

**Southern University**  
**Department of Computer Science**  
 2014-2016 Balance Sheet  
 (Information Systems Option)

NAME \_\_\_\_\_

ADVISOR \_\_\_\_\_

| COURSE TITLE   | CS NO      | HR | GR | SEM | YR |
|--|------------|----|----|-----|----|
| <b>COMPUTER SCIENCE COURSES (47 HRS)</b>                     |            |    |    |     |    |
| CMPS Seminar I   | 110        | 1  |    |     |    |
| CMPS Seminar II  | 111        | 1  |    |     |    |
| Programming I  | 190        | 3  |    |     |    |
| Programming II   | 191        | 3  |    |     |    |
| Discrete Structures  | 200        | 3  |    |     |    |
| Data Structures  | 201        | 3  |    |     |    |
| Program Languages  | 300        | 3  |    |     |    |
| Computer Organization  | 302        | 3  |    |     |    |
| Digital Data Networks  | 334        | 3  |    |     |    |
| Object-Oriented Program                                      | 370        | 3  |    |     |    |
| Software Engineering   | 378        | 3  |    |     |    |
| Operating Systems  | 400        | 3  |    |     |    |
| Systems Analysis   | 415        | 3  |    |     |    |
| Database Management  | 420        | 3  |    |     |    |
| Capstone Project I   | 450        | 1  |    |     |    |
| Capstone Project II  | 451        | 2  |    |     |    |
| <b>CS GROUP ELECTIVES</b>                                    |            |    |    |     |    |
|  |            | 3  |    |     |    |
|  |            | 3  |    |     |    |
| <b>MATHEMATICS (14 HRS)</b>                                  |            |    |    |     |    |
| Linear Algebra   | 233        | 3  |    |     |    |
| Anal. Geom & Cal I   | 264        | 4  |    |     |    |
| Anal Geom & Cal II   | 265        | 4  |    |     |    |
| Statistics   | 276        | 3  |    |     |    |
| <b>SCIENCE (12 HRS)</b>                                      |            |    |    |     |    |
| Biology Lec (104 or 105)<br>OR<br>General Chemistry Lec 132  |            | 3  |    |     |    |
| Biology Lab(106 or 107)<br>OR<br>General Chemistry Lab 112   |            | 1  |    |     |    |
| General Physics I  | 221        | 3  |    |     |    |
| General Physics I Lab  | 223        | 1  |    |     |    |
| General Physics II   | 222        | 3  |    |     |    |
| General Physics II Lab                                       | 224        | 1  |    |     |    |
| <b>BUSINESS REQUIREMENTS (12 HRS)</b>                        |            |    |    |     |    |
| Management Behavior  | 300        | 3  |    |     |    |
| Quant. Analysis in Bus                                       | 306        | 3  |    |     |    |
| Elec I-  |            | 3  |    |     |    |
| Elec II-   |            | 3  |    |     |    |
| <b>UNIVERSITY REQUIREMENTS (6 HRS)</b>                       |            |    |    |     |    |
| African American Studies<br>(Will meet with English Lit 203) | 203<br>Eng | 3  |    |     |    |
| Volunteerism   |            | 3  |    |     |    |
| Writing Proficiency  | 001        | 0  |    |     |    |
| Department Comprehensive                                     | 000        | 0  |    |     |    |

| COURSE TITLE                                | CS NO | HR | G R | SEM | YR |
|---|-------|----|-----|-----|----|
| <b>ENGLISH (9 HRS)</b>                      |       |    |     |     |    |
| English Composition I                       | 110   | 3  |     |     |    |
| English Composition II                      | 111   | 3  |     |     |    |
| English Literature                          | 203   | 3  |     |     |    |
| <b>SOCIAL SCIENCES (6 HRS)</b>              |       |    |     |     |    |
| Economics 200 or 205                        |       | 3  |     |     |    |
| Soc Science Elec II                         |       | 3  |     |     |    |
| <b>HUMANITIES (9 HRS)</b>                   |       |    |     |     |    |
| History I                                   | 114   | 3  |     |     |    |
| History II                                  | 115   | 3  |     |     |    |
|   |       | 3  |     |     |    |
| <b>ARTS ELECTIVES (3 HRS)</b>               |       |    |     |     |    |
|   |       |    |     |     |    |
| <b>FOREIGN LANGUAGES (6 HRS)</b>            |       |    |     |     |    |
|   |       | 3  |     |     |    |
|   |       | 3  |     |     |    |
| <b>HEALTH or PHYSICAL EDUCATION (2 HRS)</b> |       |    |     |     |    |
| Health                                      | 110   | 2  |     |     |    |
| <b>OR</b>                                   |       |    |     |     |    |
| Physical Activity I                         |       | 1  |     |     |    |
| Physical Activity II                        |       | 1  |     |     |    |
| <b>ELECTIVES (0 HRS)</b>                    |       |    |     |     |    |
|   |       |    |     |     |    |
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|   |       |    |     |     |    |
| <b>OTHER ELECTIVES OR TRANSFER CREDITS</b>  |       |    |     |     |    |
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English 203 will satisfy both requirements African American Studies and English Literature  
 Foreign Language must be in sequence (e.g. 100 and 101) of the same languages. Computer Science Elective(s): check with advisor for list.  
**Note: This Balance Sheet supersedes the 2012-2014 University Catalog.**

Approved \_\_\_\_\_ Date \_\_\_\_\_  
 Chair, Computer Science

Approved: \_\_\_\_\_ Date \_\_\_\_\_  
 Dean, College of Engineering & Computer Science