

**BS in COMPUTEER SCIENCE (CIS) 2016-18  
ACADEMIC WORKSHEET**

**Name:** \_\_\_\_\_ **CSUB ID#** \_\_\_\_\_

**GENERAL EDUCATION GOALS**

<b>(ALL)</b>	<b>(ALL)</b>	<b>(ALL)</b>	<b>(ALL)</b>	<b>(ALL)</b>
CSUB1009: _____	B1: _____	D: _____	US HIST: _____	GWAR: _____
CSUB1019: _____	B2: Met through program		GOVT: _____	UDB: Met through program
			JYDR: _____	UDC: Met through program
A1: _____	<b>(ALL)</b>	SELF: _____		UDD: Met through program
A2: _____	C1: _____		CAPSTONE: Met through program	
A3: _____	C2: _____			3-6 Additional Units ( <i>Any University Units</i> )
A4: Met through program				_____

**LOWER DIVISION CORE**

CMPS 2010: \_\_\_\_\_ Prog 1: Prog Fundamentals  
 CMPS 2020: \_\_\_\_\_ Prog 2: Data Structure  
 CMPS 2120: \_\_\_\_\_ Discrete Structures  
 CMPS 2680: \_\_\_\_\_ Web Programming I

**UPPER DIVISION ELECTIVES**

***(4 units)***

CMPS 4350: \_\_\_\_\_ Adv Software Engineering  
 CMPS 4420: \_\_\_\_\_ Adv Database Systems  
 CMPS 4450: \_\_\_\_\_ Data Mining & Visualization  
 CMPS 4490: \_\_\_\_\_ Game Design  
 CMPS 4500: \_\_\_\_\_ Compiler Design  
 CMPS 4510: \_\_\_\_\_ Vulnerability Analysis  
 CMPS 4560: \_\_\_\_\_ Adv Artificial Intelligence  
 CMPS 4620: \_\_\_\_\_ Network & Computer Security

**OTHER ELECTIVES (12 UNITS)**

Choose from the following courses  
 or complete a discipline-based minor

ENGR 2350: \_\_\_\_\_ Engr Graphics 1  
 ENGR 2360: \_\_\_\_\_ Engr Graphics 2  
 CMPS 2240: \_\_\_\_\_ Comp Arch  
 CMPS 2650: \_\_\_\_\_ Linux Envrmt  
 CMPS 2770: \_\_\_\_\_ Special Topics  
 CMPS 2771: \_\_\_\_\_ Special Topics Lab  
 OR ANY OTHER 3000-LEVEL OR 4000-LEVEL  
 CMPS COURSE

**UPPER DIVISION CORE**

CMPS 3120: \_\_\_\_\_ Algorithm Analysis  
 CMPS 3350: \_\_\_\_\_ Software Engineering  
 CMPS 3390: \_\_\_\_\_ Client, Serv, Intrnt & Dev  
 CMPS 3420: \_\_\_\_\_ Database Systems  
 CMPS 3500: \_\_\_\_\_ Programming Languages  
 CMPS 3560: \_\_\_\_\_ Artificial Intelligence  
 CMPS 3600: \_\_\_\_\_ Operating Systems  
 CMPS 3620: \_\_\_\_\_ Computer Networks  
 CMPS 3640: \_\_\_\_\_ Distributed & Parallel Comp  
 CMPS 3680: \_\_\_\_\_ Web Programming II  
 CMPS 4910: \_\_\_\_\_ Senior Project 1  
 CMPS 4928: \_\_\_\_\_ Senior Project 2 w/Capstone

**COGNATES**

MATH 1209/2200: \_\_\_\_\_ Statistics/For science majors  
 MATH 1040: \_\_\_\_\_ Pre-calc 1 & 2  
 OR BOTH  
 MATH 1050 & \_\_\_\_\_ Pre-calc 1  
 MATH 1060: \_\_\_\_\_ Pre-calc 2  
 PHIL 3318: \_\_\_\_\_ Professional Ethics

CMPS \_\_\_\_\_  
 CMPS \_\_\_\_\_  
 CMPS \_\_\_\_\_  
*(only a combined total of 4 units  
 of CMPS 277x, 377x, 477x, and 48xx  
 may be used for elective credit)*