

Dual Credit Online Course Offerings

FALL TERM

2023-2024

School Division Support Document



OLDS COLLEGE
OF AGRICULTURE & TECHNOLOGY

Dual Credit Online Course Offerings

FALL 2023

General Information for School Authority Staff:

- The key contact for Olds College is Jackie Taylor, Director of the Community Learning Campus for Olds College and Chinook's Edge School Division jtaylor@oldscollege.ca or jtaylor@cesd73.ca 403-507-7731.
- Erin Pelletier is the additional contact for Olds College Dual Credit organization epelletier@oldscollege.ca
- Each school division has one designated contact to coordinate dual credit with Jackie for a school division's dual credit participation. Please have your school division's dual credit contact connect with Jackie to coordinate programming. All school divisions must have a Dual Credit MOU with Olds College to access courses as per Alberta Education's Dual Credit Framework.
- School division key contacts will need to update their school division contact and invoicing information each year to Jackie Taylor.
- All student applications must be submitted by the key school division designate within the timeline required for registration. Applications not sent through the key school division designate will not be processed. Olds College uses a spreadsheet registration form that is only accessible by the key school division staff to input their student selections for dual credit enrollment.
- The 2023-2024 dual credit tuition fee is set at \$410.00 per three credit Olds College online course per student. This includes the additional \$15.00 per student per course will be charged to cover the service costs of a Moodle account and IT support. Additional material/textbooks fees may be required and will be communicated to school divisions in this document. Olds College has attempted to place as much of the course learning material as possible into the Moodle Classroom.
- Olds College online courses use Moodle and are for the most part asynchronous. An instructor may ask for the synchronous time with students which will be managed outside of the school day hours.
- A minimum of 10 students enrolled is required to run a course. The decision to run a course is based on minimum enrollment and will be made two weeks prior to the set start date of the course by Olds College. Olds College must secure contracts with instructors at this time.
- Registration is available to students from multiple school divisions. Availability of seats within the course will be based on a first come first serve basis. At this time, we have been able to meet all course registration wishes from all school divisions. If needed, we look to hire additional instructors.
- Invoices will be issued to the school division contact two weeks following the start date of a course. All students registered at this time will be processed for tuition payment.
- Possible extension of course learning: Olds College and CAREERS: The Next Generation are working together to try to bring greater opportunity and experience to career pathways. Students who have successfully completed dual credit programming may be able to extend their experience further. School Division key staff are encouraged to connect with Holly Bilton Email. hbilton@nextgen.org to discuss opportunities in your area.
- *All student registration must be completed in the spreadsheet registration form by the key school division designate and are due by Friday, September 15th.

Fall 2023: September 25th to December 15th COURSE OFFERINGS (Asynchronous Delivery)

Olds College Course	Course Description	Course Materials	Olds College Program	AB Ed PSI Code
ACT 1011 Accounting Principles 1	Students will gain an introduction to financial accounting focusing on the accounting cycle and the preparation of financial statements. Topics include accounting for merchandising activities, internal control, accounting for cash, temporary investments, accounts receivable, inventories, cost of goods sold, and current liabilities. Students should be comfortable with their math skills. We recommend a minimum of Math 10C completed prior to taking this course. Students who have Math 20-1 or 20-2 or higher will be well set for the course content.	Online Textbook 1 Volume Required Approx. cost \$100.00 Details below in document	Business Management Diploma	PSI 3071 5 Credits
AHT 1050 Intro to Veterinary Profession	Students will become familiar with selected animal health organizations and will adhere to the regulations of veterinary medicine in Alberta. Students are introduced to strategies and techniques for managing self and interacting with others. Students will examine animal welfare and ethical issues. This course provides students with foundational veterinary medical terminology they will use throughout their career.	No additional materials required.	Animal Health Technology Diploma	PSI 3047 5 Credits
ATG 1008 Solving Technology Problems *Synchronous time per week will be part of the course. Scheduled for a start time of 3:30/4:00. Day TBD.	Students will engage in the problem-solving process using current hardware and software tools for applied data-driven problem solving. Through data analysis, algorithmic problem solving, and technical memo writing students will work to solve a technical agricultural issue. Programming/Coding and Microsoft Excel spreadsheets (graphing/figures/charts) will be key skills learned and put into action making a Zumo robot perform a set task. Prior coding skill is not required but students should be comfortable with math (algebra and polynomials at minimum grade ten level). Math 10C should be completed as a minimum prior to taking this course. As well, students will require perseverance to work hard in the trial and error process involved with learning to program/code. Students will need to spend more time on an assignment if the coding requires further problem solving. **Great course for those looking to grow their technology skills and are looking at technology careers.	Material List provided on following page WINDOWS 10 or Higher Machine Required	Precision Agriculture Techonomy Diploma	PSI 3226 5 Credits
HRT 1700 Producing Horticulture Crops	Students research and assess food and ornamental field crop production markets, locations, materials, and processes to achieve a sustainable enterprise.	Materials List provided further below.	Horticulture Technologist Diploma	PSI 3213 5 Credits
MKG 1021 Marketing Principles	Students will develop an understanding of marketing concepts, principles and practices. Topics examined include the influence of environment factors on the marketing process, marketing strategy development, marketing mix formulation and adjustment for pricing, promoting and distributing appropriate products and services to selected markets.	No additional materials required.	Business Management Diploma	PSI 3022 5 Credits
SPM 1260 Introduction to Sports Management	Students will analyze various management models and organizational structures within the sport and recreation industry. Content areas include professional, amateur, Olympic, and intercollegiate sports.	No additional materials required.	Business Management Diploma Sports Management Major	PSI 3249 5 Credits

Supply List: ACT 1011 Accounting Principles 1

Students will require 1 online resource which are purchased on this [STORE LINK](https://www.amelearning.com/store/?filters=product_cat%5b88)
https://www.amelearning.com/store/?filters=product_cat%5b88

This will be an online resource with a PIN provided for access. Once purchased, this resource is non-refundable. Please make everyone aware of this and only order if the student is fully committed to taking the course.

Below is a screenshot of the ONLINE RESOURCE required. JUST order Key Accounting Principles Volume 1 6.0 (circled below). The required PIN access to the online materials will be released upon purchase and once this purchase is made, students will access the resource through their Olds College MOODLE classroom once the classroom opens on the first day of class. Students are purchasing an online PIN that is non-refundable. The online PIN provides access to the digital textbook, the digital workbook, and other online components including tutorials, quizzes, and homework. As well, students will need to set up their online AME Learning Account. These instructions are attached in a PDF and will be posted in Moodle for students. Each student must use their purchased PIN to set up the individual account. PINs cannot be shared by students as the PIN sets up only one student account where work and assessments are completed.

You are purchasing an online PIN which is non-refundable. The online PIN provides access to the digital textbook, the digital workbook and other online components including tutorials, quizzes and homework*. If you wish to purchase a physical textbook, you will need to do this through your campus bookstore. All new physical textbooks already include a one-time use PIN number located on the first page, so you will not need to purchase an online PIN.

*The self-paced courses for business learners include access to the digital textbook, tutorials and quizzes.

CHOOSE AN INSTITUTION TO SEE ITS COURSES

Olds College (2)

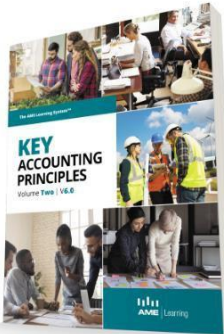


Olds College

**KEY ACCOUNTING PRINCIPLES
 VOLUME 1 6.0 – ONLINE ACCESS
 CODE [INCLUDES EBOOK]**

CAD\$ 99.00

Buy now



Olds College

**KEY ACCOUNTING PRINCIPLES
 VOLUME 2 6.0 – ONLINE
 ACCESS CODE [INCLUDES
 EBOOK]**

CAD\$ 99.00

Buy now

Supply List:

ATG 1008 Solving Technology Problems

- Zumo Arduino Robot: [Zumo Robot for Arduino \(Assembled with 75:1 HP Motors\)](#)
- Arduino Uno R3: Either the official branded Arduino Uno (<https://store.arduino.cc/usa/arduino-uno-rev3>), OR any Arduino Uno R3 compatible model (https://www.amazon.ca/Elegoo-Board-ATmega328P-ATMEGA16U2-Arduino/dp/B01EWOE0UU?ref_=ast_sto_dp) will work. The latter is often half the price and ships more reliably.
- AA batteries for the robots (could be up to 8 because they are likely to burn out at least one set with robot use)
- A longer USB A to B cable than is sometimes provided with the arduino, sometimes not included depending where it's ordered from, because the students will need to maintain connection with the computer as the robot moves: <https://www.memoryexpress.com/Products/MX184>
- Magnetic compass (smart phone may have this)
- The software is free and can be found here: <https://www.arduino.cc/en/software>
- Microsoft Windows based computer
- Large posters will need to be sent to schools for the testing of the robots later in the course. Printing and shipping costs will apply. We will communicate this to the school division once the course begins and the exact posters are determined by the instructor.

ATG 1008: Important to know for student success

Coding and Microsoft spreadsheets (graphing/figures/charts/basic stats) will be key skills learned in the course that are put into action with the Zumo robot.

Prior coding skills are not required but students should be comfortable with math (algebra and polynomials at minimum grade ten level) and working hard in the trial and error process involved with learning to code. We recommend that students have completed Math 10C at a minimum. Students may need to spend more time on an assignment if the coding requires problem solving. This may need a little extra commitment by the student to be successful. Our instructor is confident that students with a strong work ethic who will not stop until the coding issue is solved will do well in the course. This work ethic is key for the course's final project.

Lessons will have video lectures and all lessons/assignments/assessments are tracked and record completion. Students will have very clear step by step weekly tasks to complete.

One synchronous class per week will run in after school hours to provide direct instruction and guidance for the learners.

Supply List:

Horticulture 1700 Producing Horticulture Crops

*Students (with the support of their school to ensure all is in place) must secure the below items ahead of the course start date. The seed packages mentioned below will be mailed out to students from Olds College.

- 6 x 10" round plastic pots. Sold as "Grower Planter, Green" at Canadian Tire for approx. \$3.49 each
- Grower Plant Saucers also advised (you can also use pie pans; this is to protect your window sill from dripping water)
- Miracle Grow or similar potting mix (needs fertility, either fertilizer or compost). Approx. a 1 cubic foot or 28L bag of potting soil should be adequate.
- Watering can with a breaker end (can evenly spread the water out over a larger area)
- Any type of labeling system (can be as simple as tape and marker as long as it will stick if it gets a little wet)
- An open window, ideally south facing for maximum winter sun exposure (a school with greenhouse space or grow-lights will get best results)
- Ruler
- Scissors/Knife for harvesting
- Kitchen scale measuring to grams, no decimals required...
- Plastic bags, Ziploc type sandwich is best
- Seeds will be mailed from Olds College. Seeds are provided free of cost, though shipping rates apply - Olds College will charge \$10 per student for postage
- Ability to take photo's (cell phones are fine)

Additional Dual Credit Online Course Information

Who can apply for these dual credit courses (Grade level)?

Students in Grade 10 to 12 can apply. Each school district will look at the appropriateness of the course for a student, the probability that the student will meet the prerequisites for the diploma program as detailed below, and the ability of the student to be successful in this online format.

What are the high School prerequisites needed in order to enter these diploma programs after high school?

To take these dual credit courses, high school students should be on the pathway to graduate from high school with the admission requirements specific to each program that a course belongs to. We know that a high school student may not yet have these courses completed at the time of taking the dual credit course. We do ask that the school division be fairly confident that the student is on track to complete these prerequisites upon graduation. It will be the responsibility of the school division to assess the appropriateness of a student for success in these courses.

Below are the links to each program website page where the adult admission prerequisites are detailed. These pages are an excellent resource to talk with students about the Olds College programs and review the high school courses required if a student wishes to apply to one of these programs after high school graduation. There is fantastic information and videos shared about the programs through each of these links.

- Hospitality & Tourism Diploma <https://www.oldscollege.ca/programs/service-industry/hospitality-tourism/index.html>
- Animal Health Technology Diploma <https://www.oldscollege.ca/programs/animal-science/aht/index.html>
- Precision Agriculture: Techgronomy Diploma <https://www.oldscollege.ca/programs/ag-technology/precision-agriculture-techgronomy-diploma/index.html>
- Land & Water Resources Diploma <https://www.oldscollege.ca/programs/land-environment/land-water-resources/index.html>
- Horticulturist Technologist Diploma <https://www.oldscollege.ca/programs/horticulture/horticulture-technologist/index.html>
- Business Management Diploma – Sports Management Major <https://www.oldscollege.ca/programs/business/sports-management-major/index.html>

Preparing and supporting a student for dual credit course success

About a week prior to the course, all registered students will receive an email to the email address provided on the student application form. In this email there will be instructions on how to access the student's new course account in Moodle – the online learning management system at Olds College. This email will provide instructions on how to log in, update passwords, and provide the staff contacts at Olds College who can be contacted if students are having difficulty. This email gives students a full week to log in, find their way around, and find out if they have any trouble. It is very important that the key teacher contact supports the student in becoming familiar with Moodle before the course begins.

On the first day of a course, students will be able to view and access their course in Moodle. The front page of the

course has resources that explain how to navigate the platform, in addition our instructors are accessible by email and they log in regularly to ensure students are working through the online course in a timely manner (and completing assignments and tests on time).

It is very important that the key teacher contact has assisted the student through these first steps and let us know if any additional help is needed. We also encourage the key teacher contact and student meet weekly to review course expectations and monitor student completion and success of assignments and assessments. Co-accessing the student's Moodle account is recommended.

These courses will likely require 4+ hours of focus from a student each week depending on the level of assignments or assessment at any given time. Students need to be prepared for this level of work and expectation and attend to the learning each week. It is important to remember that these courses do move quickly and are completed in 12 weeks.

Where will the courses be taught? What time will the courses occur?

These courses are delivered completely online and are asynchronous. Student schedules can be flexible in taking these courses and fit them into the blocks that work best for their high school schedule.

How many Olds College credits will be earned?

Each course is three post-secondary college credits.

What is the CTS credit equivalent?

The course code approval with Alberta Education has awarded each of these courses five high school PSI (post-secondary institute) credits for the successful completion of each course.

Is there a required GPA needed in order to receive post-secondary credit? Students are considered to have passed and thus receive credit if they achieve a grade of D or higher. Although a D is equivalent to a 1.0 GPA. See Olds College D19 Grading Policy.

<https://www.oldscollege.ca/Assets/external/about-us/governance/policies/student-academic/Grading.pdf>

What is the last day a student can withdraw from the course to receive a W on their transcript?

Withdrawal from the course will be accepted up to the last scheduled day of the course with a provided form filled in by the school division key contact. A student will receive a W on their transcript.

Who will teach the courses?

An Olds College contract instructor will teach the course and will be assigned at the time the course is determined to meet the minimum enrollment number. Most of our instructors in dual credit are also the program instructors for the adult programming.

Transferability of Olds College courses to other institutions

Olds College programming is unique and provides for a focused quality education resulting in industry specific post-secondary certificates and diplomas. As a result, a single course at Olds College is not often directly transferable to another institution.

Program agreements that do exist with other institutions are on the Olds College website at <https://www.oldscollege.ca/admissions/office-of-the-registrar/articulations-and-agreements/index.html>

Course agreements with other institutions can be found at Transfer Alberta, as well single courses from Olds College can be explored to see if they will transfer elsewhere.
<http://transferalberta.alberta.ca/transfer-alberta-search/#/audienceTypeStep>

Important to note though, just because an agreement with another institution is not in place for transferability does not mean a course will not transfer! A student can ask the post-secondary institution they will be attending to review the course. The student would need to check with the institution's Registrar's Office and ask about the process for a transfer credit review and assessment. On a case by case basis, an institution can decide to accept credits from a previous post-secondary institution.