

GGC Information Technology
Systems and Security Track
AY19-20

Mathematics Path:

- MATH 1111 College Algebra
 - MATH 2000 Statistics
 - MATH 1113 Pre-Calculus
 - MATH 2200 Calculus I
 - Math Option: MATH 2210 Calculus II, MATH 2450 Linear Algebra
 - Physics Option: PHYS 2211K Principles of Physics I → PHYS 2212K Principles of Physics II
 - Other Required:
 - Biology Option: BIOL 1107K Principles of Biology I → BIOL 1107K Principles of Biology II
 - ITEC Option 2: ITEC 3200 Introduction to Databases → ITEC 4200 Advanced Databases; ITEC 3100 Introduction to Networks → ITEC 4100 Advanced Networks
 - ITEC Option 1: ITEC 2130 Web Technologies → ITEC 4450 Web Development

Business Courses:

- BUSA 2106 Legal Environment of Business
- BUSA 2105 Communications in the Business Environment
 - BUSA 3100 Management Information Systems

Information Technology Path:

- ITEC 1001 Introduction to Computing
 - ITEC 2110 Digital Media
 - Introductory Programming: ITEC 2140 Programming Fundamentals, ITEC 2120 Introduction to Programming
 - MIS/IS Options: ITEC 2201 Introduction to Information Systems, MGMT 3000 Principles of Management
 - ITEC 3900 Professional Practice and Ethics
- Prereq w/ Concurrency: MATH 2300 Discrete Math
- ITEC 2150 Intermediate Programming (Red Box)
 - ITEC 3150 Advanced Programming
 - ITEC 4320 Internet Security
 - ITEC 3700 Systems Analysis and Design
 - ITEC 3600 Operating Systems
 - ITEC 4330 Systems Administration
 - ITEC 4810 IT Project I
- ITEC 3300 Information Security
 - ITEC 4330 Systems Administration

Other Required Courses:

- ITEC 3200 Introduction to Databases
- ITEC 3100 Introduction to Networks
- ITEC 2130 Web Technologies
- ITEC 4200 Advanced Databases
- ITEC 4100 Advanced Networks
- ITEC 4450 Web Development
- ITEC 4330 Systems Administration
- ITEC 4810 IT Project I