

GGC Information Technology
Software Development Track
AY19-20

The course map illustrates the progression of the Software Development Track. Key components include:

- Introductory Courses:** ITEC 1001 Introduction to Computing, MATH 1113 Pre-Calculus, MATH 1111 College Algebra, ITEC 2120 Introduction to Programming, and ITEC 2110 Digital Media.
- Business Courses:** BUSA 2106 Legal Environment of Business and BUSA 2105 Communications in the Business Environment.
- MIS/IS Options:** ITEC 2201 Introduction to Information Systems, BUSA 3100 Management Information Systems, and mgmt3000.
- Math Options:** MATH 2000 Statistics, MATH 2300 Discrete Math, MATH 2210 Calculus II, and MATH 2450 Linear Algebra.
- Biology Option:** BIOL 1107K Principles of Biology I and BIOL 1107K Principles of Biology II.
- Physics Option:** PHYS 2211K Principles of Physics I and PHYS 2212K Principles of Physics II.
- ITEC Option 1:** ITEC 2130 Web Technologies, ITEC 2150 Intermediate Programming, and ITEC 4450 Web Development.
- ITEC Option 2 (Select 2):** ITEC 4550 Mobile Application Development, ITEC 2140 Programming Fundamentals, and ITEC 3450 Computer Graphics and Multimedia.
- Other Required:** ITEC 3100 Introduction to Networks and ITEC 3150 Advanced Programming.
- Final Courses:** ITEC 3700 Systems Analysis and Design, ITEC 3860 Software Development I, ITEC 3870 Software Development II, ITEC 4260 Software Testing and QA, and ITEC 4860 Software Development Project.

