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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Name:** |  | | | | | **Date of Entrance:** |  | | | | | **Advisor:** |  | | | | | **GENERAL EDUCATION - 65 Semester Hours** | | | | | |  | | Sem | Grade | Hrs | | **Area A Essential Skills –** 9 Hrs | | | | | | ENGL 1101-Eng Comp 1 | |  |  | 3\* | | ENGL 1102-Eng Comp 2 | |  |  | 3\* | | MATH 1113-Pre-Calculus | |  |  | 3\* | | **Area B Institutional Options –** 5 Hrs | | | | | | AFRS 1501-African Amer History | |  |  | 2 | | HUMN 1201- Critical Thinking & Communication | |  |  | 3 | | **Area C Humanities/Fine Arts –** 6 Hrs | | | | | | Choose an item. | |  |  | 3 | | Choose an item. | |  |  | 3 | | **Area D Science, Mathematics and Technology –** 11 Hrs | | | | | | Select one 3 hour course | |  |  |  | | Choose an item. | |  |  | 3\* | | Choose two of the following sequences. 4 hours classes – 8 hours | |  |  |  | | Choose an item. | |  |  |  | | Choose an item. | |  |  |  | | Choose an item. | |  |  |  | | Choose an item. | |  |  |  | | **Area E Social Sciences –** 12 Hrs | | | | | | Choose an item. | |  |  | 3 | | POLS 1101-American Government | |  |  | 3 | | POLS 2401-Global Issues | |  |  | 3 | | Choose an item. | |  |  | 3 | | **ADDITIONAL REQUIREMENTS –** 5 Hrs | | | | | | Freshmen Year Experience - 2 hrs | |  |  |  | | Choose an item. | |  |  |  | | Choose an item. | |  |  |  | | Health Education 3 hrs | |  |  |  | | Choose an item. | |  |  | 2 | | Choose an item. | |  |  | 1 | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **SID:** |  | | | | | **Catalog Date:** |  | | | | | **Graduation:** |  | | | | |  | | Sem | Grade | Hrs | | **Area F Computer Science Technology Core – 17** Hrs | | | | | | CSCI 1301 Computer Science I | |  |  | 3\* | | CSCI 1302 Computer Science II | |  |  | 4\* | | MATH 2101 Calculus I | |  |  | 4\* | | MATH 2301 Discrete Mathematics | |  |  | 3\* | | CSCI 2231K Introduction to UNIX | |  |  | 3\* | | **Major in Computer Science Technology – 62 Hrs** | | | | | | **CSCI Courses** 29 - Hrs | |  |  |  | | CSCI 1610 Programming in Java | |  |  | 4\* | | CSCI 2215 Perl Scripting | |  |  | 4\* | | CSCI 3000 Data Structure | |  |  | 3\* | | CSCI 3102 Visual Basic | |  |  | 3\* | | CSCI 3210 Advanced Java | |  |  | 3\* | | CSCI 3385K Comp. Network Design | |  |  | 3\* | | CSCI 4110 Operating Systems | |  |  | 3\* | | CSCI 4210 Database and File Processing | |  |  | 3\* | | CSCI 4410 Web Based Programming | |  |  | 3\* | | **Mathematics** – 7 Hrs | |  |  |  | | MATH 2111 Calculus II | |  |  | 4\* | | Mathematics Electives | |  |  | 3\* | | **Engineering Technology –** 26 Hrs | |  |  |  | | ENGT 2101K Computer Graphics | |  |  | 3\* | | ELET 3101K Circuit I | |  |  | 4\* | | ELET 3301K Digital Systems I | |  |  | 4\* | | ELET 3311K Digital Systems II | |  |  | 4\* | | ELET 3401K Microcomputer Interfacing | |  |  | 3\* | | ELET 3411K Microcontrollers | |  |  | 4\* | | ELET 3501K Control Systems | |  |  | 4\* | |  | |  |  |  | |  | |  |  |  | |  | |  |  |  | | **TOTAL HOURS FOR CSCI DEGREE: 127 Hours** | | | | |   \* A minimum grade of “C” is required for this course |