Transfer Agreement
Between
Rose State College
and
University of Central Oklahoma

Effective Academic Year: 2015-2016

Associate in Science Degree in Mathematics – Computer Science Emphasis

and

Bachelor of Science – Computer Science

Dr. Gang Qian, Chair
Department of Computer Science
8/20/2015
Date

Dr. Wei Chen, Interim Dean
College of Math and Science
Date

Dr. John Barthell, Provost
Vice President for Academic Affairs
Date

Dr. Wayne Jones, Dean
Engineering and Science Division
10/12/15
Date

Dr. Frances Hendrix
Vice President for Academic Affairs
10/19/15
Date
Transfer Agreement
Rose State College: A.S.-Mathematics - Computer Science Emphasis and University of Central Oklahoma: B.S.--Computer Science
Major Code: 6100

Rose State College Courses
General Education as stated in RSC Catalog
ENGL 1113 English Composition I
ENGL 1213 English Composition II
HIST 1493 U.S. History since 1877 or
HIST 1483 U.S. History to 1877
POLs 1113 American Federal Government
Life Science (3-4)
HUM (6)
HPER (2)
Liberal Arts Elective (3)

MATH 2113 Calculus and Analytical Geometry I
MATH 2123 Calculus and Analytical Geometry II
MATH 2143 Calculus and Analytical Geometry III
MATH 2153 Calculus and Analytical Geometry IV
MATH 2103 Discrete Math
STAT 2853 Intro. to Statistics for Engineering and Science

UCO requirement
ENG 1113 English Composition
ENG 1213 English Composition and Research
HIST 1493 History of U.S. since 1877
HIST 1483 History of U.S. to 1877
POL 1113 American National Government
RSC A.S. completes UCO University Core Requirements.

CIT 1113 Fund of Computer & Programming Logic
CIT 1173 C++ Language
CIT 2173 Windows® Programming in C++ .NET
10 hrs. required below:
PHYS 2434 Physics I for Eng. & Science Majors and
PHYS 2401 General Physics Laboratory I
PHYS 2444 Physics II for Eng. & Science Major and
PHYS 2411 General Physics Laboratory II
*Total 62-64

*To include additional course work required for the A.S. as presented in the RSC Catalog.

To be taken at the University of Central Oklahoma.................................................60-62

Major Requirements

Computer Science .................................................................53
Required.................................................................37
^ CMSC 2613 Programming II
^ CMSC 2833 Computer Organization I
^ CMSC 3103 Object Oriented Software Design and Construction
^ CMSC 3833 Computer Organization II
^ 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 4273 Theory of Computing
CMSC 4283 Software Engineering I
CMSC 4401 Ethics in Computing
CMSC 4513 Software Design and Development
MATH 3143 Linear Algebra

A grade of ‘C’ or better must be earned in CMSC 1613, 2123, 2613, 2833, 3103, 3613, 3833, 4003, (4023 OR 4173), 4153, 4273, 4283, 4401, 4513 and MATH 2313, 2323, 2333, 3143.

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

Elective CMSC or SE courses ................................................. 16
Selected from the following:
- CMSC 1621 Programming I Laboratory
- CMSC 2621 Programming II Laboratory
- CMSC 3621 Data Structures/Algorithms Laboratory
- Any 3/4000 level CMSC or SE courses
  In addition to CMSC 1621, 2621 and 3621 an additional 3 hours of CMSC or SE electives may be taken at the 2000 level.

SE 4513 may not be used to satisfy the CMSC or SE elective requirement.

No more than four (4) 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 4283.

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

For other regulations pertaining to graduation, see the UCO 2015-2016 Undergraduate Catalog.