ACCOUNTING

Accounting Certificate

One-Year Certificate

Technical Core: (20 credits)
- BA 251 Principles of Accounting 5
- BA 252 Principles of Accounting 5

Select 2 courses from the following options:
- BA 105 Business & Payroll Taxes 5
- BA 111 Computerized Accounting 5
- BA 115 Management Information Systems 5

Technical Support Courses: (a minimum of 15 credits are required)
- BA 101 Introduction to Business 5
- BA 120 Personal Financial Planning 5
- BA 254 Business Law 5
- BA 255 Business Law 5
- BA 270 Accounting Review/Excel 5
- BA 295.2 Cooperative Work Experience 2-5
- BT 110 Keyboarding 2-4
- CA 100 Intro to Microcomputers 4
- CS 106 Database 2
- CS 108 Spreadsheets 2
- EC 201 Economics 5
- EC 202 Economics 5
- MTH 143 Statistics 5
- MTH 200 Finite Math 5
- MTH 210 Basic Calculus 5

General Education Requirements: (18 credits)
- ENG 101 English Composition 5
- MTH Math 104 or higher 5
- PSY 101 Introduction to Psychology or 5
- SOC 101 Introduction to Sociology 5
- SPE 101 Speech Essentials or 3
- SPE 110 Communication Behavior 3

Total Credits Required: (53 credits)

Two-Year Applied Science Degree

Technical Core: (35 credits)
- BA 251 Principles of Accounting 5
- BA 252 Principles of Accounting 5
- BA 253 Principles of Accounting 5

Select 4 courses from the following options:
- BA 105 Business & Payroll Taxes 5
- BA 117 Textile Industry 5
- BA 111 Computerized Accounting 5
- BA 115 Management Information Systems 5
- BA 295.2 Cooperative Work Experience 5

Technical Support Courses: (a minimum of 35 credits are required)
- BA 101 Introduction to Business 5
- BA 120 Personal Financial Planning 5
- BA 150 Investments 5
- BA 255 Business Law 5
- BA 270 Accounting Review/Excel 5
- BA 295.2 Cooperative Work Experience 2-5
- BT 110 Keyboarding 2-4
- CA 100 Intro to Microcomputers 4
- CS 106 Database 2
- CS 108 Spreadsheets 2
- EC 201 Economics 5
- EC 202 Economics 5
- MTH 143 Statistics 5
- MTH 200 Finite Math 5
- MTH 210 Basic Calculus 5

General Education Requirements: (23 credits)
- ENG 101 English Composition 5
- ENG 205 Technical Communications 5
- MTH Math 103 or above 5
- PSY 101 Introduction to Psychology or 5
- PSY 201 Social Psychology or 5
- SOC 101 Introduction to Sociology 5
- SPE 101 Speech Essentials or 3
- SPE 110 Communication Behavior 3

Total Credits Required: (83 credits)

AGRICULTURAL

AG 235

Greenhouse Production (1-5)

An introduction to greenhouse production that is designed to give the student an opportunity to learn about various greenhouse and horticulture growing techniques.

Ag Business Management

Core Courses:
- AG 195.2 Supervised Employment* 10
- AG 196.2 Supervised Employment Seminar* 2
- AG 201 Soils 4
- AG 201.1 Soils Lab 1
- AG 260 Ag Economics 5
- AG 241 Ag Marketing 5
- AG 242 Ag Finance 5
- AG 243 Ag Legal Problems or 5
- AG 254 Business Law 5
- AG 244 Ag Labor Relations 5
- AG 245 Ag Business Management 5
- AG 235.2 Supervised Employment 10
- AG 296.2 Supervised Employment Seminar 2

Total Core classes required 84

*Other college level courses that fit the needs of the student and are approved by the students’ advisor will be considered for graduation.

Electives: 33 Credits

- AG 101 Field Crops 5
- AG 116 Ag Mathematics 3
- AG 140 Weeds 5
- AG 141 Crop Protection I 5
- AG 142 Crop Protection II 5
- AG 146 Ag Plant Pathology 5
- AG 148 Ag Chemistry 3
- AG 181 Irrigation I 5
- AG 195.2 Supervised Employment* 10
- AG 196.2 Supervised Employment Seminar* 2
- AG 201 Soils 4
- AG 201.1 Soils Lab 1
- AG 240 Ag Economics 5
- AG 241 Ag Marketing 5
- AG 242 Ag Finance 5
- AG 243 Ag Legal Problems or 5
- AG 254 Business Law 5
- AG 244 Ag Labor Relations 5
- AG 245 Ag Business Management 5
- AG 295.2 Supervised Employment 10
- AG 296.2 Supervised Employment Seminar 2

Total credits required 113-115

General Education Requirements

101 or higher English 5
101 or higher Speech 3
100 or higher Math 5
100 or higher Psychology or 3

Total credits required 115-117

Ag Chem Business

Core Courses:
- AG 141 Crop Protection I 5
- AG 142 Crop Protection II 5
- AG 143 Fertilizer Technology 5
- AG 148 Ag Plant Pathology 5
- AG 195.2 Supervised Employment* 10
- AG 196.2 Supervised Employment Seminar* 2
- AG 201 Soils 4
- AG 201.1 Soils Lab 1
- AG 240 Ag Economics 5
- AG 241 Ag Marketing 5
- AG 242 Ag Finance 5
- AG 243 Ag Legal Problems or 5
- AG 254 Business Law 5
- AG 244 Ag Labor Relations 5
- AG 245 Ag Business Management 5
- AG 295.2 Supervised Employment 10
- AG 296.2 Supervised Employment Seminar 2

SubTotal 77 Credits

*Other college level courses that fit the needs of the student and are approved by the students’ advisor will be considered for graduation.

Electives: 20 Credits

- AG 101 Field Crops 5
- AG 116 Ag Mathematics 3
- AG 140 Weeds 5
- AG 145 Ag Entomology 5
- AG 146 Ag Plant Pathology 5
- AG 201 Soils 4
- AG 201.1 Soils Lab 1
- AG 240 Ag Economics 5
- AG 241 Ag Marketing 5
- AG 242 Ag Finance 5
- AG 243 Ag Legal Problems or 5
- AG 254 Business Law 5
- AG 244 Ag Labor Relations 5
- AG 245 Ag Business Management 5
- AG 295.2 Supervised Employment 10
- AG 296.2 Supervised Employment Seminar 2

Total credits required 118-120

General Education Requirements

101 or higher English 5
101 or higher Speech 3
100 or higher Math 5
100 or higher Psychology or 3

Total credits required 118-120

*Students are responsible to verify program requirements and transferability of CBC courses with the baccalaureate institutions."
B

Business Administration

BA 251 Principles of Accounting (name previously was General Accounting) (3)
Fundamentals of accounting as applied to actual business situations. Introduction to the accounting cycle for service and merchandising firms to control purchases and sales with business papers, special journals, and subsidiary ledgers.

Computer Science

CS 115 JavaScript/CSS (Internet Publishing ll) (3)
This course will provide students with the skills needed to add JavaScript and Cascading Style Sheets to web pages. JavaScript, the scripting language developed by Netscape, is the first and foremost scripting language for developing client-side applications for web pages. JavaScript is a semioobject-oriented scripting language used for creating dynamic, interactive content for otherwise static HTML pages. This course explores developing advanced graphical user interfaces and interactive processing in-line on web pages. The students will learn the browser object model used by JavaScript, and the methods required to add client-side error checking, dynamic images, dialog windows, etc. The students will also learn how to control page layout and control the layout and appearance of web pages using CSS. Prerequisites: CS 114 and CS 102, or instructor's permission.

CS 119 DOS 2 (3)
This course is designed to help students understand how the operating system and hardware function together to make a computer system. Topics covered are using and customizing DOS, the boot sequence, and disk partitioning and formatting. This class helps prepare students for the A+ Hardware certification tests. Additional classes, experience and study are typically required to pass a certification exam. Prerequisite: CA 100

CS 162 Programming 3 (3)
This class is the second in a series of three in which the student will learn the C++ programming language. The students will learn advanced features of C++ including inheritance, virtual functions and polymorphism, stream input/output, templates, file processing, bitwise operators, linked lists, characters, strings, structures, and classes. Prerequisite: CS 161, or instructor's permission. All prerequisites must be passed with a 2.0 or better before taking this class. $10 lab fee. Note: Students who took CS 161 before Fall 2001 will use the same textbook and learn chapters 10-18.

CS 216 XML (Internet Publishing iii) (5)
This course provides an introduction and practical experience with the Extensible Markup Language (XML) and its associate standards including SCML, XSL, XSLT, XHTML, CSS and other emerging standards, and mainstream electronic publishing technologies concerning page description languages, colors and fonts. The course surveys the open standards that are making documents increasingly interchangeable, searchable, dynamic, and customizable. Prerequisites: CS 115 Advanced HTML skills class or equivalent. Students who have had some exposure to a programming or scripting language will have an advantage, though programming skill is not required.

CS 230 Active Directory Service (ADS) (5)
This course is designed to provide students with the knowledge and skills necessary to install, configure, and administer Microsoft Windows 2000 Active Directory service directories. The course also focuses on implementing Group Policy and performing the Group Policy-related tasks that are required to centrally manage users and computers. Prerequisites: CS 229.

SPE 111 Communication Behavior (3)
This course is recommended for students seeking to improve their communication with friends, family and coworkers. It is designed to heighten the students' awareness of personality styles and communication behaviors, and their respective impact on interpersonal and group communication.

Welding Technology

WT 260 Effects of Welding and Heat Treatment on Steels (5)
This course will cover the effects of welding and heat treatment on the mechanical properties of wrought steel. It will include the various types of heat treatments applied to steels and the responses of the metal.

Human Services

HS 91 Personal Development (5)
This class provides a safe and supportive environment for personal awareness and development. Group interaction and guest speakers offer a comfortable learning environment allowing the students to gain a better awareness of themselves. Students will gain information, which will allow them to make decisions that are beneficial for the life and career choices they are facing.

HS 92 Choices (5)
Development of useful resources and information to equip students to implement a plan of action. Analysing one’s options, interests, skills and goals will prepare the student for this course. Students will explore challenges and opportunities of change, whether by choice or due to life-changing circumstances.
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www.cbc2.org