

## Transfer Agreement

Oklahoma City Community College: A.S. Computer Science – Computer Science

Major Code: 106B

and

University of Central Oklahoma: B.S. Computer Science - Information Science

Major Code: 6102

### OSCC College Courses

#### General Education:

SCL 1001 Success in College and Life  
ENGL 1113 English Composition I  
ENGL 1213 English Composition II  
HIST 1483 U.S. History to the Civil War  
**or**  
HIST 1493 U.S. History since the Civil War  
POLSC 1113 American Federal Government  
HUMANITIES 6 hours  
PSY 1113 Intro to Psychology  
Physical Science 3 hours  
Biological Science (with lab) 4 hours  
COM 2213 Introduction to Public Speaking

MATH 1533 Pre-Calculus  
MATH 1613 Trigonometry  
^MATH 2104 Calc & Analytical Geo I  
^MATH 2214 Calc & Analytical Geo II

^CS1143 Beginning Programming  
^CS2163 Java  
^CS 2363 C++  
^CS 2453 Visual Basic  
^ CS 2553 Advanced Visual Basic or  
^CS 2463 Advanced Java or  
^CS 2563 C#.NET

#### Total 62-64 hours

To include additional course work in the OSCC catalog.

### UCO requirement

#### University Core:

UNIV 1012 Success Central  
ENG 1113 English Composition  
ENG 1213 English Comp and Research  
HIST 1483 History of U.S. to 1877

**or**

HIST 1493 History of U.S. since 1877

POL 1113 American National Government

#### HUMANITIES

PSY 1103 General Psychology

Physical Science

Biology

MCOM 1113 Fundamentals of Speech

#### OSCC A.S. degree completes UCO University Core requirements.

MATH 1513 College Algebra  
MATH 1593 Plane Trigonometry  
^MATH 2313 Calculus 1  
^MATH 2323 Calculus 2

CMSC 1513 Beginning Programming

^CMSC 1613 Programming I

^CMSC 2613 Programming II

^ CMSC 2413 Visual Programming

Elective lower division Computer Science

Major Requirements

Computer Science - Information Science.....	64
Required.....	49
^ CMSC 1621	Programming I Laboratory
^ CMSC 2123	Discrete Structures
^ CMSC 2833	Computer Organization I
^ SE 3103	Object Oriented Software Design and Construction
^ CMSC 3303	Systems Analysis and Design
^ CMSC 3413	Enterprise Programming
^ CMSC 3613	Data Structures and Algorithms
^ CMSC 4003	Applications Database Management
^ CMSC 4063	Networks
^ CMSC 4153	Operating Systems
^ CMSC 4323	Computer and Network Security
^* CMSC 4513	Software Design and Development
^ STAT 2113	Statistical Methods <b>OR</b>
^ STAT 2103	Introduction to Statistics for Sciences <b>OR</b>
^ STAT 4113	Mathematical Statistics 1
ACCT 2113	Accounting I
ACCT 2133	Accounting II
MGMT 3103	Principles of Management
ISOM 3263	Management Information Systems

^ A grade of 'C' or better must be earned in all required CMSC, SE, MATH, and STAT courses.

\* CMSC 4513 is recommended to be taken in the last semester prior to graduation.

Elective CMSC or SE courses.....	9
Any 3/4000 level CMSC or SE courses except SE 4513	
Any programming labs (CMSC 2621 and 3621)	

No more than three (3) hours of Internship and Individual Study combined may be used to satisfy the CMSC or SE elective requirement.

Credit cannot be received for both CMSC 3303 and SE 4283.

Other areas of application .....	6
Selected from the following:	
ACCT 3113	Managerial Accounting
FIN 3563	Fundamentals of Business Finance
ISOM 3323	Business Analytics
ISOM 4063	Computer Simulation
ISOM 4283	Developing Decision Support Systems
ISOM 4363	Information Systems Management
ISOM 4513	Virtualization

<b>Total hours at OCCC.....</b>	<b>62-64</b>
<b>Total hours at UCO.....</b>	<b>64</b>
<b>Electives to bring total to.....</b>	<b>124</b>
<b>Average in (a) all college course work, (b) course work at UCO, and (c) major courses.....</b>	<b>2.00</b>

Students must meet all bachelor degree requirements at UCO to include:

- 40 hours of upper division coursework
- 30 hours in residence at UCO
- 15 of the last 30 hours must be taken in residence at UCO

**Program-to-Program Transfer policies are available in the Introduction for Program-to-Program Agreements on the UCO website at the top of the list of agreements. Links to the agreements can be found on the Academic Affairs or Transfer Student Support web pages.**