Transfer Agreement
Between
Rose State College
and
University of Central Oklahoma

Effective Academic Year: 2014-2015

Associate in Science Degree in Mathematics – Computer Science

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
2015-08-24
Date

Dr. Frances Hendrix
Vice President for Academic Affairs
10/12/15
Date

Dr. John Barthel, Provost
Vice President for Academic Affairs
24 August 2015
Date
Transfer Agreement
Rose State College: A.S.-Mathematics - Computer Science 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
POL S 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

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

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 S 1113 American National Government
RSC A.S. completes UCO University Core Requirements.

CMSC 2123 Discrete Structures (Sub.)
CMSC 1513 Beginning Programming
CMSC CMSC 1613 Programming I
CMSC 2000-level elective

PHYS 2434 Physics for Scientists & Engineers I
PHYS 2434 Physics for Scientists & Engineers II

*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 .................................................................56
Required...............................................................40
 ^= 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 4603 Applications Database Management
 ^= CMSC 4023 Programming Languages OR
 ^= CMSC 4173 Translator Design
 ^= CMSC 4153 Operating Systems
 ^= CMSC 4273 Theory of Computing
\(^\text{CMSC 4283} \quad \text{Software Engineering I}\)
\(^\text{CMSC 4401} \quad \text{Ethics in Computing}\)
\(^\text{CMSC 4513} \quad \text{Software Design and Development}\)
\(^\text{MATH 3143} \quad \text{Linear Algebra}\)
\(^\text{STAT 2113} \quad \text{Statistical Methods OR}\)
\(^\text{STAT 4113} \quad \text{Mathematical Statistics I}\)

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

\(^\text{CMSC 4513 is recommended to be taken in the last semester prior to graduation.}\)

**Elective courses............................16**

A minimum of 13 hours must be 3/4000 level CMSC courses. Up to 6 hours of CMSC electives may be taken at the 2000 level.

No more than four (4) 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.

**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 2014-2015 Undergraduate Catalog.