



**UNIVERSITY OF ALBERTA**  
Faculty of Nursing Undergraduate Programs  
**BScN COLLABORATIVE PROGRAM**  
Grande Prairie Regional College, Keyano College,  
Red Deer College, University of Alberta

**NURS 311: Keyano College**  
**Evidence Informed Nursing Practice**  
**COURSE OUTLINE**

**Note: students are expected to familiarize themselves with this course outline,  
the BScN Program Student Handbook and Moodle site.**

## Calendar statement

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★3 (fi 6) (either term, 3-0-0) The course provides a hands-on approach to evidence-informed nursing practice. This includes formulating clinical questions, systematic searching of electronic databases, reading, interpreting and critically appraising health research. Emphasis is on developing thinking and information literacy skills necessary to be an astute research consumer and using evidence to inform clinical decision making. Note: Available only to nursing students in the Collaborative/Honors Program, After Degree/After Degree Honors Program or RPN-BScN Program. Prerequisite for Collaborative/Honors Program students: NURS 211 (or NURS 341). Credit may be obtained for only one of NURS 311 or 301.

## Course hours (for this term)

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Lecture: 45 hours

Seminar: 0

Lab: 0

## Learning Outcomes

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**Upon completion of this course, the student will be able to:**

1. Describe the nature and sources of knowledge that inform nursing practice.
2. Demonstrate understanding of research ethics and the nurses role in relation to research ethics
3. Demonstrate information literacy skills (for example, formulation of searchable clinical questions and conducting searches of relevant databases).
4. Demonstrate understanding of quantitative, qualitative, and mixed-method research design.
5. Critically appraise primary research and research syntheses.
6. Explain how evidence is used to inform clinical decision-making.

## Course contacts (please refer to the contact list for this course on eClass)

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Title	Name	Office number	Phone number	email
Teaching Team Lead	Melissa Brown	N/A	780-972-6830	Melissa.Brown@keyano.ca

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### Note:

- Please allow 2 business days for a response. Include your course name in your subject line.
- Professional and respectful communication is expected.

### Communication:

It is the students' responsibility to ensure that they check Moodle courses at minimum of twice daily, once in morning and evening. It is recommended to check Moodle more frequently. It is the students'

responsibility to ensure thorough review of all resources and content on the Moodle course site. The instructors have placed many resources and documents to ensure the students' success in each course.

Instructors will communicate with the student group by announcements in the news forum on Moodle. Please ensure that you check this at least twice daily.

It is the students' responsibility to check their Keyano College email at minimum of twice daily, once in morning and again in evening. It is recommended to check email more frequently. Please note that the method to contact your instructor is email. Please allow a 48-hour minimum response time from your instructor on business days. Instructors will not be checking emails on evenings and weekends/holidays. Do not text or call your instructor unless you will be absent for clinical that day; inquiries related to assignments and course content will be sent in an email to your instructor.

## Required textbooks

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**All students will be required to have access to the previously purchased Elsevier bundle. This will include access to the following required textbook (4<sup>th</sup> or 5<sup>th</sup> edition):**

LoBiondo-Wood, G., Haber, J., Cameron, C., & Singh, M.D. (Eds.). (2018). *Nursing research in Canada: Methods, critical appraisal and utilization for evidence-based practice* (4th ed.). Toronto, ON: Elsevier Canada.

OR

Singh, M. D., Thirsk, L. M., Lobiondo-Wood, G., & Haber, J. (2022). *LoBiondo-Wood and Haber's nursing research in Canada: Methods, critical appraisal, and utilization*. (S. Stahlke & R. V. Perumal, Eds.) (5th ed.). Elsevier.

## Required supplies

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None

## Required fee(s)

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None

## Supplemental Textbooks & Resources

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Please refer to Moodle for this course site.

## Course evaluation

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Assignments/Course components	Dates	Weight	Course objectives no.
1. Participation in Self-study Learning Activities	See Timetable	10%	2, 3
2. Assignment 1: Part A	See Timetable	5%	3
3. Assignment 1: Part B	See Timetable	20%	1, 3, 4, 5, 6
4. Assignment 1: Part C	See Timetable	10%	1, 3, 4, 5, 6,
5. Mid-term exam	See Timetable	20%	1, 2, 3, 4, 5, 6
6. Final Examination	See Timetable	35%	1, 2, 3, 4, 5, 6

## Assignments descriptions

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### 1) Participation in Self-Study Learning Activities

Complete the self-study learning activities on Moodle.

### 2) Assignment 1: Part A:

Formulate a PICO(T) question related to a nursing concern. Please see resources below for how to write a PICO(T) question. All PICO(T) questions must be approved by instructors before moving on the part B or C.

Your question must reflect issues or problems a practicing nurse may encounter. If additional support from the course librarian is needed, you are to arrange this on your own time. For inspiration, you may consider formulating a question based on one of the following topics. You are not obligated to use these topics.

- Elder Care
- Child Health
- Medication Errors
- Mental Health
- Coping with Cancer
- Vulnerable Populations
- Injury Prevention

Resources for writing PICO(T) questions:

<https://libraryguides.nau.edu/c.php?g=665927&p=4682772>

<https://libguides.ggc.edu/NURS/PICOT>

3) **Assignment 1: Part B:**

Compose a scholarly paper exploring your PICO(I) question in detail. Analyze and synthesize relevant scholarly research that pertains to your topic. Where applicable, discuss theoretical and ethical foundations of the chosen concept/issue along with relevant determinants of health.

Formatting should abide by APA 7th edition guidelines. See Marking Guide for additional guidelines.

4) **Assignment 1: Part C:**

The annotated bibliography is to include two current, peer-reviewed, relevant research journal articles used to support your paper. The annotated bibliography is to be APA formatted. Websites do NOT count as journal articles. Journal articles MUST be submitted with the assignment and MUST be primary sources. Do not choose any type of review, synthesis, instrument testing, meta-analysis. See Marking Guide for additional guidelines.

5) **Mid-term exam:**

Focused on material presented earlier in the term. 50 multiple choice questions with 90 minutes to write.

6) **Final Examination:**

Cumulative exam at end of course. 80 multiple choice questions with 150 minutes to write.

## Final grades

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The assignments are marked as raw scores according to the percentage weight assigned to each. The marks on course assignments will contribute to the overall letter grade according to the percentage that each assignment is weighted in the course. At the end of the course, all assignment scores are totaled for a term summary mark in the course based on the grading scale below. The FINAL COURSE GRADE is based on the cumulative total of individual student's weighted assignment marks.

### Keyano College Percentage-Alpha Grading System

Descriptor	Percentage Scale	Alpha Scale	GPA
<b>Excellent</b>	96-100	A+	4.0
	90-95	A	4.0
	85-89	A-	3.7
<b>Good</b>	80-84	B+	3.3
	76-79	B	3.0
	72-75	B-	2.7
<b>Satisfactory</b>	68-71	C+	2.3
	64-67	C	2.0
<b>Minimum Pass</b>	60-63	C-	1.7

<b>Poor</b>	55-59	D+	1.3
	50-54	D	1.0
<b>Failure</b>	0-49	F	0.0

## Student Responsibilities

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It is your responsibility as a student to contact the Office of the Registrar to complete the forms for Withdrawal or Change of Registration, and any other forms. Please refer to the list of important dates as noted in the Academic Schedule in the [Keyano College credit calendar](#). The Keyano College credit calendar also has information about Student Rights and Code of Conduct. It is the responsibility of each student to be aware of the guidelines outlined in the Student Rights and Code of Conduct Policies.

## Student Attendance

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Class attendance is useful for two reasons. First, class attendance maximizes a student's learning experience. Second, attending class is a good way to keep informed of matters relating to the administration of the course (e.g., the timing of assignments and exams). Ultimately, you are responsible for your own learning and performance in this course.

It is the responsibility of each student to be prepared for all classes. Students who miss classes are responsible for the material covered in those classes and for ensuring that they are prepared for the next class, including the completion of any assignments and notes that may be due.

## Academic Misconduct

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Students are considered to be responsible adults and should adhere to principles of intellectual integrity. Intellectual dishonesty may take many forms, such as:

- Plagiarism or the submission of another person's work as one's own;
- The use of unauthorized aids in assignments or examinations (cheating);
- Collusion or the unauthorized collaboration with others in preparing work;
- The deliberate misrepresentation of qualifications;
- The willful distortion of results or data;
- Substitution in an examination by another person;
- Handing in the same unchanged work as submitted for another assignment; and
- Breach of confidentiality.

The consequences for academic misconduct range from a verbal reprimand to expulsion from the College. More specific descriptions and details are found in the Student Rights and Code of Conduct section of the

Keyano College credit calendar. It is the responsibility of each student to be aware of the guidelines outlined in the Student Rights and Code of Conduct Policies.

In order to ensure your understanding of the concept of plagiarism, you must successfully complete the online tutorial found on [ilearn.keyano.ca](http://ilearn.keyano.ca). Then print the certificate, sign it, and show it to each of your instructors. Your course work may not be graded until you show this signed certificate.

## Specialized Supports

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The Student Services department is committed to Keyano students and their academic success. There are a variety of student supports available at Keyano College. Due to the continuing situation with the Covid-19 pandemic, the offered support services will be implemented differently this semester by being provided mostly virtually. In-person service can be requested as needed. All Alberta Health Services guidelines will be followed for in-person appointments—wear a mask, maintain two meters of physical distance, use hand sanitizer, and stay home if you are unwell.

All student services are available during Keyano business hours: Monday to Friday, 8h30-16h30. The College is closed for statutory holidays. If you require support outside of regular business hours, please inform the support service team, and we will do our best to accommodate your needs.

**Accessibility Services:** provides accommodations for students with disabilities. Students with documented disabilities, or who suspect a disability, can meet with a Learning Strategist to discuss their current learning barriers and possible accommodations. Students who have accessed accommodations in the past are encouraged to contact us to request them for the semester. Please note that requesting accommodations is a process and requires time to arrange. Contact us as soon as you know you may require accommodations. For accessibility supports and to book an appointment, please contact [accessibility.services@keyano.ca](mailto:accessibility.services@keyano.ca).

Accessibility Services also provides individual and group learning strategy instruction for all students, as well as technology training and supports to enhance learning. Meet with a Learning Strategist to learn studying and test-taking strategies for online classes. Schedule an appointment with the Assistive Technology Specialist to explore technology tools for learning. Book an appointment today by emailing [accessibility.services@keyano.ca](mailto:accessibility.services@keyano.ca)

**Wellness Services:** offers a caring, inclusive, and respectful environment where students can access free group and individual support to meet academic and life challenges. Mental Health Coordinators offer a safe and confidential environment to seek help with personal concerns. Students may access services virtually and in-person.

Wellness Services welcomes students to participate in any of the group sessions offered throughout the academic year addressing topics including mindfulness and test anxiety.

Individual appointments can be made by emailing [wellness.services@keyano.ca](mailto:wellness.services@keyano.ca).

**Library Services:** provides students with research and information supports as they engage in their studies. Library staff are available to support you both online and in-person throughout the semester. For a detailed list of library supports and services, go to [www.keyano.ca/library](http://www.keyano.ca/library). For all inquiries, please email [askthelibrary@keyano.ca](mailto:askthelibrary@keyano.ca) or chat with us online.

Begin your research with the Library's FIND page. Search for information and sources for your assignments using the OneSearch, the Library's Catalogue, or by searching in a specific database selected from the A-Z Database List.

Individual support with us is available. For support with citations, research and other information needs, appointments can be booked using the online Book A Librarian Calendar. For support with Moodle, educational tools for assignments, Microsoft Office, Zoom, Teams and more, book an appointment using the online Educational Technology Support Calendar.

Research and subject guides are helpful resources when beginning your research, assignment, using new educational technology, or addressing other information needs. To view a subject or course-specific guide, check out the complete listing of online [Subject Guides](#).

To access additional research resources, including Citation Guides (APA, MLA, Chicago, or IEEE), go to the [Research Help Library page](#).

The Loanable Technology collection is available to support students in their learning pursuits, whether online, in person or both. Items available for borrowing include mobile projectors, webcams, noise-cancelling headphones, Chromebooks, and laptops. For an up-to-date list of technology available for borrowing as well as support available, go to the Library's [Loanable Technology webpage](#).

**Academic Success Centre:** The Academic Success Centre is a learning space in the Clearwater Campus (CC-119) at Keyano College. Students can gather to share ideas, collaborate on projects, get new perspectives on learning from our Academic Content Specialists, or use the Centre's educational resources. The Academic Success Centre provides academic support services to students registered in credit programs at Keyano College in the form of individual tutoring, writing support groups, facilitated study groups, workshops, and study space. Services are **free** to Keyano students.

Academic Content Specialists are available in the areas of Math, Science, Human Services, and English/Humanities. This covers all courses offered at Keyano. The Academic Success Coach can also be found in the Academic Success Centre.

For the most up to date information on how to book a session, please view [the Keyano Academic Success Centre homepage](#).

**Academic Integrity:** The goal of the Academic Success Centre is to foster a student's ability to learn effectively and independently. Students registered at Keyano College are welcome to drop by the Centre to visit with any of our Academic Content Specialists to discuss their academic concerns.

**Availability:** Monday to Friday: 8:30 a.m. – 4:30 p.m. Flexible times may be available upon request. Virtual and in-person sessions, please email to get in contact with our Academic Content Specialists. For the most up to date information on how to book a session, please view the [Academic Success Centre homepage](#).

**Academic Success Coach:** offers you support and access to resources for your academic success to help you to find the Keys to your Success. The Academic Success Coach will work with you to develop an academic success plan, develop your study and time management skills, and connect you with the right resources here at Keyano.

<mailto:academic.success@keyano.ca><mailto:accessibility.services@keyano.ca>[Academic.success@keyano.ca](mailto:Academic.success@keyano.ca) is the best way to access resources during blended service delivery. The Academic Success Coach is located in the Skill Centre in CC-119 at the Clearwater Campus.

## E Learning

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Technology and internet will impact your online learning experience. It's important that you can watch an online video and other course materials, take online quizzes and participate in a live class with your instructor and other students. Live/virtual classes will be hosted in Microsoft Teams or Zoom.

For all course delivery types, you will access your course resources on Keyano's learning management system, [Moodle \(iLearn\)](#). Login in using your [Keyano username and password](#).

Keyano College operates in a Windows based environment, and having the correct tools for online learning is important. Here's a list of recommended system requirements.

### Internet Speed

Minimum Internet speeds of 10 Mbps.

Recommended Internet speeds of 25 Mbps (especially if you are sharing your internet at home).

Check your internet speed with [Fast.com](#).

**System requirements:**

Microsoft Windows	Apple
<p><b>Minimum Requirements:</b></p> <ul style="list-style-type: none"> <li>· A Windows 10 <b>computer/laptop</b></li> <li>· Minimum 4GB of RAM.</li> <li>· 10GB+ available hard drive storage.</li> <li>· Enough available hard drive space to install the Microsoft Office suite (approximately 3GB). <a href="#">Microsoft Office</a> software is free to all Keyano students and employees.</li> <li>· Microphone, webcam and speakers. A headset with a microphone is recommended.</li> <li>· System updates must be regularly installed.</li> <li>· Anti-Virus / Anti-Malware software</li> </ul>	<p><b>Minimum Requirements:</b></p> <ul style="list-style-type: none"> <li>· A Macintosh (V10.14 and above) <b>computer/laptop</b></li> <li>· Minimum 4GB of RAM.</li> <li>· 10GB+ available hard drive storage.</li> <li>· Enough available hard drive space to install the Microsoft Office suite (approximately 3GB). <a href="#">Microsoft Office</a> software is free to all Keyano students and employees.</li> <li>· Microphone, webcam and speakers. A headset with a microphone is recommended.</li> <li>· System updates must be regularly installed.</li> <li>· Anti-Virus / Anti-Malware software.</li> </ul>
<p><b>Recommended Requirements</b></p> <ul style="list-style-type: none"> <li>· 8GB of RAM</li> <li>· A method of backing up/synchronizing to local or cloud-based storage such as OneDrive is highly recommended. This is included if you complete the setup of KeyanoMail and download MS Office using your Keyano email for free.</li> </ul>	<p><b>Recommended Requirements</b></p> <ul style="list-style-type: none"> <li>· 8GB of RAM</li> <li>· A method of backing up/synchronizing to local or cloud-based storage such as OneDrive is highly recommended. This is included if you complete the setup of KeyanoMail and download MS Office using your Keyano email for free.</li> </ul>
<p>Chromebooks are <b>not</b> recommended as they are not compatible with testing lockdown browsers.</p> <p>A Microsoft Surface or iPad or iPad Pro may be possible alternatives in some program areas.</p>	

**Specific Department Requirements:**

Business and OA programs require Windows 10.  
Other programs may utilize Windows based tools as well.

**Computer Software**

Students will be able to get access to Microsoft Office 365 for free using Keyano credentials by [clicking here](#).

## **Recording of Lectures and Intellectual Property**

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Students may only record a lecture if explicit permission is provided by the instructor or by Accessibility Services. Even if students have permission to record a lecture or lecture materials, students may not share, distribute, or publish any of the lectures or lecture materials, this includes any recordings, slides, instructor notes, etc. on any platform. Thus no student is allowed to share, distribute, publish or sell course related content (instructor, or students) without permission. It is important to recognize that the Canadian Copyright Act contains provisions for intellectual property. The [Academic Integrity Policy](#) provides additional information on Keyano College's expectations from students as members of the intellectual community.

## **ITS Help Desk**

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If you are having issues with your student account, you can contact the ITS Helpdesk by emailing [its.helpdesk@keyano.ca](mailto:its.helpdesk@keyano.ca) or calling 780-791-4965.

### ASSIGNMENT 1: PART A PICO(T) QUESTION MARKING GUIDE

	<b>Criteria</b>	<b>Grade</b>
PICO(T) Question	<ul style="list-style-type: none"><li>• Question follows PICO(T) format</li><li>• Most relevant factors are considered, no major oversights in question design</li><li>• Question is directly related to nursing</li></ul>	
Instructor Notes:		

## ASSIGNMENT 1: PART B SCHOLARLY PAPER MARKING GUIDE

	Criteria	Weight (%)	Grade
Application to Nursing	<ul style="list-style-type: none"> <li>• Establishes the relevance of the question by supporting with literature</li> <li>• Literature is scholarly and no older than 7 years</li> </ul>	15%	
Review of the Literature	<ul style="list-style-type: none"> <li>• Appropriately curates high quality information relevant to the proposed question</li> <li>• Appropriately synthesizes research to answer the proposed question</li> <li>• Compare and contrast findings in the literature</li> <li>• Demonstration of the of ambiguity and diversity within nursing practice</li> <li>• Discusses theoretical and ethical foundations of the chosen concept/issue when applicable</li> <li>• Accurately describes and applies relevant determinants of health, supported by research</li> </ul>	45%	
Conclusion	<ul style="list-style-type: none"> <li>• Appropriately summarizes findings</li> <li>• Discusses implications for nursing practice</li> <li>• Provides suggestions for future nursing practice/areas of research</li> </ul>	10%	
Writing & APA	<ul style="list-style-type: none"> <li>• Paper is organized, ideas arranged logically and flow smoothly</li> <li>• Not over page limit of 5 pages</li> <li>• Scholarly references used throughout the paper</li> <li>• References &lt;7 years old</li> <li>• Follows APA guidelines and standard English</li> <li>• No grammatical, spelling, punctuation, usage, or formatting errors</li> <li>• Minimal use of direct quotations, used only when relevant and incorporated well into body of text.</li> </ul>	10%	
Total Grade			
Instructor Notes:			

## ASSIGNMENT 1: PART C ANNOTATED BIBLIOGRAPHY MARKING GUIDE

	Criteria	Weight (%)	Grade
Article Selection	<ul style="list-style-type: none"> <li>• Two journal articles are reviewed and submitted to instructor</li> <li>• Journal articles are peer-reviewed and applicable to Canadian population</li> <li>• Articles reflect <i>primary</i> qualitative or quantitative research</li> <li>• Concise summary of article</li> <li>• Clear explanation of relevance of article to PICO(T) question</li> </ul>	20%	
Article Analysis	<ul style="list-style-type: none"> <li>• Able to accurately reflect journal content</li> <li>• Clear evidence of paraphrasing and no plagiarism</li> <li>• Analysis of the reliability and validity of the journal article with attention to strengths and weaknesses</li> </ul>	70%	
APA and Formatting	<ul style="list-style-type: none"> <li>• No APA errors</li> <li>• Journal Articles are no older than 7 years</li> <li>• All sources of information are clearly identified and credited using APA citations</li> </ul>	10%	
Instructor Notes:			

