**ASSOCIATE OF ARTS IN COMPUTER SCIENCE (AACS) CURRICULUM**

Georgia Central University School of Computer Science

http://www.gcuniv.edu

**Writing and Communication (6 credits)** ENGL101/102 English I/II 6

**Fine Art/Humanities (9 credits)**

BS101 A Survey of the Bible\* 3

BT100 Christian Worldview\* 3

ART120 Western Art History 3

ART121 Theories of Design & Color 3

MUS105 Fundamentals of Music 3

MUS100 Music Appreciation 3

MUS351 Music & Worship\* 3

MUS106 University Chorus 3

**Behavioral/Social Sciences/Computer Literacy (3 credits)**

ECON101 Fundamental Economics 3

ECON201 Introduction to Microeconomics 3 BCOM101 Business Communication I 3

HIS140 History of America 3

HUM103 Introduction to Christian Ethics\* 3 SOC102 Marriage and Family 3

SOC103 Race and Ethnic Relations 3

SOC110 Introduction to Sociology 3

SOC146 Christianity and Economic Thoughts\* 3

PSY130 Introduction to Psychology 3

CIS230 Microsoft Excel 3

CIS232 Microsoft Access 3

CIS235 QuickBooks 3

CS221 Computer Networking 3

CIS231 Advanced Excel with Visual Basic for Applications

CIS371 Microsoft Word I 3

CIS339 Microsoft Outlook – Comprehensive Course 3

CS102 Internet, HTML and Web Design 3

**Mathematics/ Statistics (17 Credits)**

BMAT101 College Algebra 3

BMAT102 Calculus 3

BMAT204 Probability 3

MATH221 Discrete Mathematics 4

MATH222 Applied Calculus 4

**Science (3 credits)**

SCI101 Chemistry 3

SCI102 Biology 3

SCI103 Physics 3

SCI104 Bible and Science\* 3

**Computer Science Core Courses (23 credits)**

CIST101 Introduction to Business Computing 3 CS101 Introduction to Computer Science & Object-Oriented Programming 3

CS102 Internet, HTML and Web Design 3

CS121 Object-Oriented Programming I 4

CS122 Object-Oriented Programming II 4

CS221 Computer Networking 3

CS222 Database Design & Application Development 3

CS499 Internship 3