LETTER OF NOTIFICATION – 1

NAME CHANGE OF EXISTING CERTIFICATE, DEGREE, MAJOR, OPTION

OR ORGANIZATIONAL UNIT

(No change in program curriculum, option/emphasis/concentration or organizational structure)

* 1. Institution submitting request: University of Arkansas Fayetteville
  2. Contact person/title: Dr. Terry Martin, Vice Provost for Academic Affairs
  3. Phone number/e-mail address: (479) 575-2151/tmartin@uark.edu
  4. Proposed effective date: Fall 2018
  5. Current title of degree/certificate program: Bachelor of Science
  6. Current title of major or option/emphasis/concentration: Computer Science
  7. Current title of organizational unit: Computer Science and Computer Engineering
  8. Proposed name of certificate/degree: Bachelor of Science in Computer Science
  9. Proposed name of major or option/emphasis/concentration: NA
  10. Proposed name of organizational unit: NA
  11. Program CIP Code: 11.0701
  12. Degree/Department Code: 2410
  13. Reason for proposed action:

The CSCE Department is requesting the program name change and the CIP Code change to 11.0701 Computer Science to accurately reflect the definition of the degree. The old CIP Code 11.0101 Computer and Information Sciences, General is too broad a definition *(“A general program that focuses on computing, computer science, and information science and systems. Such programs are undifferentiated as to title and content and are not to be confused with specific programs in computer science, information science, or related support services”.)* of our degree program. The definition for 11.0701 states *“A program that focuses on computer theory, computing problems and solutions, and the design of computer systems and user interfaces from a scientific perspective. Includes instruction in the principles of computational science, computer development and programming, and applications to a variety of end-use situations.”* Additionally, the diplomas our students receive only state that they received a Bachelor of Science degree and does not mention that the degree was in computer science. With this requested change the degree would become “Bachelor of Science in Computer Science”. Adding the appropriate titles to the diplomas students are awarded would be greatly appreciated by our graduates and future alumni. The program is accredited by the Computer Accreditation Commission of ABET as BS in Computer Science.

* 1. Semester credit hours for proposed major or option/emphasis/concentration: 126

No changes are being made to the curriculum.

* 1. Provide the curriculum/credit hours for the certificate/degree/major/option/emphasis/concentration listed above.

**First Year**

Fall

GNEG 1111 Introduction to Engineering I 1

ENGL 1013 Composition I 3

CHEM 1103 University Chemistry I 3

MATH 2554 Calculus I 4

PHYS 2054 University Physics I 4

Spring

GNEG 1121 Introduction to Engineering II 1

MATH 2564 Calculus II 4

Freshman Science Elective 4

ENGL 1023 Composition II 3

History/Government Elective 3

**Second Year**

Fall

CSCE 2004 Programming Foundations I 4

CSCE 2114 Digital Design 4

MATH 2603 Discrete Mathematics 3

Basic Science Elective With Lab 4

Social Science Elective 3

Spring

CSCE 2014 Programming Foundations II 4

CSCE 2214 Computer Organization 4

MATH 3103 Combinatorial and Discrete Mathematics 3

Fine Arts Elective 3

Social Science Elective 3

**Third Year**

Fall

CSCE 3193 Programming Paradigms 3

CSCE 3613 Operating Systems 3

COMM 1313 Public Speaking 3

MATH 3083 Linear Algebra 3

INEG 2313 Applied Probability and Statistics for Engineers I 3

Spring

CSCE 3513 Software Engineering 3

CSCE 4523 Database Management Systems 3

CSCE Elective 3

PHIL 3103 Ethics and the Professions 3

Free Elective 3

**Fourth Year**

Fall

CSCE 4133 Algorithms 3

CSCE 4561 Capstone I 1

Two CSCE Electives 6

Two Free Electives 6

Spring

CSCE 4323 Formal Languages and Computability 3

CSCE 4963 Capstone II 3

CSCE Elective 3

Free Elective 3

Social Science Elective 3

Total Hours: 126

* 1. Provide additional program information if requested by ADHE staff.

President/Chancellor Approval Date: March 27, 2017

Board of Trustees Notification Date: May 25, 2017

Chief Academic Officer: James S. Coleman Date: March 20, 2017