Transfer Agreement
Rose State College: A.S.-Mathematics - Computer Science Emphasis
And
University of Central Oklahoma: B.S.–Computer Science-Applied

To comply with this agreement, students must complete the associate degree with the major listed above and include the specific courses listed below.

Courses listed here are required for the agreement. Credited courses completed as part of the AA or AS that do not apply to the general education at OCCC or the UCO major transfer to UCO as electives.

Rose State College (RSC)	University of Central Oklahoma (UCO)
An Associate in Science (AS) or Associate in Art (AA) degree from an accredited Oklahoma institution that includes the OSRHE minimum requirements will satisfy the UCO University Core.	• Written and Oral Communication • Quantitative Reasoning/Scientific Method with Lab • Critical Inquiry and Aesthetic Analysis
See the program requirements for the associate degree on the RSC website. Credited courses completed as part of the A.A. or A.S. that do not apply to the general education at RSC or the UCO major transfer to UCO as electives.	• American Historical and Political Analysis • Cultural and Language Analysis • Social and Behavioral Analysis • Life Skills
Hours required for the AS or AA degree/major at RSC ……60-64	Remaining hours in UCO University Core…………0

RSC Courses	UCO Courses
MATH 2103 Discrete Math	CMSC 2123 Discrete Structures (Sub.)
MATH 2113 Calculus and Analytical Geometry I	MATH 2313 Calculus 1
MATH 2123 Calculus and Analytical Geometry II	MATH 2323 Calculus 2
MATH 2083 Intro. to Statistics for Engineering and Science	STAT 2113 Statistical Methods
CIT 1113 Fund of Computer & Programming Logic	CMSC 1513 Beginning Programming
CIT 1173 C++ Language	CMSC 1613 Programming I

Total at Rose State College…………………………………………………………..64

To be taken at the University of Central Oklahoma……………………………60-64

Major Requirements

Computer Science – Applied……………………………………………46
Required..34

^ CMSC   1621   Programming I Laboratory
 ^ CMSC   2413   Visual Programming
^ CMSC   2613   Programming II
 ^ CMSC   2621   Programming II Laboratory
 ^ CMSC   2833   Computer Organization and Architecture I
 ^ SE   3103   Object Oriented Software Design and Construction
 ^ CMSC   3303   Systems Analysis and Design **OR**
   ^ SE   4283   Software Engineering I
 ^ CMSC   3613   Data Structures and Algorithms
^ CMSC   3621   Data Structures and Algorithms Laboratory
^ CMSC   4003   Applications of Database Management Systems
^ CMSC   4023   Programming Languages **OR**
    ^CMSC   4173   Translator Design
 ^ CMSC   4153   Operating Systems
^ CMSC   4401   Ethics in Computing
 ^*CMSC   4513   Software Design and Development

^ 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 12
      Any 3/4000 level CMSC or SE courses except SE 4513

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.

Applied Area of Study……………………………………………………18

Minor
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.
OR
Associate degree or certificate or comparable concentration in an information technology or non-computer science/non-general studies discipline from a regionally accredited two- or four-year college or international equivalent with the approval of the Computer Science Department.

If less than 18 hours are transferred under this category, the student should take 2/3/4000 level CMSC electives to make up the difference. A student may take additional CMSC 3/4000 electives to bring the total hours of upper-division courses to 40.

Electives to bring total to 124

Minimum Grade Requirements
Average in (a) all college course work, (b) course work at UCO, and (c) major courses……….2.00

Students must meet all bachelor degree requirements at UCO to include minimums of:
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
60 hours from baccalaureate granting institutions

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 transfer agreements. This agreement does not include all possible variations for transfer with these programs/majors. The Academic Advisors along with the information in the official catalogs at both institutions are critical to the understanding of the specifics of degree completion.