Georgia Gwinnett COLLEGE

B.S. Information Technology – Systems & Security

2016-2017 Catalog

This plan is an unofficial document used for advisement only.

How to use this program plan: Write the grade for the course that satisfies each requirement. If the student takes a course that is chosen from a list of possible courses, circle the course number taken in addition to writing the grade.

Student Name _____

S. Id No _____

S. Phone (w)_____ (h)_____

S. alt. email _____

Adviser_____

A. phone_____

A. email _____

General Education: (60 hours)

School Grade

Area A – Essential Skills: (9 hours) ("C" or better)

_____ _____ ENGL 1101 English Composition I
_____ _____ ENGL 1102 English Composition II
_____ _____ MATH 1113 Pre-Calculus or MATH 2200

Area B – Institutional Option (4 hours)

_____ _____ ITEC 1001 Introduction to Computing

Area C – Humanities/Fine Arts (6 hours)

_____ _____ *Choose one from the following:*
MUSC 1100/ARTS 1100/ENGL 2111, 2112, 2121, 2122, 2131, 2132/FILM 1005
_____ _____ *Choose one from the following:*
RELN 1100/GEOG 1101/2000 level foreign lang

Area D – Science, Math, Technology (11 hrs)

_____ _____ CHEM 1211K Principles of Chemistry I
_____ _____ CHEM 1212K Principles of Chemistry II
_____ _____ ITEC 2110 Digital Media

Area E – Social Science (12 hours)

_____ _____ POLS 1101 American Government
_____ _____ HIST 2111 ***or*** HIST 2112 U.S. History I & II
Select one course:
_____ _____ HIST 2111 (if not used above)
HIST 2112 (if not used above)
HIST 1111 World History I
HIST 1112 World History II
HIST 1121 Western Civ I
HIST 1122 Western Civ II
Select one of the following:
_____ _____ PSYC 1102/SOCI1101/ANTH1102/ECON2100

Area F – Courses Related to the Program of Study (18 hours) ("C" or better)

_____ _____ MGMT 3000 Principles of Management
_____ _____ ITEC 2140 Programming Fundamentals
_____ _____ ITEC 2201 Introduction to Info Systems
_____ _____ MATH 2000 Statistics
_____ _____ MATH 2300 Discrete Math

Additional Requirements

Physical Education (3 hours)

_____ _____ Choices for Life (1 hour)
_____ _____ Additional Physical Education (2 hours)
_____ _____

Program of Study (60 hours) Grade of "C" or Better

(39 hours must be at the 3000-4000 level)

School Grade

Required IT Courses (35 hours)

_____ _____ ITEC 2150 Intermediate Programming
_____ _____ ITEC 3100 Intro to Networks
_____ _____ ITEC 3150 Advanced Programming
_____ _____ ITEC 3200 Intro to Databases
_____ _____ ITEC 3300 Information Security
_____ _____ ITEC 3600 Operating Systems
_____ _____ ITEC 3700 Systems Analysis & Design
_____ _____ ITEC 3900 Profess Practice & Ethics
_____ _____ ITEC 4330 System Administration
_____ _____ ITEC 4810 Info Tech Project I
_____ _____ ITEC 4320 Internet Security

Other Required Courses (7–16 hours)

Select one basic Science Sequence:
_____ _____ PHYS 2211K/2212K Prin of Physics I & II and MATH 2210
_____ _____ BIOL 1107K/1108K Prin of Biology I & II ***or*** MATH 2210 or MATH 2450

_____ _____ MATH 2200 Calculus I (if not taken in Area A)

Additional Electives 9-18 hours)

9 hours must be 3000/4000 level ITEC courses
6 hours only may be free electives at the 2000 level or above
Any remaining credits hours must also have an ITEC/STEC prefix

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Regents Requirements – The requirements for US and Georgia History and Constitution can be satisfied by transfer credit of HIST 2111 OR 2112 and POLS 1101 from a University System of Georgia institution. If not satisfied, the student should work with their adviser concerning exemption exams or can complete the courses.

__US Constitution __Georgia Constitution
__US History __ Georgia History

Revised 04/2016