

GLOUCESTER COUNTY COLLEGE
ACCOUNTING
Computer Accounting Option
Associate in Applied Science (A.A.S.) – Career
Program Requirements

Computer technology is widespread in the accounting profession. Accountants continuously face more sophisticated computer-based accounting systems and computerized productivity packages in their employment environment. Students preparing for employment in this profession must be knowledgeable and adept in computerized accounting information systems. The accounting student must be able to identify, evaluate and use an automated accounting system for the purposes of verifying and interpreting accounting data. Students who have completed the program will be able to:

- Interpret, analyze, and communicate financial and managerial information for decision-making purposes
- Understand and create financial statements in accordance with generally accepted accounting principles
- Demonstrate competency with spreadsheets and database management in an accounting environment
- Demonstrate computer skills for financial reporting and analysis sufficient to meet expectations for entry-level positions in accounting information systems

Required Core and Elective Courses

| | | <u>Credits</u> |
|--|---------------------------------|----------------|
| <u>Communications</u> | | |
| ENG 101* | English Composition I | 3 |
| ENG 102* | English Composition II | 3 |
| <u>Humanities</u> | | |
| _____ | Humanities Elective | 3 |
| _____ | Humanities Elective | 3 |
| <u>Social Science</u> | | |
| ECO _____ | Economics Elective | 3 |
| _____ | Social Science Elective | 3 |
| <u>HPE</u> | | |
| HPE _____ | Physical Education Elective | 1-3 |
| <u>Mathematics</u> | | |
| MAT 100 | Foundations of Mathematics I | 3 |
| MAT 200 | Foundations of Mathematics II | 3 |
| <u>Business</u> | | |
| BUS 102 | Accounting I | 4 |
| BUS 103 | Accounting II | 4 |
| BUS 106 | Managerial Accounting | 3 |
| BUS 107 | Business Law I | 3 |
| BUS 202 | Intermediate Accounting I | 3 |
| BUS 203 | Intermediate Accounting II | 3 |
| <u>Computer Information Systems</u> | | |
| CIS 107 | Concepts of Information Systems | 3 |
| CIS 110 | Fundamentals of Programming | 4 |
| CIS 120 | Spreadsheets - EXCEL | 4 |
| CIS 151 | Web Development HTML | 4 |
| CIS 210 | Relational Databases | 4 |
| CIS 264 | Database Applications | 4 |

TOTAL MINIMUM CREDITS: 68-70

*Formerly COM 101 / 102

Date of last revision: 05/07

ACCOUNTING
Computer Accounting Option
Associate in Applied Science (A.A.S.) - Career
Program Requirements

Four Semester Sequence of Courses

| <u>FIRST YEAR - Fall Semester</u> | <u>Credits</u> |
|---|-----------------------|
| ___ BUS 102 Accounting I ** | 4 |
| ___ ENG 101* English Composition I | 3 |
| ___ MAT 100 Foundations of Mathematics I *** | 3 |
| ___ CIS 107 Concepts of Information System | 3 |
| ___ CIS 120 Spreadsheets – EXCEL | 4 |
| | 17 |
| <u>Spring Semester</u> | |
| ___ BUS 103 Accounting II | 4 |
| ___ CIS 110 Fundamentals of Programming | 4 |
| ___ CIS 210 Relational Databases | 4 |
| ___ ENG 102* English Composition II | 3 |
| ___ MAT 200 Foundations of Mathematics II *** | 3 |
| | 18 |
| <u>SECOND YEAR - Fall Semester</u> | |
| ___ BUS 106 Managerial Accounting | 3 |
| ___ BUS 107 Business Law I | 3 |
| ___ BUS 202 Intermediate Accounting I | 3 |
| ___ CIS 151 Web Development HTML | 4 |
| ___ _____ Humanities Elective | 3 |
| | 16 |
| <u>Spring Semester</u> | |
| ___ BUS 203 Intermediate Accounting II | 3 |
| ___ CIS 264 Database Applications | 4 |
| ___ ECO ____ Economics Elective | 3 |
| ___ _____ Humanities Elective | 3 |
| ___ _____ Social Science Elective | 3 |
| ___ HPE ____ Physical Education Elective | 1-3 |
| | 17-19 |
| <u>TOTAL MINIMUM CREDITS:</u> | 68-70 |

*Formerly COM 101 / 102

**Students with prior experience may substitute a business elective with the approval of the Business and Technology Division Dean after successfully completing a placement exam.

***MAT 151 and MAT 152 can be substituted for MAT 100 and MAT 200 and are recommended for students who are considering transfer to a four-year institution.