**EAST CENTRAL UNIVERSITY**

**COMPUTER SCIENCE - B.S.**
**0510/UG07**

Name

**Advisor** _____

**Student's Name**_____ **S.S.N.** __ __ __ - __ __ - __ __ __ __ **ID No.** _____

***DEGREE CHECK INCLUDES CURRENT ENROLLMENT***

**Checked by** _____ **Date** _____
**Required:**
**124 total hours** _____ **completed**
**30 hrs @ ECU**_____ **completed**
**(15 of last 30 must be at ECU)** _____
**60 hrs @ Sr College** _____ **completed**
**40 hrs upper level** _____ **completed**
**HS Curricular Req** __ **met** __ **not met**

**Work in progress** _____
**2.0 minimum required in the following areas:**
**ECU Avg** _____ **Rtn Avg** _____
**Major Overall Avg** _____
**Major ECU Avg**_____
**Minor Overall Avg** _____
**Minor ECU Avg** _____

**Work lacking:**
**Major** ____ **(inc A/C and Related Work)**
**Minor** ____ **(incl Rel Wk)**
**Prof Educ** _____
**General Educ** ____
**Comp Prof** ___ **met** ___ **not met**
**Serv Lrng** ___ **met** ___ **not met**

| REQUIREMENTS | HOURS |
|---|---|
| **I. General Education (45 HOURS)** *6 hours (CMPSC 1113 and MATH 1513) counted in the Major* | |
| Other hours needed | **36-39** |
| COMM 1113 may be used as related work. | |
| **II. Major in Computer Science** | **42** |
| **A. Required General Education** | 6 |
| __ CMPSC 1113 Computer Programming I | |
| __ MATH 1513 College Algebra | |
| **B. Required in Computer Science Major** | 21 |
| __ CMPSC 1133 Computer Programming II | |
| __ CMPSC 3113 Operating Systems | |
| __ CMPSC 3613 Computer Architecture | |
| __ CMPSC 3943 Software Design & Development | |
| __ CMPSC 4213 Data Base Design | |
| __ CMPSC 4473 Theory of Programming Languages | |
| __ CPSMA 2923 Data Struc & Algorithm Analys | |
| **C. Required Electives** | 15 |
| One of the following: | |
| __ CMPSC 2213 Computer Languages (subject named in title listing) | |
| __ CMPSC 2303 FORTRAN Programming | |
| __ CMPSC 2313 COBOL Programming | |
| __ CMPSC 2323 Internet Programming | |
| __ CMPSC 2333 Ada Programming Language | |
| Two of the following: | |
| __ CMPSC 3213 Org of Programming Languages | |
| __ CMPSC 3233 Linux Tools | |
| __ CMPSC 3543 Object Oriented Programming | |
| __ CMPSC 4223 Unix System Administration | |
| __ CMPSC 4983 Seminar: (thesis or project) | |
| Six hours from the following: | |
| __ CMPSC 1513 Computer Literacy | |
| __ CPSMA 3933 Operations Research | |
| __ CPSMA 4413 Numerical Analysis | |

| REQUIREMENTS | HOURS |
|---|---|
| __ Department approved electives which may include unused classes from Section II.C. | |
| __ _____ __ _____ | |
| **III. Related Work** | **14-15** |
| **A. Required Related Work** | 6 |
| __ CPSMA 3913 Discrete Mathematics | |
| __ MATH 1713 Trigonometry | |
| **B. Required Related Electives** | 8-9 |
| One of the following: | |
| __ MATH 2825 Calculus & Analytic Geometry I | |
| **OR** | |
| __ MATH 2613 Calculus for Bus, Life & Soc Sci | |
| If MATH 2613 taken, then choose **EITHER** | |
| __ MATH 2213 Intro to Prob & Statistics | |
| **OR** | |
| __ BSEC 2603 Business & Economic Statistics I | |
| One of the following: | |
| __ BUCOM 3133 Bus Communic & Report Writing | |
| __ COMM 1113 Fundamentals of Speech | |
| __ COMM 2253 Communication in the Workplace | |
| __ ENG 3183 Technical Writing | |
| **IV. Minor (Required)** | **16-21** |
| **V. Electives** | **7-16** |
| **VI. Total Hours Required** | **124** |

**VII. Special Requirements**

The OSRHE computer proficiency graduation requirement will be met through completion of the degree program.

Students beginning at East Central University in the fall 2007 semester or later who have earned less than sixty-four semester hours are required to take two classes with designated service-learning component. Student transferring to ECU for the first time in the fall 2007semster or later with sixty-four or more semester hours will be required to take one class with a service-learning component.

**MINOR** _____

| | | |
|---|---|---|
| ___ _____ | ___ _____ | ___ _____ |
| ___ _____ | ___ _____ | ___ _____ |
| ___ _____ | ___ _____ | ___ _____ |
| ___ _____ | ___ _____ | ___ _____ |
| ___ _____ | ___ _____ | ___ _____ |