GGC Information Technology
Software Development Track
AY19-20

GGC Information Technology Software Development Track AY19-20 course prerequisite flowchart.

MATH 1111 College Algebra → MATH 1113 Pre-Calculus, MATH 2000 Statistics

MATH 1113 Pre-Calculus → MATH 2200 Calculus I, ITEC 2110 Digital Media

ITEC 1001 Introduction to Computing

Business Courses
- BUSA 2106 Legal Environment of Business
- BUSA 2105 Communications in the Business Environment

Prereq w/ Concurrency
- MATH 2300 Discrete Math

Introductory Programming
- ITEC 2120 Introduction to Programming
- ITEC 2140 Programming Fundamentals

MIS/IS Options
- ITEC 2201 Introdcution to Information Systems
- BUSA 3100 Management Information Systems

MATH 2200 Calculus I

ITEC 2110 Digital Media

ITEC 2150 Intermediate Programming

ITEC 3100 Introdcution to Networks
ITEC 3200 Introdcution to Databases
ITEC 3900 Professional Practice and Ethics
MGMT 3000 Principles of Management

Other Required (Pick 1 Option)

Biology Option
- BIOL 1107K Principles of Biology I
- BIOL 1108K Principles of Biology II

Math Option
- MATH 2450 Linear Algebra
- MATH 2210 Calculus II

Physics Option
- PHYS 2211K Principles of Physics I
- PHYS 2212K Principles of Physics II

ITEC Option 2 (Select 2)
- ITEC 3450 Computer Graphics and Multimedia
- ITEC 4550 Mobile Application Development
- ITEC 4650 Game Development

ITEC Option 1
- ITEC 2130 Web Technologies
- ITEC 4450 Web Development

ITEC 3150 Advanced Programming
ITEC 3700 Systems Analysis and Design
ITEC 3860 Software Development I
ITEC 3870 Software Development II

Prereq w/ Concurrency
- ITEC 4260 Software Testing and QA
- ITEC 4860 Software Development Project