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| DEPARTMENT: COMPUTING & SOFTWARE SYS |                                                                                                |                     |                 |               |          |         |             |                   |                 |                       |           |                |               | O<br>M<br>I<br>T |
|--------------------------------------|------------------------------------------------------------------------------------------------|---------------------|-----------------|---------------|----------|---------|-------------|-------------------|-----------------|-----------------------|-----------|----------------|---------------|------------------|
| COURSE CURRIC NUM                    | TITLE                                                                                          | EFFECTIVE QUARTERS  | QUARTER CREDITS | OVER -ALL MAX | D U P    | GRD SYS | D E HYPH    | S H F U N E M R E | V L I P A S     | E E L N C M S T P R G | W R Q S N | RESPONS COURSE | JOINT COURSES |                  |
| CSS 106                              | COMPUTER ANIMATION<br>COMPUTER ANIMATION                                                       | SUM/2007 - AUT/9999 | 5.0             |               | .        | .       | .           | . . Y             | Y . Y . . Y .   |                       |           |                |               | .                |
|                                      |                                                                                                |                     |                 | LAST UPDT:    | 11/04/08 |         |             | APPROVED:         | 5/23/07         |                       |           |                |               |                  |
|                                      |                                                                                                |                     | FEE TYPE:1      | \$17.00       | BUDGET:  | 069613  | REV OBJ CD: | 943081            |                 |                       |           |                |               |                  |
| CSS 161                              | FUND OF COMPUTING<br>FUNDAMENTALS OF COMPUTING                                                 | AUT/2006 - SUM/2012 | 5.0             |               | .        | .       | .           | . . Y             | . . . Y . . Y . |                       |           |                |               | .                |
|                                      |                                                                                                |                     |                 | LAST UPDT:    | 11/14/11 |         |             | APPROVED:         | 4/28/06         |                       |           |                |               |                  |
|                                      |                                                                                                |                     | FEE TYPE:1      | \$17.00       | BUDGET:  | 069613  | REV OBJ CD: | 943081            |                 |                       |           |                |               |                  |
| CSS 161                              | FUND OF COMPUTING<br>FUNDAMENTALS OF COMPUTING<br>COMMENT:CHG DESC, PREQ                       | AUT/2012 - AUT/9999 | 5.0             |               | .        | .       | .           | . . Y             | . . . Y . . Y . |                       |           |                |               | .                |
|                                      |                                                                                                |                     |                 | LAST UPDT:    | 11/14/11 |         |             | APPROVED:         | 4/28/06         |                       |           |                |               |                  |
|                                      |                                                                                                |                     | FEE TYPE:1      | \$17.00       | BUDGET:  | 069613  | REV OBJ CD: | 943081            |                 |                       |           |                |               |                  |
| CSS 162                              | PROG METHODOLOGY<br>PROGRAMMING METHODOLOGY<br>COMMENT:EMAIL PREQ CHG                          | SPR/2010 - SUM/2012 | 5.0             |               | .        | .       | .           | . . Y             | . . . Y . . Y . |                       |           |                |               | .                |
|                                      |                                                                                                |                     |                 | LAST UPDT:    | 11/14/11 |         |             | APPROVED:         | 4/28/06         |                       |           |                |               |                  |
|                                      |                                                                                                |                     | FEE TYPE:1      | \$17.00       | BUDGET:  | 069613  | REV OBJ CD: | 943081            |                 |                       |           |                |               |                  |
| CSS 162                              | PROG METHODOLOGY<br>PROGRAMMING METHODOLOGY<br>COMMENT:CHG DESC, PREQ                          | AUT/2012 - AUT/9999 | 5.0             |               | .        | .       | .           | . . Y             | . . . Y . . Y . |                       |           |                |               | .                |
|                                      |                                                                                                |                     |                 | LAST UPDT:    | 11/14/11 |         |             | APPROVED:         | 4/28/06         |                       |           |                |               |                  |
|                                      |                                                                                                |                     | FEE TYPE:1      | \$17.00       | BUDGET:  | 069613  | REV OBJ CD: | 943081            |                 |                       |           |                |               |                  |
| CSS 198                              | SUPERVISED STUDY<br>SUPERVISED STUDY                                                           | AUT/2009 - AUT/9999 | 1.0-05.0        | 6.0           | .        | .       | .           | .                 | .               | .                     | .         | .              | .             | .                |
|                                      |                                                                                                |                     |                 | LAST UPDT:    | 5/20/09  |         |             | APPROVED:         | 5/19/09         |                       |           |                |               |                  |
| CSS 199                              | COMPUTING RESEARCH<br>COMPUTING RESEARCH                                                       | AUT/2009 - AUT/9999 | 1.0-05.0        | 6.0           | .        | .       | .           | .                 | .               | .                     | .         | .              | .             | .                |
|                                      |                                                                                                |                     |                 | LAST UPDT:    | 5/20/09  |         |             | APPROVED:         | 5/19/09         |                       |           |                |               |                  |
| CSS 211                              | COMPUTERS & SOCIETY<br>COMPUTER AND SOCIETY                                                    | AUT/2007 - AUT/9999 | 5.0             |               | .        | .       | .           | .                 | .               | Y . . . .             |           |                |               | .                |
|                                      |                                                                                                |                     |                 | LAST UPDT:    | 6/12/07  |         |             | APPROVED:         | 5/23/07         |                       |           |                |               |                  |
| CSS 225                              | PHYS/CHEM OF COMP<br>PHYSICS AND CHEMISTRY OF COMPUTER COMPONENTS AND T<br>COMMENT:WAS CSS 325 | AUT/2006 - AUT/9999 | 5.0             |               | .        | .       | .           | . . Y             | . . . . . Y .   |                       |           |                |               | .                |
|                                      |                                                                                                |                     |                 | LAST UPDT:    | 2/20/09  |         |             | APPROVED:         | 6/27/01         |                       |           |                |               |                  |
|                                      |                                                                                                |                     | FEE TYPE:1      | \$17.00       | BUDGET:  | 069613  | REV OBJ CD: | 943081            |                 |                       |           |                |               |                  |
| CSS 263                              | PROGRAMMING & MATH<br>PROGRAMMING AND DISCRETE MATHEMATICS<br>COMMENT:EMAIL PREQ CHANGE        | SPR/2010 - AUT/9999 | 5.0             |               | .        | .       | .           | . . Y             | . . . . .       |                       |           |                |               | .                |
|                                      |                                                                                                |                     |                 | LAST UPDT:    | 12/10/09 |         |             | APPROVED:         | 4/28/06         |                       |           |                |               |                  |
|                                      |                                                                                                |                     | FEE TYPE:1      | \$17.00       | BUDGET:  | 069613  | REV OBJ CD: | 943081            |                 |                       |           |                |               |                  |
| CSS 290                              | TOPICS IN COMPUTING<br>TOPICS IN COMPUTING                                                     | SPR/2008 - AUT/9999 | 1.0-05.0        | 10.0          | .        | .       | .           | .                 | .               | .                     | .         | .              | .             | .                |
|                                      |                                                                                                |                     |                 | LAST UPDT:    | 12/19/07 |         |             | APPROVED:         | 12/18/07        |                       |           |                |               |                  |
| CSS 301                              | TECHNICAL WRITING<br>TECHNICAL WRITING FOR COMPUTING PROFESSIONALS<br>COMMENT:ADD W PERM       | WIN/2008 - AUT/9999 | 5.0             |               | .        | .       | .           | .                 | .               | .                     | .         | .              | Y             | .                |
|                                      |                                                                                                |                     |                 | LAST UPDT:    | 6/21/07  |         |             | APPROVED:         | 9/17/96         |                       |           |                |               |                  |

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM  
DETAILED CURRICULUM REPORT  
Bothell CAMPUS

COLLEGE : V - UW Bothell  
DEPARTMENT: COMPUTING & SOFTWARE SYS

| DEPARTMENT: COMPUTING & SOFTWARE SYS |     |                                                                       |                     |                 |                                                                                |        |       |   |       |       |       |         |        |         |   |   |
|--------------------------------------|-----|-----------------------------------------------------------------------|---------------------|-----------------|--------------------------------------------------------------------------------|--------|-------|---|-------|-------|-------|---------|--------|---------|---|---|
| COURSE                               |     | TITLE                                                                 | EFFECTIVE QUARTERS  | QUARTER CREDITS | OVER D                                                                         | D      | S H F | V | L     | E E   | W     | RESPONS |        | JOINT   | M |   |
| CURRIC                               | NUM |                                                                       |                     |                 | MAX                                                                            | -ALL U | GRD   | E | U N E | P & N | C M S | Q T     | COURSE | COURSES |   | I |
| -----                                |     |                                                                       |                     |                 |                                                                                |        |       |   |       |       |       |         |        |         |   |   |
| CSS                                  | 330 | MATH SOFTWARE DEV TOPICS IN MATHEMATICS                               | WIN/2002 - AUT/9999 | 1.0-05.0        | 10.0                                                                           | .      | .     | . | .     | .     | .     | .       | .      | .       | . | . |
|                                      |     |                                                                       |                     |                 | LAST UPDT: 7/05/01 APPROVED: 6/27/01                                           |        |       |   |       |       |       |         |        |         |   |   |
| CSS                                  | 332 | PROG W/00 LANGS PROGRAMMING ISSUES WITH OBJECT-ORIENTED LANGUAGES     | AUT/2004 - AUT/9999 | 2.0             | .                                                                              | CR/NC  | .     | . | .     | .     | .     | .       | .      | .       | . | . |
|                                      |     |                                                                       |                     |                 | LAST UPDT:10/22/04 APPROVED:12/22/03                                           |        |       |   |       |       |       |         |        |         |   |   |
|                                      |     |                                                                       |                     |                 | COMMENT:CONV TEMP COURSE                                                       |        |       |   |       |       |       |         |        |         |   |   |
| CSS                                  | 341 | PROGRAM THEORY/APP FUNDAMENTALS OF PROGRAMMING THEORY AND APPLICATION | AUT/2007 - AUT/9999 | 5.0             | .                                                                              | .      | .     | . | .     | .     | .     | .       | .      | .       | . | . |
|                                      |     |                                                                       |                     |                 | LAST UPDT:11/04/08 APPROVED: 2/03/99                                           |        |       |   |       |       |       |         |        |         |   |   |
|                                      |     |                                                                       |                     |                 | COMMENT:EMAIL PREQ CHANGE FEE TYPE:1 \$17.00 BUDGET:069613 REV OBJ CD:943081   |        |       |   |       |       |       |         |        |         |   |   |
| CSS                                  | 342 | MATH & COMPUTING MATHEMATICAL PRINCIPLES OF COMPUTING                 | WIN/2012 - AUT/9999 | 5.0             | .                                                                              | .      | .     | . | .     | .     | .     | .       | .      | .       | . | . |
|                                      |     |                                                                       |                     |                 | LAST UPDT: 6/10/11 APPROVED: 9/17/96                                           |        |       |   |       |       |       |         |        |         |   |   |
|                                      |     |                                                                       |                     |                 | COMMENT:EMAIL PREQ CHG FEE TYPE:1 \$17.00 BUDGET:069613 REV OBJ CD:943081      |        |       |   |       |       |       |         |        |         |   |   |
| CSS                                  | 343 | DATA STRUCTURES/ALG DATA STRUCTURES AND ALGORITHMS                    | SPR/2010 - AUT/9999 | 5.0             | .                                                                              | .      | .     | . | .     | .     | .     | .       | .      | .       | . | . |
|                                      |     |                                                                       |                     |                 | LAST UPDT:12/16/09 APPROVED:11/18/96                                           |        |       |   |       |       |       |         |        |         |   |   |
|                                      |     |                                                                       |                     |                 | COMMENT:EMAIL PREREQ CHANGE FEE TYPE:1 \$17.00 BUDGET:069613 REV OBJ CD:943081 |        |       |   |       |       |       |         |        |         |   |   |
| CSS                                  | 350 | MGT PRINCIPLES MANAGEMENT PRINCIPLES FOR COMPUTING PROFESSIONALS      | SPR/2002 - AUT/9999 | 5.0             | .                                                                              | .      | .     | . | .     | .     | .     | .       | .      | .       | . | . |
|                                      |     |                                                                       |                     |                 | LAST UPDT:10/25/04 APPROVED: 6/12/97                                           |        |       |   |       |       |       |         |        |         |   |   |
|                                      |     |                                                                       |                     |                 | COMMENT:EMAIL PREREQ CHANGE                                                    |        |       |   |       |       |       |         |        |         |   |   |
| CSS                                  | 360 | SOFTWARE ENGR SOFTWARE ENGINEERING                                    | SPR/2007 - AUT/9999 | 5.0             | .                                                                              | .      | .     | . | .     | .     | .     | .       | .      | .       | . | . |
|                                      |     |                                                                       |                     |                 | LAST UPDT:12/14/06 APPROVED:12/31/96                                           |        |       |   |       |       |       |         |        |         |   |   |
|                                      |     |                                                                       |                     |                 | COMMENT:EMAIL PREREQ CHANGE                                                    |        |       |   |       |       |       |         |        |         |   |   |
| CSS                                  | 370 | ANALYSIS AND DESIGN ANALYSIS AND DESIGN                               | SPR/2007 - AUT/9999 | 5.0             | .                                                                              | .      | .     | . | .     | .     | .     | .       | .      | .       | . | . |
|                                      |     |                                                                       |                     |                 | LAST UPDT:11/04/08 APPROVED:10/23/97                                           |        |       |   |       |       |       |         |        |         |   |   |
|                                      |     |                                                                       |                     |                 | COMMENT:EMAIL PREREQ CHG FEE TYPE:1 \$17.00 BUDGET:069613 REV OBJ CD:943081    |        |       |   |       |       |       |         |        |         |   |   |
| CSS                                  | 371 | BUSINESS OF TECH THE BUSINESS OF TECHNOLOGY                           | AUT/2010 - AUT/9999 | 5.0             | .                                                                              | .      | .     | . | .     | .     | .     | .       | .      | .       | . | . |
|                                      |     |                                                                       |                     |                 | LAST UPDT: 8/25/10 APPROVED:11/18/96                                           |        |       |   |       |       |       |         |        |         |   |   |
|                                      |     |                                                                       |                     |                 | COMMENT:CHG TITLES, ADD JT STATUS                                              |        |       |   |       |       |       |         |        |         |   |   |
| CSS                                  | 385 | INTRO TO GAME DEV INTRODUCTION TO GAME DEVELOPMENT                    | SPR/2011 - AUT/9999 | 5.0             | .                                                                              | .      | .     | . | .     | .     | .     | .       | .      | .       | . | . |
|                                      |     |                                                                       |                     |                 | LAST UPDT: 9/22/11 APPROVED: 5/17/11                                           |        |       |   |       |       |       |         |        |         |   |   |
| CSS                                  | 390 | SPECIAL TOPICS SPECIAL TOPICS                                         | WIN/2002 - AUT/9999 | 1.0-05.0        | 10.0                                                                           | .      | .     | . | .     | .     | .     | .       | .      | .       | . | . |
|                                      |     |                                                                       |                     |                 | LAST UPDT: 7/05/01 APPROVED: 6/27/01                                           |        |       |   |       |       |       |         |        |         |   |   |
| CSS                                  | 411 | CMPT & PUB POLICY COMPUTING TECHNOLOGY AND PUBLIC POLICY              | AUT/2007 - AUT/9999 | 5.0             | .                                                                              | .      | .     | . | .     | .     | .     | .       | .      | .       | . | . |
|                                      |     |                                                                       |                     |                 | LAST UPDT: 6/12/07 APPROVED: 5/23/07                                           |        |       |   |       |       |       |         |        |         |   |   |

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| DEPARTMENT: COMPUTING & SOFTWARE SYS |                                                            |                     |                 |                                                                                               |             |                   |             | V L I P A             | E E L N C M S W Q T R | O M I T       |
|--------------------------------------|------------------------------------------------------------|---------------------|-----------------|-----------------------------------------------------------------------------------------------|-------------|-------------------|-------------|-----------------------|-----------------------|---------------|
| COURSE CURRIC NUM                    | TITLE                                                      | EFFECTIVE QUARTERS  | QUARTER CREDITS | OVER D -ALL U MAX                                                                             | D GRD P SYS | S H F U N E M R E | F V L I P A | E E L N C M S W Q T R | RESPONS COURSE        | JOINT COURSES |
| CSS 420                              | INTRO TO GAME DEV<br>INTRODUCTION TO GAME DEVELOPMENT      | SPR/2011 - AUT/9999 | 5.0             |                                                                                               |             |                   |             | . . . Y .             |                       |               |
|                                      |                                                            |                     |                 | LAST UPDT: 5/17/11 APPROVED: 5/17/11                                                          |             |                   |             |                       |                       |               |
| CSS 421                              | CMPT HW & O/S<br>HARDWARE AND OPERATING SYSTEMS            | AUT/2007 - AUT/9999 | 5.0             |                                                                                               |             |                   |             | . . . Y .             |                       |               |
|                                      |                                                            |                     |                 | LAST UPDT: 11/04/08 APPROVED: 5/23/07                                                         |             |                   |             |                       |                       |               |
|                                      |                                                            |                     |                 | FEE TYPE: 1 \$17.00 BUDGET: 069613 REV OBJ CD: 943081                                         |             |                   |             |                       |                       |               |
| CSS 422                              | HARDWARE & COMP ORG<br>HARDWARE AND COMPUTER ORGANIZATION  | AUT/2010 - AUT/9999 | 5.0             |                                                                                               |             |                   |             | . . . Y .             | CSS 422               | B EE 422      |
|                                      |                                                            |                     |                 | LAST UPDT: 8/25/10 APPROVED: 12/31/96                                                         |             |                   |             |                       |                       |               |
|                                      |                                                            |                     |                 | FEE TYPE: 1 \$17.00 BUDGET: 069613 REV OBJ CD: 943081                                         |             |                   |             |                       |                       |               |
| CSS 427                              | EMBEDDED SYSTEMS<br>INTRODUCTION TO EMBEDDED SYSTEMS       | AUT/2010 - AUT/9999 | 5.0             |                                                                                               |             |                   |             | . . . Y .             | CSS 427               | B EE 427      |
|                                      |                                                            |                     |                 | LAST UPDT: 8/25/10 APPROVED: 6/27/01                                                          |             |                   |             |                       |                       |               |
|                                      |                                                            |                     |                 | FEE TYPE: 1 \$17.00 BUDGET: 069613 REV OBJ CD: 943081                                         |             |                   |             |                       |                       |               |
| CSS 428                              | ADV EMBEDDED SYST<br>ADVANCED EMBEDDED SYSTEMS             | SPR/2008 - AUT/9999 | 5.0             |                                                                                               |             |                   |             | . . . Y .             |                       |               |
|                                      |                                                            |                     |                 | LAST UPDT: 11/04/08 APPROVED: 12/20/04                                                        |             |                   |             |                       |                       |               |
|                                      |                                                            |                     |                 | COMMENT: CHG TITLES, CREDITS, DESC, PRQ FEE TYPE: 1 \$17.00 BUDGET: 069613 REV OBJ CD: 943081 |             |                   |             |                       |                       |               |
| CSS 430                              | OPERATING SYSTEMS<br>OPERATING SYSTEMS                     | SPR/2010 - AUT/9999 | 5.0             |                                                                                               |             |                   |             | . . . Y .             |                       |               |
|                                      |                                                            |                     |                 | LAST UPDT: 12/10/09 APPROVED: 6/27/01                                                         |             |                   |             |                       |                       |               |
|                                      |                                                            |                     |                 | FEE TYPE: 1 \$17.00 BUDGET: 069613 REV OBJ CD: 943081                                         |             |                   |             |                       |                       |               |
| CSS 432                              | NETWORK DESIGN<br>NETWORK DESIGN                           | WIN/2008 - AUT/9999 | 5.0             |                                                                                               |             |                   |             | . . . Y .             |                       |               |
|                                      |                                                            |                     |                 | LAST UPDT: 11/04/08 APPROVED: 6/12/97                                                         |             |                   |             |                       |                       |               |
|                                      |                                                            |                     |                 | FEE TYPE: 1 \$17.00 BUDGET: 069613 REV OBJ CD: 943081                                         |             |                   |             |                       |                       |               |
| CSS 434                              | PARA DISTR COMPUTING<br>PARALLEL AND DISTRIBUTED COMPUTING | SPR/2004 - AUT/9999 | 5.0             |                                                                                               |             |                   |             | . . . Y .             |                       |               |
|                                      |                                                            |                     |                 | LAST UPDT: 11/04/08 APPROVED: 11/25/03                                                        |             |                   |             |                       |                       |               |
|                                      |                                                            |                     |                 | FEE TYPE: 1 \$17.00 BUDGET: 069613 REV OBJ CD: 943081                                         |             |                   |             |                       |                       |               |
| CSS 442                              | OOP AND DESIGN<br>OBJECT-ORIENTED PROGRAMMING AND DESIGN   | WIN/2003 - AUT/9999 | 5.0             |                                                                                               |             |                   |             | . . . Y .             |                       |               |
|                                      |                                                            |                     |                 | LAST UPDT: 11/04/08 APPROVED: 6/12/97                                                         |             |                   |             |                       |                       |               |
|                                      |                                                            |                     |                 | FEE TYPE: 1 \$17.00 BUDGET: 069613 REV OBJ CD: 943081                                         |             |                   |             |                       |                       |               |
| CSS 443                              | ADV PROGRAMMING<br>ADVANCED PROGRAMMING METHODOLOGIES      | WIN/2002 - AUT/9999 | 5.0             |                                                                                               |             |                   |             | . . . Y .             |                       |               |
|                                      |                                                            |                     |                 | LAST UPDT: 11/04/08 APPROVED: 6/12/97                                                         |             |                   |             |                       |                       |               |
|                                      |                                                            |                     |                 | FEE TYPE: 1 \$17.00 BUDGET: 069613 REV OBJ CD: 943081                                         |             |                   |             |                       |                       |               |
| CSS 448                              | INTRO TO COMPILERS<br>INTRODUCTION TO COMPILERS            | WIN/2012 - AUT/9999 | 5.0             |                                                                                               |             |                   |             | . . . Y .             |                       |               |
|                                      |                                                            |                     |                 | LAST UPDT: 8/16/11 APPROVED: 6/27/01                                                          |             |                   |             |                       |                       |               |
|                                      |                                                            |                     |                 | COMMENT: CHG TITLES                                                                           |             |                   |             |                       |                       |               |

DATE: 04-09-2012  
TIME: 20:10:09

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM  
DETAILED CURRICULUM REPORT  
Bothell CAMPUS

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COLLEGE : V - UW Bothell  
DEPARTMENT: COMPUTING & SOFTWARE SYS

| CURRIC | COURSE<br>NUM | TITLE                                                                                          | EFFECTIVE           | QUARTERS | QUARTER<br>CREDITS | OVER D D S H F L I E C Q T |               |               |      |   |   |                   |       |       |         | RESPONS<br>COURSE | JOINT<br>COURSES    | O<br>M<br>I<br>T |
|--------|---------------|------------------------------------------------------------------------------------------------|---------------------|----------|--------------------|----------------------------|---------------|---------------|------|---|---|-------------------|-------|-------|---------|-------------------|---------------------|------------------|
|        |               |                                                                                                |                     |          |                    | -ALL U                     | GRD           | E             | HYPH | M | R | E                 | P & N | A S W | T P R G |                   |                     |                  |
| CSS    | 450           | COMP GRAPHICS<br>COMPUTER GRAPHICS<br>COMMENT:EMAIL PREQ CHG                                   | AUT/2010 - SUM/2012 |          | 5.0                |                            |               |               |      |   |   | Y                 |       |       |         |                   |                     |                  |
|        |               |                                                                                                |                     |          |                    | LAST                       | UPDT:11/14/11 |               |      |   |   | APPROVED: 1/29/98 |       |       |         |                   |                     |                  |
|        |               |                                                                                                |                     |          |                    | FEE TYPE:1                 | \$17.00       | BUDGET:069613 |      |   |   | REV OBJ CD:943081 |       |       |         |                   |                     |                  |
| CSS    | 450           | COMP GRAPHICS<br>COMPUTER GRAPHICS<br>COMMENT:CHG DESC, PREQ                                   | AUT/2012 - AUT/9999 |          | 5.0                |                            |               |               |      |   |   | Y                 |       |       |         |                   |                     |                  |
|        |               |                                                                                                |                     |          |                    | LAST                       | UPDT:11/14/11 |               |      |   |   | APPROVED: 1/29/98 |       |       |         |                   |                     |                  |
|        |               |                                                                                                |                     |          |                    | FEE TYPE:1                 | \$17.00       | BUDGET:069613 |      |   |   | REV OBJ CD:943081 |       |       |         |                   |                     |                  |
| CSS    | 451           | 3-D COMPUTER GRAPHIC<br>3-D COMPUTER GRAPHICS<br>COMMENT:EMAIL PREQ CHG                        | WIN/2012 - AUT/9999 |          | 5.0                |                            |               |               |      |   |   | Y                 |       |       |         |                   |                     |                  |
|        |               |                                                                                                |                     |          |                    | LAST                       | UPDT:10/18/11 |               |      |   |   | APPROVED: 6/27/01 |       |       |         |                   |                     |                  |
|        |               |                                                                                                |                     |          |                    | FEE TYPE:1                 | \$17.00       | BUDGET:069613 |      |   |   | REV OBJ CD:943081 |       |       |         |                   |                     |                  |
| CSS    | 455           | INTRO SCI COMPUTING<br>INTRODUCTION TO COMPUTATIONAL SCIENCE AND<br>COMMENT:EMAIL PREQ CHG     | SPR/2011 - AUT/9999 |          | 5.0                |                            |               |               |      |   |   | Y                 |       |       |         |                   |                     |                  |
|        |               |                                                                                                |                     |          |                    | LAST                       | UPDT:11/15/10 |               |      |   |   | APPROVED: 6/27/01 |       |       |         |                   |                     |                  |
|        |               |                                                                                                |                     |          |                    | FEE TYPE:1                 | \$17.00       | BUDGET:069613 |      |   |   | REV OBJ CD:943081 |       |       |         |                   |                     |                  |
| CSS    | 457           | MULTIMEDIA/SIGNALS<br>MULTIMEDIA AND SIGNAL COMPUTING<br>COMMENT:EMAIL PREREQUISITE CHANGE     | SPR/2007 - AUT/9999 |          | 5.0                |                            |               |               |      |   |   | Y                 |       |       |         |                   |                     |                  |
|        |               |                                                                                                |                     |          |                    | LAST                       | UPDT:11/04/08 |               |      |   |   | APPROVED: 6/12/97 |       |       |         |                   |                     |                  |
|        |               |                                                                                                |                     |          |                    | FEE TYPE:1                 | \$17.00       | BUDGET:069613 |      |   |   | REV OBJ CD:943081 |       |       |         |                   |                     |                  |
| CSS    | 458           | COMPUTER SIMULATION<br>FUDNAMENTALS OF COMPUTER SIMULATION THEORY<br>COMMENT:EMAIL PREQ CHG    | SPR/2007 - AUT/9999 |          | 5.0                |                            |               |               |      |   |   |                   |       |       |         |                   |                     |                  |
|        |               |                                                                                                |                     |          |                    | LAST                       | UPDT:12/14/06 |               |      |   |   | APPROVED: 6/27/01 |       |       |         |                   |                     |                  |
| CSS    | 461           | SOFTWARE PROJ MGMT<br>SOFTWARE PROJECT MANAGEMENT<br>COMMENT:CHG TITLES                        | SPR/2002 - AUT/9999 |          | 5.0                |                            |               |               |      |   |   |                   |       |       |         |                   |                     |                  |
|        |               |                                                                                                |                     |          |                    | LAST                       | UPDT:10/25/04 |               |      |   |   | APPROVED: 6/27/01 |       |       |         |                   |                     |                  |
| CSS    | 473           | ENTREPRENEURSHP SEM<br>ENTREPRENEURSHIP SEMINAR                                                | AUT/2011 - AUT/9999 |          | 5.0                |                            |               |               |      |   |   |                   |       |       |         |                   | B BUS 443 B BUS 443 |                  |
|        |               |                                                                                                |                     |          |                    | LAST                       | UPDT:10/18/11 |               |      |   |   | APPROVED:10/18/11 |       |       |         |                   |                     |                  |
| CSS    | 474           | PRODUCT DEVEL LAB<br>PRODUCT DEVELOPMENT LABORATORY                                            | WIN/2012 - AUT/9999 |          | 5.0                |                            |               |               |      |   |   |                   |       |       |         |                   | B BUS 444 B BUS 444 |                  |
|        |               |                                                                                                |                     |          |                    | LAST                       | UPDT: 8/17/11 |               |      |   |   | APPROVED: 8/16/11 |       |       |         |                   |                     |                  |
| CSS    | 475           | DATABASE SYSTEMS<br>DATABASE SYSTEMS<br>COMMENT:EMAIL PREQ CHG                                 | SPR/2007 - AUT/9999 |          | 5.0                |                            |               |               |      |   |   | Y                 |       |       |         |                   |                     |                  |
|        |               |                                                                                                |                     |          |                    | LAST                       | UPDT:11/04/08 |               |      |   |   | APPROVED: 6/12/97 |       |       |         |                   |                     |                  |
|        |               |                                                                                                |                     |          |                    | FEE TYPE:1                 | \$17.00       | BUDGET:069613 |      |   |   | REV OBJ CD:943081 |       |       |         |                   |                     |                  |
| CSS    | 478           | USABILITY ENGR<br>USABILITY ENGINEERING AND USER-CENTERED DESIGN                               | WIN/2002 - AUT/9999 |          | 5.0                |                            |               |               |      |   |   |                   |       |       |         |                   |                     |                  |
|        |               |                                                                                                |                     |          |                    | LAST                       | UPDT:10/25/04 |               |      |   |   | APPROVED: 6/27/01 |       |       |         |                   |                     |                  |
| CSS    | 480           | HUMAN-COMP INTERACT<br>PRINCIPLES OF HUMAN-COMPUTER INTERACTION<br>COMMENT:EMAIL PREREQ CHANGE | WIN/2003 - AUT/9999 |          | 5.0                |                            |               |               |      |   |   |                   |       |       |         |                   |                     |                  |
|        |               |                                                                                                |                     |          |                    | LAST                       | UPDT: 7/24/02 |               |      |   |   | APPROVED:12/31/96 |       |       |         |                   |                     |                  |

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| CURRIC | COURSE<br>NUM | TITLE                                                                                                         | EFFECTIVE           | QUARTERS | CREDITS | OVER D             |         | D             | S H F             |               | V L E E W     |  | RESPONS | JOINT | O<br>M<br>I<br>T |
|--------|---------------|---------------------------------------------------------------------------------------------------------------|---------------------|----------|---------|--------------------|---------|---------------|-------------------|---------------|---------------|--|---------|-------|------------------|
|        |               |                                                                                                               |                     |          |         | -ALL U             | GRD     |               | U N E             | P & N C M S N | A S W T P R G |  |         |       |                  |
| CSS    | 482           | EXPERT SYSTEMS<br>EXPERT SYSTEMS<br>COMMENT:WAS CSSIE482;CHG TTLS,DESC,PRQ                                    | WIN/2002 - AUT/9999 | 5.0      |         |                    |         |               |                   |               |               |  |         |       |                  |
|        |               |                                                                                                               |                     |          |         | LAST UPDT:11/04/08 |         |               | APPROVED: 6/12/97 |               |               |  |         |       |                  |
|        |               |                                                                                                               |                     |          |         | FEE TYPE:1         | \$17.00 | BUDGET:069613 | REV OBJ CD:943081 |               |               |  |         |       |                  |
| CSS    | 485           | NEURAL NETWORKS<br>INTRODUCTION TO ARTIFICIAL NEURAL NETWORKS<br>COMMENT:EMAIL PREREQ CHANGE                  | WIN/2003 - AUT/9999 | 5.0      |         |                    |         |               |                   |               |               |  |         |       |                  |
|        |               |                                                                                                               |                     |          |         | LAST UPDT:11/04/08 |         |               | APPROVED: 6/27/01 |               |               |  |         |       |                  |
|        |               |                                                                                                               |                     |          |         | FEE TYPE:1         | \$17.00 | BUDGET:069613 | REV OBJ CD:943081 |               |               |  |         |       |                  |
| CSS    | 487           | COMPUTER VISION<br>COMPUTER VISION                                                                            | SPR/2005 - AUT/9999 | 5.0      |         |                    |         |               |                   |               |               |  |         |       |                  |
|        |               |                                                                                                               |                     |          |         | LAST UPDT: 2/10/10 |         |               | APPROVED: 1/31/05 |               |               |  |         |       |                  |
|        |               |                                                                                                               |                     |          |         | FEE TYPE:1         | \$17.00 | BUDGET:069613 | REV OBJ CD:943081 |               |               |  |         |       |                  |
| CSS    | 490           | SPECIAL TOPICS<br>SPECIAL TOPICS IN COMPUTING AND SOFTWARE SYSTEMS                                            | SPR/2001 - AUT/9999 | 1.0-05.0 | 20.0    |                    |         |               |                   |               |               |  |         |       |                  |
|        |               |                                                                                                               |                     |          |         | LAST UPDT: 3/15/01 |         |               | APPROVED: 1/03/01 |               |               |  |         |       |                  |
| CSS    | 496           | APPL CMPT SEMINAR<br>APPLIED COMPUTING SEMINAR                                                                | AUT/2007 - AUT/9999 | 5.0      |         |                    |         |               |                   |               |               |  |         |       |                  |
|        |               |                                                                                                               |                     |          |         | LAST UPDT: 5/24/07 |         |               | APPROVED: 5/23/07 |               |               |  |         |       |                  |
| CSS    | 497           | COOPERATIVE EDUC<br>COOPERATIVE EDUCATION<br>COMMENT:CHANGE TO HYPHENATION                                    | SUM/2003 - AUT/9999 | 1.0-10.0 | 10.0    |                    |         | 11            |                   |               |               |  |         |       |                  |
|        |               |                                                                                                               |                     |          |         | LAST UPDT:10/25/04 |         |               | APPROVED:11/25/97 |               |               |  |         |       |                  |
| CSS    | 498           | INDEPENDENT STUDY<br>INDEPENDENT STUDY<br>COMMENT:CHANGE TITLES, DESCRIPTION                                  | WIN/2002 - AUT/9999 | 1.0-05.0 | 10.0    |                    |         |               |                   |               |               |  |         |       |                  |
|        |               |                                                                                                               |                     |          |         | LAST UPDT: 7/06/01 |         |               | APPROVED: 6/12/97 |               |               |  |         |       |                  |
| CSS    | 499           | UNDERGRAD RESEARCH<br>UNDERGRADUATE RESEARCH                                                                  | AUT/1997 - AUT/9999 | 1.0-05.0 | 10.0    |                    |         |               |                   |               |               |  |         |       |                  |
|        |               |                                                                                                               |                     |          |         | LAST UPDT: 6/20/97 |         |               | APPROVED: 6/12/97 |               |               |  |         |       |                  |
| CSS    | 501           | DATA STRUCT & OOP I<br>DATA STRUCTURES AND OBJECT-ORIENTED PROGRAMMING I<br>COMMENT:CHG TTLS,CRDT, DESC, HRS  | AUT/2011 - AUT/9999 | 4.0      |         |                    |         |               |                   |               |               |  |         |       |                  |
|        |               |                                                                                                               |                     |          |         | LAST UPDT: 3/22/11 |         |               | APPROVED:12/15/09 |               |               |  |         |       |                  |
| CSS    | 502           | DATA STRUC & OOP II<br>DATA STRURCTURES & OBJECT-ORIENTED PROGRAMMING II<br>COMMENT:CHG TTLS,CRDTS, DESC, HRS | WIN/2012 - AUT/9999 | 4.0      |         |                    |         |               |                   |               |               |  |         |       |                  |
|        |               |                                                                                                               |                     |          |         | LAST UPDT: 3/22/11 |         |               | APPROVED: 1/19/10 |               |               |  |         |       |                  |
| CSS    | 503           | SYSTEMS PROGRAMMING<br>SYSTEMS PROGRAMMING                                                                    | WIN/2012 - AUT/9999 | 4.0      |         |                    |         |               |                   |               |               |  |         |       |                  |
|        |               |                                                                                                               |                     |          |         | LAST UPDT: 4/22/11 |         |               | APPROVED: 4/19/11 |               |               |  |         |       |                  |
| CSS    | 506           | SOFT DEVL PROCESSES<br>SOFTWARE DEVELOPMENT PROCESSES                                                         | AUT/2011 - AUT/9999 | 2.0      |         |                    |         |               |                   |               |               |  |         |       |                  |
|        |               |                                                                                                               |                     |          |         | LAST UPDT: 3/15/11 |         |               | APPROVED: 3/15/11 |               |               |  |         |       |                  |

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| COURSE<br>CURRIC | NUM | TITLE                                                         | EFFECTIVE  | QUARTERS | QUARTER<br>CREDITS | OVER D<br>-ALL U<br>MAX P  | D<br>GRD<br>SYS | D<br>E<br>HYPH | S H F<br>U N E<br>M R E | V<br>L I<br>P & N<br>A S W | E E<br>L E C<br>M S N | W<br>R<br>Q T<br>P R G | RESPONS<br>COURSE | JOINT<br>COURSES | O<br>M<br>I<br>T |
|------------------|-----|---------------------------------------------------------------|------------|----------|--------------------|----------------------------|-----------------|----------------|-------------------------|----------------------------|-----------------------|------------------------|-------------------|------------------|------------------|
| CSS              | 507 | SOFTWARE MODELING<br>SOFTWARE MODELING TECHNIQUES             | WIN/2012 - | AUT/9999 | 2.0                | LAST UPDT: 3/15/11         |                 |                | APPROVED: 3/15/11       |                            |                       |                        |                   |                  | .                |
| CSS              | 508 | SFTWRE TEST & QUAL<br>SOFTWARE TESTING AND QUALITY            | SPR/2012 - | AUT/9999 | 2.0                | LAST UPDT: 3/15/11         |                 |                | APPROVED: 3/15/11       |                            |                       |                        |                   |                  | .                |
| CSS              | 534 | PAR PROG GRID CLOUD<br>PARALLEL PROGRAMMING IN GRID AND CLOUD | SPR/2011 - | AUT/9999 | 5.0                | LAST UPDT:12/21/10         |                 |                | APPROVED:12/21/10       |                            |                       |                        |                   |                  | .                |
| CSS              | 543 | ADVNC E PROG METHODS<br>ADVANCED PROGRAMMING METHODOLOGIES    | AUT/2009 - | AUT/9999 | 5.0                | LAST UPDT: 7/29/09         |                 |                | APPROVED: 5/19/09       |                            |                       |                        |                   |                  | .                |
| CSS              | 552 | TOPICS IN RENDERING<br>TOPICS IN RENDERING                    | WIN/2011 - | AUT/9999 | 5.0                | LAST UPDT: 8/25/10         |                 |                | APPROVED: 8/24/10       |                            |                       |                        |                   |                  | .                |
| CSS              | 555 | EVAL SOFTWARE DESGN<br>EVALUATING SOFTWARE DESIGN             | WIN/2010 - | AUT/9999 | 5.0                | LAST UPDT:12/16/09         |                 |                | APPROVED:12/15/09       |                            |                       |                        |                   |                  | .                |
| CSS              | 565 | RSRCH METH SW DEV<br>RESEARCH METHODS IN SOFTWARE DEVELOPMENT | WIN/2010 - | AUT/9999 | 5.0                | LAST UPDT:12/16/09         |                 |                | APPROVED:12/15/09       |                            |                       |                        |                   |                  | .                |
| CSS              | 572 | EVID-BASED DESIGN<br>EVIDENCE BASED DESIGN                    | WIN/2012 - | AUT/9999 | 5.0                | LAST UPDT: 9/21/11         |                 |                | APPROVED: 9/20/11       |                            |                       |                        |                   |                  | .                |
| CSS              | 577 | SECURE SOFTWARE DEV<br>SECURE SOFTWARE DEVELOPMENT            | SUM/2010 - | AUT/9999 | 5.0                | LAST UPDT: 2/17/10         |                 |                | APPROVED: 1/19/10       |                            |                       |                        |                   |                  | .                |
| CSS              | 583 | KNOWLEDGE MGT SYS<br>KNOWLEDGE MANAGEMENT SYSTEMS             | AUT/2010 - | AUT/9999 | 5.0                | LAST UPDT: 3/17/10         |                 |                | APPROVED: 3/16/10       |                            |                       |                        |                   |                  | .                |
| CSS              | 587 | ADV COMPUTER VISION<br>ADVANCED TOPICS IN COMPUTER VISION     | AUT/2011 - | AUT/9999 | 5.0                | LAST UPDT: 3/15/11         |                 |                | APPROVED: 3/15/11       |                            |                       |                        |                   |                  | .                |
| CSS              | 590 | SPECIAL TOPIC CMPTG<br>SPECIAL TOPICS IN COMPUTING            | SUM/2011 - | AUT/9999 | 5.0                | 15.0<br>LAST UPDT: 3/15/11 |                 |                | APPROVED: 3/15/11       |                            |                       |                        |                   |                  | .                |
| CSS              | 595 | CAPSTONE PROJECT I<br>CAPSTONE PROJECT I                      | WIN/2011 - | AUT/9999 | 5.0                | LAST UPDT:12/21/10         |                 |                | APPROVED:12/21/10       |                            |                       |                        |                   |                  | .                |
| CSS              | 596 | CAPSTONE PROJECT II<br>CAPSTONE PROJECT II                    | SPR/2011 - | AUT/9999 | 5.0                | LAST UPDT:12/21/10         |                 |                | APPROVED:12/21/10       |                            |                       |                        |                   |                  | .                |

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| CURRIC | COURSE<br>NUM | TITLE                                               | EFFECTIVE | QUARTERS   | QUARTER<br>CREDITS | OVER               | D | GRD | D | S    | H | F | V | E | E | W                 | RESPONS | JOINT | O |   |   |   |   |   |   |   |
|--------|---------------|-----------------------------------------------------|-----------|------------|--------------------|--------------------|---|-----|---|------|---|---|---|---|---|-------------------|---------|-------|---|---|---|---|---|---|---|---|
|        |               |                                                     |           |            |                    | -ALL               | U |     | E | U    | N | E | L | I | E | C                 |         |       |   | Q | T | P | & | N | C | M |
|        |               |                                                     |           |            |                    | MAX                | P | SYS | D | HYPH | M | R | E | A | S | W                 | T       | P     | R | I |   |   |   |   |   |   |
|        |               |                                                     |           |            |                    |                    |   |     |   |      |   |   |   |   |   |                   |         |       |   | T |   |   |   |   |   |   |
| CSS    | 600           | INDEPDNT STDY/RSCH<br>INDEPENDENT STUDY OR RESEARCH | SUM/2010  | - AUT/9999 | 1.0-05.0           | 6.0                | . |     | . |      | . | . | . | . | . | .                 | .       | .     | . | . |   |   |   |   |   |   |
|        |               |                                                     |           |            |                    | LAST UPDT: 3/17/10 |   |     |   |      |   |   |   |   |   | APPROVED: 3/16/10 |         |       |   |   |   |   |   |   |   |   |
| CSS    | 700           | MASTERS THESIS<br>MASTER'S THESIS                   | WIN/2011  | - AUT/9999 | 0.0                | 999.9              | . |     | . |      | . | . | . | . | . | .                 | .       | .     | . | . |   |   |   |   |   |   |
|        |               |                                                     |           |            |                    | LAST UPDT:12/21/10 |   |     |   |      |   |   |   |   |   | APPROVED:12/21/10 |         |       |   |   |   |   |   |   |   |   |

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|----------------------|------------------------------------------------------|---------------------|----------|--------------------|--------------------------------------|---------------------|-------------------------|----------------------------|----------------------------|----------------------|-------------------|------------------|------------------|
| CSSSA 490            | SPECIAL TOPICS<br>SPECIAL TOPICS IN SYSTEMS ANALYSIS | SUM/1997 - AUT/9999 | 5.0      | 15.0               | .                                    | .                   | .                       | .                          | .                          | .                    | .                 | .                | .                |
|                      |                                                      |                     |          |                    | LAST UPDT: 2/14/97 APPROVED: 2/14/97 |                     |                         |                            |                            |                      |                   |                  |                  |

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|----------------------|------------------------------------------------------|-----------|------------|--------------------|---------------------------|---------------------|-------------------------|----------------------------|------------------------------|----------------------|-------------------|------------------|------------------|
| CSSSKL 161           | PROGRAMMING SKILLS<br>FUNDAMENTAL PROGRAMMING SKILLS | AUT/2012  | - AUT/9999 | 1.0                | .                         | CR/NC               | .                       | .                          | .                            | .                    | .                 | .                | .                |
|                      |                                                      |           |            |                    | LAST UPDT:                | 11/14/11            | APPROVED:               | 8/16/11                    |                              |                      |                   |                  | .                |
| CSSSKL 162           | PROG METHOD SKILLS<br>PROGRAMMING METHODOLOGY SKILLS | AUT/2012  | - AUT/9999 | 1.0                | .                         | CR/NC               | .                       | .                          | .                            | .                    | .                 | Y                | .                |
|                      |                                                      |           |            |                    | LAST UPDT:                | 11/14/11            | APPROVED:               | 8/16/11                    |                              |                      |                   |                  | .                |