3. Complete 3 credits from one of the following computation courses:
   - CIOS 135—Microcomputer Spreadsheets (3)
   - CIOS 100-level or above microcomputer graphics elective (3)
   - CIOS 100-level or above microcomputer database elective (3)
   - CIOS 100-level or above microcomputer database elective (3)
   - CIOS 100-level or above microcomputer graphics elective (3)

4. Complete the following human relations course:
   - ABUS 154—Human Relations ......................................................... 3

5. Complete the following general business courses:
   - ABUS 101—Principles of Financial Accounting I (3)
     or ABUS 142—Office Accounting I (3) ........................................... 3
   - BA 151—Introduction to Business .................................................. 3
   - CIOS elective appropriate to skill level ........................................ 3

6. Complete 1 of the following concentrations:

**Computer Applications**
a. Complete the following:
   - CIOS 100-level or above word processing elective ....................... 3
   - CIOS 100-level or above microcomputer spreadsheet elective .......... 3
   - CIOS 100-level or above microcomputer database elective ............. 3
   - CIOS 100-level or above microcomputer graphics elective ............. 3

**Finance**
a. Complete the following:
   - ABUS 120—Basics of Investing ................................................... 3
   - ABUS 160—Principles of Banking .................................................. 3
   - ABUS 210—Income Tax .................................................................. 3
   - ABUS 233—Financial Management ............................................... 3
   - CIOS 135—Microcomputer Spreadsheets ........................................ 3

Note: CIOS 135 is the required CIOS elective for this certificate.

**General Business**
a. Complete the following:
   - ABUS 201—Principles of Accounting II (3)
     or ABUS 210—Income Tax (3)
     or ABUS 220—Quickbooks Accounting (3)
     or ABUS 221—Microcomputer Accounting (3)
     or ABUS 235—Fund Accounting for Non-Profits (3) ....................... 3
   - ABUS 179—Fundamentals of Supervision ..................................... 3
   - ABUS 272—Small Business Accounting ........................................ 3
   - ABUS 273—Managing Small Planning .......................................... 3

**Human Resources**
a. Complete the following:
   - ABUS 141—Payroll Accounting ..................................................... 3
   - ABUS 179—Fundamentals of Supervision ..................................... 3
   - ABUS 231—Introduction to Personnel .......................................... 3
   - ABUS 242—Employment Law ....................................................... 3

**International Business**
a. Complete the following:
   - ABUS 178—Business and Professional Presentations ..................... 3
   - ABUS 275—Applied International Business .................................. 3
   - PS 201—Comparative Politics ...................................................... 3
   - Foreign language elective ......................................................... 3

**Marketing**
a. Complete the following:
   - ABUS 175—Customer Service ..................................................... 3
   - ABUS 178—Business and Professional Presentations ..................... 3
   - ABUS 260—Marketing Practices .................................................. 3
   - CIOS 200-level graphics or web design elective ........................... 3

Planning and preparation are keys to success in business. Running a business effectively requires a basic understanding of the principles of accounting, management, human relations, math, communications, customer service, computers, law, finance and logic.

The applied business management certificate provides students with a foundation of contemporary management knowledge and skills to successfully lead private, public and nonprofit organizations through fast-paced and ever-changing social and economic conditions. The curriculum also serves as the first year of training toward the A.A.S. degree in applied business.

Courses cover basic knowledge and skills, emerging technologies, advanced procedures and interpersonal skills. Potential careers for graduates include entrepreneurship, and entry-level positions in business management, tourism and human resources.

**UNDERGRADUATE PROGRAM**

**MAJOR**

Applied Business Management—Certificate

**Concentrations:** Computer Applications, Finance, General Business, Human Resources, International Business, Marketing, Public Management, Tourism

1. Complete the certificate requirements (page 30).
2. Complete 3 credits from one of the following communication courses:
   - CIOS 160—Business English (3)
   - CIOS 260—Business Communications (3)
   - ENGL 111X—Introduction to Academic Writing (3)
   - ENGL 212—Business, Grant, and Report Writing ......................... 3
3. Complete 3 credits from one of the following computation courses:
   - ABUS 155—Business Math (3)
   - CIOS 116—Business Math Using Calculators (3)
   - any MATH course at the 100-level or above (3) ............................ 3

University of Alaska Fairbanks
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Public Management
a. Complete the following:
   ABUS 235—Fund Accounting ............................................................... 3
   PS 100X—Political Economy ............................................................. 3
   PS 101—Introduction to American Government and Politics ............. 3
   PS 212—Introduction to Public Administration ................................. 3

Tourism
a. Complete the following:
   ABUS 158—Introduction to Tourism .................................................... 3
   ABUS 175—Customer Service ............................................................... 3
   ABUS 199—Practicum in Applied Business ........................................... 3
   ABUS 256—Small Hotel, Bed and Breakfast, and Lodge Operations (1-3)
       or ABUS 267—Transportation and Logistics Management (1-3)
       or ABUS 268—Rural Tourism: Planning and Principles (1-3)
       or ABUS 269—Food and Beverage Management (1-3) ................... 3

7. Minimum credits required .................................................................... 30

Note: Other courses specific to individual education and career goals may be
substituted with program approval.