

Name \_\_\_\_\_

Major: COMPUTER SYSTEMS (CSys)

**ASU ID**

| <i>I. English Proficiency (6 hrs)</i>              | Hrs | Cr   | Trans |    |
|--|-----|------|-------|----|
| <i>(University requirement - "C" min required)</i> | ASU | Trns | from  | Gr |
| ENG 101 First-Year Comp (3) and                    | 3   |      |       |    |
| ENG 102 First-Year Comp (3) or if eligible         | 3   |      |       |    |
| ENG 105 Adv First-Year Comp (3)                    |     |      |       |    |
| <i>(see Catalog for eligibility requirements)</i>  |     |      |       |    |
| Sub Total (I) _____                                |     |      |       |    |

**II. General Studies/College Requirements (51 Hours)**

*(see Catalog for approved courses)*

**A. Humanities & Social Sciences (15 hrs min)**

*[Req'd: 1 course UD; 6 hours from one area and 9 from the other; plus one course in each awareness area: cultural (C), global (G), & historical (H)]*

**Humanities/Fine Arts (6 hrs min) HU**

|  |   |  |  |  |
|--|---|--|--|--|
|  | 3 |  |  |  |
|  | 3 |  |  |  |

**Social/Behavioral Sciences (6 hrs min) (SB)**

|                         |   |  |  |  |
|-------------------------|---|--|--|--|
| ECN 111 or ECN 112 Econ | 3 |  |  |  |
|                         | 3 |  |  |  |

**Awareness Areas**

|    |  |  |  |  |
|----|--|--|--|--|
| C: |  |  |  |  |
| G: |  |  |  |  |
| H: |  |  |  |  |

**B. Literacy/Critical Inquiry (6 hrs min)**

|                       |   |  |  |  |
|-----------------------|---|--|--|--|
| L:                    | 3 |  |  |  |
| L: TWC 400 Tech. Comm | 3 |  |  |  |

**C. Natural Sciences (12 hrs min)**

|                                    |   |  |  |  |
|------------------------------------|---|--|--|--|
| SQ: PHY 111 General Physics I      | 3 |  |  |  |
| SQ: PHY 113 General Physics Lab I  | 1 |  |  |  |
| SQ: PHY 112 General Physics II     | 3 |  |  |  |
| SQ: PHY 114 General Physics Lab II | 1 |  |  |  |
| Lab Science elective               | 4 |  |  |  |

**D. Mathematics (18 hrs min) See University Numeracy Req't\***

|                                 |   |  |  |  |
|---------------------------------|---|--|--|--|
| MA: MAT 260 Tech Calc I         | 3 |  |  |  |
| MA: MAT 261 Tech Calc II        | 3 |  |  |  |
| MA: MAT 262 Tech Calc III       | 3 |  |  |  |
| MAT 243 Discr Math Structures   | 3 |  |  |  |
| APM 301 Introductory Statistics | 3 |  |  |  |
| Num Elective                    | 3 |  |  |  |

|                      |  |  |  |  |
|----------------------|--|--|--|--|
| Sub Total (II) _____ |  |  |  |  |
|----------------------|--|--|--|--|

**III. Lower Division Core (17 hrs)**

|                                 |   |  |  |  |
|---------------------------------|---|--|--|--|
| CST 100 Object Oriented Soft I  | 3 |  |  |  |
| CS: CST 150 Dig Sys I           | 4 |  |  |  |
| CST 200 Object Oriented Soft II | 3 |  |  |  |
| CST 230 Intro Data Structures   | 3 |  |  |  |
| EET 208 Elec. Circuit Anal. I   | 4 |  |  |  |

|                      |  |  |  |  |
|----------------------|--|--|--|--|
| Sub Total (IV) _____ |  |  |  |  |
|----------------------|--|--|--|--|

AGEC OR TGECC CERTIFICATION \_\_\_ Yes \_\_\_ No

\* University Mathematical Studies Requirement: Program must include at least one course from MA category and an additional course from the CS category.

Concentration:

| <i>IV. Major (54 hrs)</i>         | Hrs | Cr   | Trans |    |
|-----------------------------------|-----|------|-------|----|
|                                   | ASU | Trns | From  | Gr |
| CST 326 Pgm Lang Tech C/C++,VB    | 4   |      |       |    |
| CST 350 Digital Systems II        | 4   |      |       |    |
| CST 354 Microcomp Arch & Prog     | 4   |      |       |    |
| CST 364 Computer Architecture     | 3   |      |       |    |
| CST 383 Shell and Script Pgm Unix | 3   |      |       |    |
| CST 386 Operating Systems Princ   | 3   |      |       |    |
| CST 400 Software Eng Tech         | 3   |      |       |    |
| CST 456 Micro. Comp. Sys. Int.    | 4   |      |       |    |
| CST 415 or UET 415                | 3   |      |       |    |
| CST 494 ST: Prof. Orientation     | 1   |      |       |    |
| Concentration** (22 hrs min)      |     |      |       |    |
|                                   |     |      |       |    |
|                                   |     |      |       |    |
|                                   |     |      |       |    |
|                                   |     |      |       |    |
|                                   |     |      |       |    |

\*\*Concentration Requirement (22 hrs min)

**Computer Hardware Tech**

- EET 301 4
- CST/EET 401 3
- CST 452 4
- CST 458 or CST 473 3-4
- Technical Elect 7-8

**Embedded Systems Tech**

- CST 401 3
- CST 420 3
- CST 441 or CST 494 ST: Int. En. Emb. Dev. 3
- CST 458 or CST 459 3
- CST 494 ST:Embedded C 3
- Technical Elect 7

Graduation Requirements Total Upper Div Hrs \_\_\_\_\_

Regular Curriculum - 128 hrs (Min. required: 50 hrs)

| <i>Semester Hour Summary</i> | ASU | TR  | TOTAL HRS |
|------------------------------|-----|-----|-----------|
|                              | HRS | HRS |           |
| I. English                   |     |     |           |
| II. General Studies          |     |     |           |
| III. Computer EngTech Core   |     |     |           |
| IV. Major                    |     |     |           |
| Total Program Hours          |     |     |           |

Submitted by \_\_\_\_\_  
Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Approved \_\_\_\_\_  
Advisor \_\_\_\_\_ Date \_\_\_\_\_

Approved \_\_\_\_\_  
Department Chair \_\_\_\_\_ Date \_\_\_\_\_

Approved \_\_\_\_\_  
Academic Advising Coordinator \_\_\_\_\_ Date \_\_\_\_\_

Approved \_\_\_\_\_  
Dean \_\_\_\_\_ Date \_\_\_\_\_