



**Columbia
Basin
College**

**Addendum to
2001 – 2003
Catalog
Updated Material**



**2001-2003
CATALOG**

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	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	
PSY 201	Social Psychology or	
SOC 101	Introduction to Sociology	5
SPE 101	Speech Essentials or	
SPE 110	Communication Behavior	3

Total Credits Required: (53 credits)

Accounting Associate

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 107	Federal Income Taxes	5
BA 111	Computerized Accounting	5
BA 115	Management Information Systems	5
BA 264	Principles of Accounting Applications	5

Technical Support Courses:

(a minimum of 35 credits are required)

BA 101	Introduction to Business	5
BA 120	Personal Financial Planning	5
BA 165	Investments	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	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	
PSY 201	Social Psychology or	
SOC 101	Introduction to Sociology	5
SPE 101	Speech Essentials or	
SPE 110	Communication Behavior	3

Total Credits Required: (93 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 240	Ag Economics	5
AG 241	Ag Marketing	5
AG 242	Ag Finance	5
AG 243	Ag Legal Problems or	5
BA 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 Core classes required 64

*Other college levels 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 Crop	5
AG 116	Ag Mathematics	3
AG 140	Weeds	5
AG 141	Crop Protection I	5
AG 142	Crop Protection II	5
AG 143	Fertilizer Technology	5
AG 145	Ag Entomology	5
AG 146	Plant Pathology	5
AG 148	Ag Chemistry	3
AG 150	Farm Livestock	5
AG 181	Ag Irrigation	5
AG 200.1	Applied Agriculture	2
AG 230	Tree Fruit Production	5
AG 231	General Viticulture	5
AG 232	Vegetable Production	5
AG 233	Potato Production	4
AG 233.1	Potato Production Lab	1
AG 235	GreenHouse Production	5
AG 247	Farm Management	5

Credits of electives required 33

General Education Requirements

101 or higher	English	5
101 or higher	Speech	3
100 or higher	Math	5
100 or higher	Psychology or	3
BA 271	Human Relations Business	5

General Education Total 16 - 18

Total credits required 113-115

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 Chemistry	3
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	Plant Pathology	5
AG 200.1	Applied Agriculture	2
AG 230	Tree Fruit Production	5
AG 231	General Viticulture	5
AG 232	Vegetable Production	5
AG 233	Potato Production	4
AG 233.1	Potato Production Lab	1
AG 235	Green House Production	5
AG 246	Farm Accounting or	5
BA 251	General Accounting	5
AG 247	Farm Management	5

General Education Requirements

101 or higher	English	5
101 or higher	Speech	3
100 or higher	Math	5
100 or higher	Psychology or	3
BA 271	Human Relations Business	5

General Education Total 16 - 18

Total credits required 115-117

Ag Production

Core Courses:

AG 101	Field Crops	5
AG 140	Weeds	5
AG 141	Crop Protection I	5
AG 142	Crop Protection II	5
AG 146	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
BA 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 92 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: 10 Credits

AG 116	Ag Mathematics	3
AG 143	Fertilizer Technology	5
AG 145	Ag Entomology	5
AG 150	Farm Livestock	5
AG 200.1	Applied Agriculture	2
AG 230	Tree Fruit Production	5
AG 231	General Viticulture	5
AG 232	Vegetable Production	5
AG 233	Potato Production	4
AG 233.1	Potato Production Lab	1
AG 235	Green House Production	5
AG 246	Farm Accounting or	5
BA 251	General Accounting	5
AG 247	Farm Management	5

General Education Requirements

101 or higher	English	5
101 or higher	Speech	3
100 or higher	Math	5
100 or higher	Psychology or	3
BA 271	Human Relations Business	5

General Education Total 16 - 18

Total credits required 118-120

BUSINESS ADMINISTRATION

BA 251 Principles of Accounting (name previously was General Accounting)

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.

Business Administration

One-Year Certificate

Technical Core: (24 credits)

BA 101	Introduction to Business	5
BA 251	Principles of Accounting	5
BA 254	Business Law	5
BA 271	Human Relations	5
CA 100	Introduction to Microcomputers or	
CA/CS	Software Programs (2)	4

Technical Support Courses (18 credits)

Options: You may pick optional classes from prepared lists of courses. See advisor to make your course selections.

General Education Requirements: (23 credits)

ENG 101	English Composition	5
MTH	Math 103 or above	5
PSY 201	Social Psychology	5
SOC 101	Introduction to Sociology	5
SPE 101	Speech Essentials or	
SPE 110	Communication Behavior	3

Total Credits Required: (65 credits)

A.A.S. Degree

Technical Core: (34 credits)

BA 101	Introduction to Business	5
BA 251	Principles of Accounting	5
BA 252	Principles of Accounting	5
BA 254	Business Law	5
EC 201	Economics	5
EC 202	Economics	5
CA 100	Introduction to Micro-Computers or	
CA/CS	Software Programs (2)	4

Technical Support Courses: (30 credits)

Options: You may pick optional classes from prepared lists of courses. See advisor to make your course selections.

General Education Requirements: (33 credits)

ENG 101	English Composition	5
ENG 201	Advanced English Composition or	
ENG 205	Technical Writing	5
MTH	Math 103 or above	5
PSY 201	Social Psychology	5
SCI 100	Environmental Science	5
SOC 101	Introduction to Sociology	5
SPE 101	Speech Essentials or	
SPE 110	Communication Behavior or	
SPE 120	Multimedia Speech	3

Total Credits Required: (97 credits)

COMPUTER SCIENCE

CS 115 JavaScript/CSS (internet publishing ii)

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 semiobject-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 CS102, or instructors 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: CA100

CS 162 Programming 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 SGML, 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 programing 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™ directory services. 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.

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. Analyzing 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.

HS 93 Job Readiness (5)

Use of interest and personality inventories will aid the students in career choices. Students will learn how to write an effective resume, conduct a successful interview, and dress for success. The students will learn what resources are available to assist them in their job search.

SPEECH

SPE 111 Communication Behavior (5)

This course recommended for students seeking to improve their communication with friends, family and co-workers. It is designed to heighten the student's 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.

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