WINTER 2024: March 4th to May 24th COURSE OFFERINGS (Asynchronous Delivery)

Olds College Course	Course Description	Course Materials	Olds College Program	AB Ed PSI Code
ACT 1012 Accounting Principles 2	This course is a continuation of ACT 1011 to allow for additional study of accounting at an introductory level. Topics include capital assets, long-term liabilities, partnership accounting, accounting for corporations, financial analysis techniques, as well as the cash flow statement using various technologies. **Students must have successfully completed ACT 1011**	Online Textbook Volume 2 Required Approx. cost $100.00 See details below in document	Business Management Diploma	PSI TBD 5 Credits
AHT 1140 Veterinary Practice: The Team Connection	Students will become familiar with the aspects of the service cycle within a veterinary clinic. Students will explore veterinary software and their specific application to operating a veterinary practice. They will apply communication skills to create positive experiences for veterinary clients.	No additional materials required.	Animal Health Technology Diploma	PSI 3224 5 Credits
ATG 1007 Electronics and Control Systems in Precision Agriculture	Students will investigate foundations of control systems, electronics and practical applications in precision farming. Through experiential learning, students will identify and troubleshoot components within hardware and devices, demonstrate uses/applications of geospatial technology, test control systems and their role in product application, evaluate hardware and software, program farm equipment, and demonstrate a proven process for identifying/troubleshooting components in Agricultural Technology equipment and interpret digital diagnostic data. *Windows PC running Windows 10 or higher on DESKTOP or LAPTOP Required*	See supply list on next page	Precision Agriculture Techgronomy Diploma	PSI 3225 5 Credits
HAT 1255 Global and Sustainable Tourism	Students will gain an understanding of the psychology of travel, tourism sectors, the role of key industry players, and contemporary issues in ecotourism, sustainability and business operations of various facilities, with a focus on the analysis of the service and operations from a guest perspective.	No additional materials required.	Hospitality & Tourism Management Diploma	PSI 3023 5 Credits
EVS 1210 Applied Ecology	Students will be provided an introduction to ecological principles at the species, population, community and ecosystem levels. Specific application of ecology to sustainability and the management of forest and grassland ecosystems are studied.	No additional materials required.	Land & Water Resources Diploma	PSI 3227 5 Credits
HORT 1500 Managing Landscapes	Students gain experience in managing landscape sites through acquisition and implementation of design principles, cultural practices of plant material, and advancing the sustainability of landscape environments to industry standards.	Four 8" pots Potting soil with fertilizer in it Scale capable of measuring grams with at least 1 decimal point Seeds will be mailed to the students.	Horticulturist Technologist Diploma	PSI 3212 5 Credits
SPM 1020 Training for Performance	Students will learn about various aspects of training for performance. They will analyze the basic science behind activity, energy systems, and macrocycles in sport training. Consideration will also be given to diverse populations, training facilities, equipment, schedules, budgets, as well as individual and team training preferences.	No materials need to be purchased.	Business Management Diploma -Sports Management Major	PSI 3250 5 Credits

Supply List:

ATG 1007 Electronics and Control Systems

**This course involves a lot of software downloads and ordering of materials listed below. We recommend that school divisions play a strong role in helping students manage acquiring these and monitoring closely that everything is working as needed through the duration of the course. The Olds College instructor is always available to assist further.

To incorporate some hands-on practical portions into both the classes and optional labs:

- A Digital Multimeter (found locally, at the school or on Amazon) Approximate cost $30

- An Arduino Starter Kit (this one from Amazon) (one per student if they will be studying individually) Approximate cost $40

- Students/School Divisions will be required to have these 2 items delivered within 2 weeks of the course starting

For computers and software:

- Students must have access to a Windows PC running Windows 10 (not a Mac or Chromebook)

- Google Earth Pro (sounds like you have that figured, but download link is at bottom of the page)

- QGIS Desktop - this can require some additional dependencies to be installed like Microsoft .Net or C++ (usually they auto install but sometimes it creates issues on managed PCs)

- Arduino IDE

- Ag Leader SMS Advanced (must choose 'Advanced' option during install. may also require some dependencies that should auto install)

- Excel or Google Sheets

- Word or Google Docs (students should be able to export PDFs to submit assignments)