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

General Education Requirements **41**
(Check Catalog Course Descriptions for prerequisites)*

Orientation **1**	Semester	Course Substitution
OLS 1111 Orientation		
Behavioral and Social Sciences.. **9**	Semester	Course Substitution
POLSC 1113 American Federal Government		
*Take **One** of the following courses:*		
HIST 1483 American History to 1877		
HIST 1493 American History since 1877		
*Take **One** of the following courses:*		
PSY 1113 Introduction to Psychology		
SOC 1113 Introduction to Sociology		
ECON 2113 Introduction to Macroeconomics		
ECON 2123 Intro to Microeconomics		
Mathematics **3**	Semester	Course Substitution
Take the following course:		
MATH 1513 College Algebra		
Natural Sciences **7-9**	Semester	Course Substitution
*Life Science: Take **One** of the following courses:*		
BIOL 1114 General Biology		
BOT 1114 General Botany		
BIOL 2103 Environmental Science I		
ZOO 1114 General Zoology		
*Physical Science: Take **One** of the following courses:*		
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*		
Communications 12	Semester	Course Substitution
ENGL 1113 Freshman Composition I		

ENGL 1213 Freshman Composition II*		
CIS 1113 Computer Applications		
*Take **One** of the following courses:*		
SPCH 1113 Fundamentals of Speech		
SPCH 2233 Business and Professional Speaking		

Humanities 6	Semester	Course Substitution
*Take **One** of the following courses:* 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		
*And Take **One Additional Course** from the following courses or from the list above:* 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		
General Education Elective ....1-3 **If needed to complete minimum General Education requirements.*	Semester	Course Substitution
Select from the following courses:		
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		

Program Requirements... 26

Common Core 12	Semester	Course Substitution
CIS 1223 Computer Logic & Algorithms		
CIS 2223 Programming in C++*		
CIS 2233 Adv Programming in C++*		
CIS 2413 Programming in Python*		
Software Dev Major Field 14	Semester	Course Substitution
MATH 1613 Trigonometry*		
MATH 2235 Calculus I*		
CIS 1233 Introduction to UNIX*		
*Take **One** of the following courses:*		
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.