

EAST CENTRAL UNIVERSITY

COMPUTER SCIENCE - B.S.  
0510/UG14-UG15

Advisor \_\_\_\_\_

Student's Name \_\_\_\_\_ ID No. \_\_\_\_\_

**DEGREE CHECK INCLUDES CURRENT ENROLLMENT**

Checked by _____ Date _____	Work in progress _____	
Required:	2.0 minimum required in the following	Work lacking:
124 total hours _____ completed	areas:	Major _____ (inc A/C and Related Work)
30 hrs @ ECU _____ completed	ECU Avg _____ Rtn Avg _____	Minor _____ (incl Rel Wk)
(15 of last 30 must be at ECU) _____	Major Overall Avg _____	Prof Educ _____
60 hrs @ Sr College _____ completed	Major ECU Avg _____	General Educ _____
40 hrs upper level _____ completed	Minor Overall Avg _____	Comp Prof _____ met _____ not met
HS Curricular Req _____ met _____ not met	Minor ECU Avg _____	Serv Lrng _____ met _____ not met

<u>REQUIREMENTS</u>	<u>HOURS</u>	<u>REQUIREMENTS</u>	<u>HOURS</u>
<b>I. General Education (45 HOURS)</b> <i>6 hours (CMPSC 1113 and MATH 1513) counted in the Major</i>		<b>III. Related Work</b>	<b>11-18</b>
Other hours needed <b>36-39</b>		<b>A. Required Related Work</b>	3-9
COMM 1113 may be used as related work.		___ CPSMA 3913 Discrete Mathematics	
		___ MATH 1513 College Algebra	
		___ MATH 1713 Trigonometry	
<b>II. Major in Computer Science</b>	<b>39</b>	<b>B. Required Related Electives</b>	8-9
<b>A. Required General Education</b>	3	One of the following:	
___ CMPSC 1113 Computer Programming I		___ MATH 2825 Calculus & Analytic Geometry I <b>OR</b>	
<b>B. Required in Computer Science Major</b>	21	___ MATH 2613 Calculus for Bus, Life & Soc Sci	
___ CMPSC 1133 Computer Programming II		If MATH 2613 taken, then choose <b>EITHER</b>	
___ CMPSC 3113 Operating Systems		___ MATH 2213 Intro to Prob & Statistics <b>OR</b>	
___ CMPSC 3613 Computer Architecture		___ BSEC 2603 Business & Economic Statistics	
___ CMPSC 3943 Software Design & Development		One of the following:	
___ CMPSC 4213 Data Base Design		___ BUCOM 3133 Bus Communic & Report Writing	
___ CMPSC 4473 Theory of Programming Languages		___ COMM 1113 Fundamentals of Human Comm	
___ CPSMA 2923 Data Struc & Algorithm Analys		___ COMM 2253 Communication in the Workplace	
<b>C. Required Electives</b>	15	___ ENG 3183 Technical Writing	
One of the following:		<b>IV. Minor (Required)</b>	<b>16-21</b>
___ CMPSC 2213 Computer Languages (Language named in title listing)		<b>V. Electives</b>	<b>7-22</b>
___ CMPSC 2323 Internet Programming		<b>VI. Total Hours Required</b>	<b>124</b>
___ CMPSC 3313 Advanced Computer Language (Subject named in title listing)		<b>VII. Special Requirements</b>	
Two of the following:		With departmental approval, students may omit MATH 1513 and MATH 1713 and begin with MATH 2825.	
___ CMPSC 3213 Org of Programming Languages		The OSRHE computer proficiency graduation requirement will be met through completion of the degree program.	
___ CMPSC 3233 Linux Tools		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. Students transferring to ECU for the first time in the fall 2007 semester or later with sixty-four or more semester hours will be required to take one class with a service-learning component.	
___ CMPSC 3543 Object Oriented Programming			
___ CMPSC 4223 Unix System Administration			
___ CMPSC 4983 Seminar: (thesis or project)			
Six hours from the following:			
___ CPSMA 3933 Operations Research			
___ CPSMA 4413 Numerical Analysis			
___ Department approved electives which may include unused classes from Section II.C.			

MINOR \_\_\_\_\_
