

**Transfer Agreement
Between
Oklahoma City Community College
and
University of Central Oklahoma**

Effective Academic Year: 2011-2012

Associate in Science Degree in Computer Science - Computer Science

and

Bachelor of Science in Computer Science - Applied

Dr. Gang Qian, Chair
Department of Computer Science

Date

Mr. Tom Ashby, Dean
Division of IT

Date

Dr. John Barthell, Dean
College of Mathematics and Science

Date

Dr. Felix Aquino
Vice President for Academic Affairs

Date

Dr. William Radke, Provost
Vice President for Academic Affairs

Date

Transfer Agreement

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

Major Code: 106B

and

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

Major Code: 6101

OSCC College Courses

UCO requirement

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 except PHYS 1314
 BIO 1114 General Biology
 COM 2213 Intro to Public Speaking

University Core:

UNIV 1012 Success Central
 ENG 1113 English Composition
 ENG 1213 English Comp and Research
 HIST 1483 History of U.S. to 1877
 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 1533 PreCalculus and Analytic
 Geometry
 MATH 1613 Trigonometry
 ^MATH 2104 Calc & Analytical Geometry I
 ^MATH 2214 Calc & Analytical Geometry II

MATH 1513 College Algebra

MATH 1593 Plane Trigonometry
 ^MATH 2313 Calculus I
 ^MATH 2323 Calculus 2

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

CMSC 1513 Beginning Programming
 ^CMSC 1613 Programming I
 ^CMSC 2613 Programming II
 ^CMSC 2413 Visual Programming

Elective lower division Computer Science

Free electives.....0-4

Total 62-64 hours

Computer Science - Applied 39

Required 30

- ^ CMSC 2123 Discrete Structures
- ^ CMSC 2833 Computer Organization I

- ^ CMSC 3103 Object Oriented Programming
- ^ CMSC 3303 System Analysis and Design **OR**
- ^ CMSC 4283 Software Engineering
- ^ CMSC 3613 Data Structures and Algorithms
- ^ CMSC 4003 Applications Database Management
- ^ CMSC 4023 Programming Languages **OR**
- ^CMSC 4173 Translator Design
- ^ CMSC 4153 Operating Systems
- ^*CMSC 4513 Software Design and Development
- STAT 3103 Statistical Methods I **OR**
- STAT 4113 Mathematical Statistics I

^ A grade of 'C' or better must be earned in CMSC 1613, (1713 OR 2413), 2123, 2613, 2833, 3103, (3303 OR 4283), 3613, 4003, (4023 OR 4173), 4153, 4513 and MATH 2313, 2323.

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

***Elective 3000/4000 level Computer Science course..... 9**

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

Credit cannot be received for both CMSC 3303 and 4283.

Minor 18

The student will complete a minor; if the student is completing a second Bachelor's degree, the first degree's major will satisfy the requirements for the minor.

OR

Second Major

The student will complete a second major. If any of the courses listed among the 54 hours above is required for the second major, then (subject to academic policy) replacement course(s) will be selected by the Chair of the department in which the student is taking the second major.

Minimum Grade Requirements

Average in (a) all college course work, (b) course work at UCO, and (c) major courses.....	2.00
Total hours at OCCC.....	62-64
Total hours at UCO.....	60-62
Electives to bring total to.....	124
*Electives at 3/4000 level.....	7
UCO electives to bring total hours at a baccalaureate granting institution to.....	60

*** A student may take additional CMSC 3/4000 courses to bring the total hours of upper-division courses to 40.**

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

For other regulations pertaining to graduation, see the UCO 2011-2012 Undergraduate Catalog.