FOR STUDENTS WHO STARTED IN SEPTEMBER 2003 OR EARLIER.

STUDENT NAME: _____ **ID NUMBER:** | | | | | | | | **Completion Date:** ____/____ **Graduation Date:** _____
(mo/yr) (year)

BS DEGREE IN COMPUTING: COMPUTER ENGINEERING

Open University validated as BSc (HONS) Computing: Computer Engineering with Combined Studies

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Lower Division Requirements **Semester Taken**

BA/SYST 103 = SYS 105 Introduction to Business and Systems _____
CSCI 107 = CSC 107 Fundamentals of Program Design I _____
CSCI 117 = CSC 117 Fundamentals of Program Design II _____
CSCI 121 = CSC 121 Information Systems and Computer Apps I _____
CSCI 131 = CSC 131 Information Systems and Computer Apps II _____
CSCI 200 = CSC 200 Systems Specification and Design _____
CSCI 207 = CSC 207 Fundamentals of Program Design III _____
CSCI 208 = CSC 208 Fundamentals of Program Design III Laboratory _____
CSCI 212 = CSC 212 Digital Systems Design _____
CSCI 213 = CSC 213 Digital Systems Design Laboratory _____
CSCI/SOC 215 = CSC/SCL 215 Social Issues in Computing _____
MATH 114 = MTH 114 Calculus with Analytic Geometry _____
MATH 117 = MTH 117 Discrete Mathematics _____
MATH 118 = MTH 118 Probability and Statistics I _____

Upper Division Requirement

CSCI/MATH 300 = CSC/MTH 300 Mathematics for Computing _____
CSCI 301 = CSC 301 Software Engineering _____
CSCI 319 = CSC 319 Algorithms _____
CSCI/ADAM 337 = CSC/ADM 337 Graphic Apps of Computers _____
CSCI 349 = CSC 349 Simulation and Modeling _____
CSCI/SYST 479 = CSC 479 Internet Computing _____
CSCI 491 = CSC 491 Senior Project I _____
CSCI 492 = CSC 492 Senior Project II _____
plus one elective 400 level CSCI = CSC course
_____ _____ _____

plus at least five courses chosen from the following, **two** of which must be 400 level:

CSCI 302/303 = CSC 302/303 Computer Architecture & Laboratory* _____
CSCI 305 = CSC 305 Computer Graphics _____
CSCI 307 Programming Languages _____
CSCI 345 = CSC 345 Human-Computer Interaction _____
CSCI 422 = CSC 422 Data Communications and Computer Networks _____
CSCI 427 = CSC 427 Operating Systems _____
CSCI 478 = CSC 478 Speech Processing _____
CSCI 483 = CSC 483 Internship in Computing _____
CSCI 500 = CSC 499 Independent Study in Computing _____
CSCI 440-459 = CSC 440-459 Special Topics in Computing *(list below)* _____

**this course and associated laboratory should normally be chosen*

RICHMOND CORE CURRICULUM **Semester Taken**

LEVEL ONE

1. **Numerical** _____ _____
2. **Experimental** _____ _____
3. **Behavioral** _____ _____
4. **Expressive** _____ _____
5. **Temporal & Spatial** _____ _____
6. **Rights, Choices and Values** _____ _____

LEVEL TWO

7. _____ _____
8. _____ _____
9. _____ _____

LEVEL THREE

10. _____ _____

BASIC SKILLS

1. **Writing Skills**
   ENGL 111 = ENG 111 Principles of Writing I _____
   ENGL 112 = ENG 112 Principles of Writing II _____
2. **Computer competence**
   ENGL 112 = ENG 112 _____
   exemption as documented in file _____
3. **Mathematics**
   MATH 100 = MTH 100 Fundamentals of Mathematics _____
   exemption via the Mathematics Placement Test _____
   exemption via Mathematics transfer credits _____
4. **Modern Languages**
   111 (French or Spanish) _____
   112 (same language as above) _____
   exemption as documented in file _____

Total Number of Upper Division Courses (at least 18) _____

Total Number of Credits (at least 120) _____

Student Signature: _____

Adviser Signature: _____

Date: _____