... 1</b>	Semester	Course Substitution
OLS 1111 Orientation		
<b>Behavioral and Social Sciences..... 6</b>	Semester	Course Substitution
POLSC 1113 American Federal Government		
<i>Take <b>One</b> of the following courses:</i>		
HIST 1483 American History to 1877		
HIST 1493 American History since 1877		
<b>Communication..... 6</b>	Semester	Course Substitution
ENGL 1113 Freshman Composition I		
ENGL 1213 Freshman Composition II*		
<b>Other General Education ..... 6</b>	Semester	Course Substitution
<i>Courses from the General Education category not already taken above</i>		
<b>Technical Block Credit..... 15</b>	Semester	Course Substitution
Technical block credit of 15 credits is transferred for completion of <b><i>all</i></b> the following industry-recognized certifications:		
Phlebotomy Technician		
Clinical Medical Assistant		
Long Term Care Aide		
Home Health Care Nurse Aide		
Advanced Unlicensed Assistant		

<b>Technical Support Courses..... 27</b>
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Courses can be chosen from those below:	Semester	Course Substitution
ACCT 1113 Basic Bookkeeping		
ACCT 2103 Financial Accounting		
ACCT 2203 Managerial Accounting*		
CIS 1533 Spreadsheets		
BUSAD 1123 Intro to Business		
BUSAD 2123 Business Communications		
BUSAD 1133 Human Relations		
MGT 2113 Principles of Management		
MKT 2333 Marketing		
ECON 2113 Macroeconomics		
NURS 2123 Medical Terminology		
NURS 2133 Health Assessment*		

# Public Service (A.A.S.)

## Requirements for the Associate in Applied Science Applied Technology Degree

### Public Service Option Division of Business

Eastern Oklahoma State College

Student Name:	Date:
Academic Advisor:	
Minimum Total Hours.....	60
Minimum Grade Point Average .....	2.00

<b>General Education Requirements ..... 18</b> (Check Catalog Course Descriptions for prerequisites)*		
<b>Orientation ..... 1</b>	Semester	Course Substitution
OLS 1111 Orientation		
<b>Behavioral and Social Sciences..... 6</b>	Semester	Course Substitution
POLSC 1113 American Federal Government		
<i>Take <b>One</b> of the following courses:</i>		
HIST 1483 American History to 1877		
HIST 1493 American History since 1877		
<b>Communication..... 6</b>	Semester	Course Substitution
ENGL 1113 Freshman Composition I		
ENGL 1213 Freshman Composition II*		
<b>Other General Education ..... 6</b>	Semester	Course Substitution
<i>Courses from the General Education category not already taken above</i>		
<b>Technical Block Credit..... 15</b>	Semester	Course Substitution
Technical block credit of 15 credits is transferred for completion of <b><i>all</i></b> the following industry-recognized certifications:		
Unarmed Security Guard		
Any First Aid/CPR		

<b>Technical Support Courses..... 27</b>		
<b>Courses can be chosen from those below:</b>	Semester	Course Substitution
PSY 1113 Introduction to Psychology		

SOC 1113 Introduction to Sociology		
SOC 2113 Social Problems		
CRJS 1143 Juvenile Delinquency		
CRJS 1233 Criminology		
CRJS 1123 Intro to Criminal Justice		
CRJS 1113 Intro to Corrections		
CRJS 2123 Criminal Law		
CRJS 1133 Intro to Law Enforcement		
CRJS 1253 Criminal Investigation		
CRJS 2233 Deviant Behavior		
CRJS 1211, 1212 – 3 to 4 hour Seminar or Special Topics		

# Ammunition Management & Safety (A.A.S.)

## Requirements for the Associate in Applied Science in Ammunition Management & Safety Degree

*This is a special program for Ammunition Soldiers who are awarded the Military Occupational Specialty Ammunition Specialist who have completed certain technical training and have one-the-job training experiences.*

### Ammunition Management & Safety Division of Business

Eastern Oklahoma State College

Student Name:	Date:
Academic Advisor:	
Minimum Total Hours.....	61
Minimum Grade Point Average .....	2.00

<b>General Education Requirements ..... 31</b>		
<i>(Check Catalog Course Descriptions for prerequisites)*</i>		
<b>Orientation ..... 1</b>	Semester	Course Substitution
OLS 1111 Orientation		
<b>Behavioral and Social Sciences..... 6</b>	Semester	Course Substitution
POLSC 1113 American Federal Government		
<i>Take <b>One</b> of the following courses:</i>		
HIST 1483 American History to 1877		
HIST 1493 American History since 1877		
<b>Communication..... 6</b>	Semester	Course Substitution
ENGL 1113 Freshman Composition I		
ENGL 1213 Freshman Composition II*		
<b>Other General Education ..... 9</b>	Semester	Course Substitution
CIS 1113 Computer Applications		
MATH 1513 College Algebra		
<i>Take <b>One</b> of the following courses:</i>		
MATH 2113 Business Statistics		
MATH 2233 Elementary Statistics		
<b>Supporting Electives..... 9-11</b>	Semester	Course Substitution
<i>Courses in psychology, sociology, economics, science, humanities, business speech, etc.</i>		

<b>Program Requirements..... 30</b>		
<b>Major Field .....20</b>	Semester	Course Substitution
<i>Extra institutional credits are available through Defense Ammunition Center and Military Occupational Specialty Ammunition Specialist for students who have completed 10 of the following technical training and on-the-job training experiences.</i>		

