NURSING FOUNDATIONS VI: COMMUNITY NURSING

3 credits, 45 hours

NURSING FOUNDATIONS VI: COMMUNITY NURSING * Semester II

This nursing course provides the learner with theories of family and community to acquire the knowledge and skill required to promote the health and well-being of populations within the community. The course emphasizes the importance of collaboration between the interdisciplinary health-care team, families, and communities to achieve safe, evidence-informed community nursing practice. The learner will build upon previous nursing knowledge and related theory in adapting the nursing approach to the care and health promotion of the family and community using the nursing metaparadigm and nursing process. Trends and issues in the care of families and communities will also be explored.

Instructor
Fatima Legrou
CC187I
780-791-8921
Fatima.legrou@gmail.com

Office Hours
Mond-Thursday : 0830-1600

Hours of Instruction
45 Hours

Required Resources


Internet Resources to Supplement Text Readings
Alberta Health and Wellness website at www.health.gov.ab.ca
Boyle Street Community Services website at http://boylestreet.org
College of Licensed Practical Nurses of Alberta website at www.clpna.com
Course Outcomes

Upon successful completion of the course, the student shall be able to:

1. Examine the role of the practical nurse as part of the interdisciplinary health-care team in the community.

2. Integrate the nursing metaparadigm, nursing theory, and related knowledge into community nursing.

3. Explain the concepts of health promotion and population health within community nursing.

4. Examine ways to create a culture of safety in community nursing.

5. Apply the nursing process to the community as client.

6. Integrate concepts of nurse-client synergy to community nursing care and health promotion.

7. Apply principles of teaching and learning related to the community as client.

8. Examine the legal and ethical principles in the care of the community as client.

9. Examine the concept of cultural competence in the community setting.

10. Apply knowledge of documenting, reporting, and recording of pertinent client information to community nursing.

11. Integrate professionalism and leadership to the community as client.

12. Incorporate research findings in evidence-informed practice in the delivery of community nursing care.

Evaluation

<table>
<thead>
<tr>
<th>THEORY</th>
<th>Exam Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Midterm Exam multiple choice</td>
<td></td>
</tr>
<tr>
<td>Demonstrate knowledge of course content</td>
<td>25% January 17, 2022</td>
</tr>
<tr>
<td>(Units 1–4)</td>
<td></td>
</tr>
<tr>
<td>Assignment 1</td>
<td></td>
</tr>
<tr>
<td>Health Promotion/Injury Prevention Resource</td>
<td>20% January 20, 2022</td>
</tr>
<tr>
<td>Assignment 2</td>
<td></td>
</tr>
<tr>
<td>Building Your Professional Portfolio</td>
<td>10% January 26, 2022</td>
</tr>
<tr>
<td>Assignment 3</td>
<td>Forums Posting</td>
</tr>
<tr>
<td>Final Exam cumulative; multiple choice</td>
<td>Demonstrate knowledge of all 40% January 28, 2022</td>
</tr>
<tr>
<td></td>
<td>course content</td>
</tr>
</tbody>
</table>

This is a theory course. Students must complete all assignments and examinations to receive a final grade. Students will not be allowed to rewrite assignments or exams to raise their grade.

To receive credit for Nursing Foundations V, a learner must achieve each of the following:

- A minimum overall grade of 1.7 (C–) or 60%

Grading System

Overview of 4.0 Point Alpha and Numeric Grading System

<table>
<thead>
<tr>
<th>Descriptor</th>
<th>Alpha Scale</th>
<th>4.0 Numeric Scale</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excellent</td>
<td>A+</td>
<td>4.0</td>
<td>96-100</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>4.0</td>
<td>90-95</td>
</tr>
<tr>
<td></td>
<td>A-</td>
<td>3.7</td>
<td>85-89</td>
</tr>
<tr>
<td>Good</td>
<td>B+</td>
<td>3.3</td>
<td>80-84</td>
</tr>
<tr>
<td></td>
<td>B</td>
<td>3.0</td>
<td>76-79</td>
</tr>
<tr>
<td></td>
<td>B-</td>
<td>2.7</td>
<td>72-75</td>
</tr>
<tr>
<td>Satisfactory</td>
<td>C+</td>
<td>2.3</td>
<td>68-71</td>
</tr>
<tr>
<td></td>
<td>C</td>
<td>2.0</td>
<td>64-67</td>
</tr>
<tr>
<td></td>
<td>C-</td>
<td>1.7</td>
<td>60-63</td>
</tr>
<tr>
<td>Poor</td>
<td>D+</td>
<td>1.3</td>
<td>55-59</td>
</tr>
<tr>
<td>Minimum Pass</td>
<td>D</td>
<td>1.0</td>
<td>50-54</td>
</tr>
<tr>
<td>Failure</td>
<td>F</td>
<td>0</td>
<td>0-49</td>
</tr>
</tbody>
</table>
COURSE ASSESSMENT

Assessment of mastery of the content of Nursing Foundations VI: Community Nursing will be determined through the learner meeting expectations for the following:

- Development of a Health Promotion/Injury Prevention Teaching Resource and Analysis paper
- Building your professional portfolio
- Forums Posting
- Midterm exam
- Final cumulative exam

Assignment 1: Health Promotion/Injury Prevention Teaching Resource and Analysis Paper

In this assignment, you will have the opportunity to do each of the following:

- Create a health promotion or injury prevention resource addressing an issue in your community.
- Complete an analysis paper of the teaching resource.

Through this assignment, you will create a health promotion or injury prevention resource addressing a health issue in your community using a method of your choice (e.g., pamphlet/brochure, PowerPoint presentation, poster presentation, radio/TV commercial or webpage). The resources need to be appropriate as a teaching resource for your target audience.

*See Appendix A for Marking Guide

Instructions

1. Choose a group/population in your community and assess the client for health promotion/injury prevention health education needs.

2. Choose a health issue to target for this audience and describe why this is an issue for this group.

3. Use research for evidence-informed practice as part of the assessment and health promotion/injury prevention strategies pertinent to the target audience. Develop a teaching strategy based on assessment and “at risk” health behaviour. Apply teaching and learning principles in the learning resource.

4. Describe how to evaluate the members of the target audience to identify whether strategies were successful. Choose three questions the target audience will answer to evaluate your teaching resource.

5. Develop resource:
   - Use method of your choice (PowerPoint presentation, poster presentation, radio/TV commercial or webpage).
   - Your instructor must preapprove alternate ideas for resources.
   - Assure the resource is appropriate to reach the learning needs of the target audience based on your assessment. Include a smart goal for your target audience.

6. Complete an analysis paper including the following:
• The paper should be 5–6 pages in length minimum. It must be typewritten (word-processed) and follow APA 7th edition format.
• Include a title page.
• Headings – Research, Teaching Resource and Evaluation
• A brief description of the target audience, background information, current prevalence of the issue, magnitude of the problem, and factors influencing the problem
• Identification of three “at-risk behaviours” or factors
• A brief description of your learning/teaching strategy
• Discussion on the development of your teaching method and tool based on assessment and “at-risk” health behaviour
• Description of the resource developed
• Your plan for evaluation of the resource (questions for participants to answer – minimum three) and a self-evaluation (one strength and one suggestion for improvement identified)
• An APA-format reference list. Include minimum of three (3) references, with one being a current nursing journal.
• The teaching resource will be presented in the classroom.

Submit the marking guide with your assignment.
**APPENDIX A**

*Marking Guide for Assignment 1*


<table>
<thead>
<tr>
<th>KEY CONTENT</th>
<th>MARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>RESEARCH (20 MARKS)</strong></td>
<td></td>
</tr>
<tr>
<td>• Described target group (2)</td>
<td></td>
</tr>
<tr>
<td>• Selected target group and completed assessment for “at risk” issue and identified 3 at risk behaviours/factors (3)</td>
<td></td>
</tr>
<tr>
<td>• Described health issue including: background information (4), current prevalence (1), magnitude of problem (1), and factors influencing the problem (4)</td>
<td></td>
</tr>
<tr>
<td>• Used research for evidence-based practice for assessment and health promotion/injury prevention strategies pertinent to target audience in the essay and teaching tool (5)</td>
<td>/20</td>
</tr>
<tr>
<td><strong>TEACHING RESOURCE (20 MARKS)</strong></td>
<td></td>
</tr>
<tr>
<td>• Described learning/teaching method used (2) • Listed 3 appropriate teaching strategies used based on assessment (3) • Developed resource appropriate to target audience (10)</td>
<td></td>
</tr>
<tr>
<td>• Stated SMART goal for target audience</td>
<td></td>
</tr>
<tr>
<td>• Teaching Tool/Resource o Age appropriateness o Correct wording/spelling o Correct Information o Size of font/printing o Suitable amount of content o Suitable Images used</td>
<td></td>
</tr>
<tr>
<td>• Cited source on teaching tool/resource</td>
<td></td>
</tr>
<tr>
<td>• Presentation of Resource to class (5)</td>
<td>/20</td>
</tr>
</tbody>
</table>
### KEY CONTENT

#### EVALUATION (5 MARKS)

Included plan for evaluation

- **Target Group evaluation (3)**
  - 3 open ended questions for participants to answer/evaluate you, with answer sheet from participants included

- **Self-evaluation of teaching resource (2)**
  - One strength
  - One suggestion for improvement

/5

#### TOTAL

/45

### APA AND GRAMMAR – MARKING GUIDE

#### KEY CONTENT

<table>
<thead>
<tr>
<th>POINTS:</th>
<th>1</th>
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<th>0.25</th>
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</thead>
<tbody>
<tr>
<td><strong>TITLE PAGE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Excellent</td>
<td>Satisfactory</td>
<td>Minimal</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

Included: date; header and page number; Remaining items centred: title of paper, student name, college name, course and section number, assignment name and number, instructor name

**BODY OF PAPER**

Paper organized – header and page number; headings; appropriate margins, double-spaced throughout, indent 5 spaces or 1 tab for new paragraphs, correct font – Times New Roman, 12 pt. font

**REFERENCES**

Citations in body of paper follow APA format
References on separate page; followed APA format, included minimum of 3 references with one being a current nursing journal

**GRAMMAR AND SPELLING**

Grammar appropriate and words spelled correctly (minimal errors)

| Excellent | Satisfactory | Minimal | None |
|<5 errors | 6-10 errors | 11-20 errors | >20 errors |

/5

#### GRAND TOTAL (ALL MARKING GUIDES)

/50

Page 7
ASSIGNMENT 2: COMPETENCY PROFILE

You are **required** to maintain and enhance your Professional Portfolio begun in Nursing Foundations I during each Nursing Foundations course.

The purpose of a cumulative Professional Portfolio is to develop documentation you can use to secure employment in a health-care setting as a practical nurse graduate.

- At the end of each Nursing Foundations course you will submit to your instructor/tutor evidence of having maintained and enhanced your Professional Portfolio.
- Submission may be electronically through websites available in the College or in hard copy using the “Report on Progress of Professional Portfolio” form below.
- **Do not submit** the entire Professional Portfolio unless requested to do so by your instructor/tutor.
- The **report** does **not** replace work on the Professional Portfolio but is an indication that you met expectations.
- This assignment contributes 10% to your total course grade.

**See Appendix B for grading**

Categories to continue to build as applicable to the learning of each Nursing Foundations course are:

A. **Personal:**
   - Personal goals
   - Personal interests
   - Education
   - Experiences
   - Achievements

B. **Professional:**
   - Philosophy of practical nursing
   - Resume and cover letter
   - Appraisals and evaluations
   - Reflective practice
   - Leadership
   - Scholarly papers
   - Nursing care plans
   - Client teaching plans
   - Professional goals
   - CPRNE study plan
   - Continuing competency achievement

**Continuing Competency Achievement**

Continuing competency achievement is an essential aspect of the professional portfolio. Review the competencies from the Course Outline or from the Competency Profile on the CLPNA website at [www.clpna.com](http://www.clpna.com) that apply to this course. Choose the most significant competency you learned in this course. Reflect on the following questions: Using the ”Proficiency Categories” below, how would you rate your proficiency in this competency? What did you do to achieve this competency? Why is this competency meaningful or significant? How will you use this learning in your nursing practice?
You will be expected to finalize your Professional Portfolio and to create a Continuing

**Appendix B**

**NURSING FOUNDATIONS VI: Community Health Nursing**

**Marking Guide for Assignment 2**

**ASSIGNMENT 2: COMPETENCY PROFILE**

<table>
<thead>
<tr>
<th>DESCRIPTION OF ONE SIGNIFICANT LEARNING EXPERIENCE IN THIS COURSE</th>
<th>5 Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description of Event</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WHAT I LEARNED FROM THE EXPERIENCE</th>
<th>10 marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reflect on experience and its relationship to the course content and how it impacted your learning</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WHY IT WAS MEANINGFUL/SIGNIFICANT</th>
<th>15 marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explain the significance of the learning experience as to why it was meaningful for you</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HOW I WILL APPLY THIS LEARNING IN NURSING PRACTICE</th>
<th>15 marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demonstrate the application of the learning experience to your nursing practice now and in the future</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ADDITIONAL COMMENTS</th>
<th>5 Marks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other experience that may enhance learning in the course</td>
<td></td>
</tr>
<tr>
<td>Any other comments that may be pertinent to the course</td>
<td></td>
</tr>
</tbody>
</table>

Student Name: 

Instructor: 

Course: 

Date:
ASSIGNMENT 3: Application Module Conference Postings (5% - 1% per posting)

Due at the end of Units 1, 3, 5, 6, and 7

A posting is due at the end of each of Units 1, 3, 5, 6 and 7. These exercises encourage the application of theory to practical situations that involve the learner. You will find the conference forums when you click on the appropriate conference icon on your course home page. Your tutor will assess each Assignment 3 conference posting you make and each of the five postings is valued at a maximum of 1% per posting.

A posting that achieves the maximum value will be succinct and insightful, showing clearly how you have applied theory learned in the course to the practical situation. Specific examples are encouraged. All postings should be in scholarly format (that is, free of typos and errors in grammar etc.). At least 1-2 references necessary. The tone of your writing and of any responses to other students. Postings should be constructive and positive. Make sure you monitor the conference site to see if others respond to your posting and if so, take the opportunity to engage in meaningful dialogue.

Proposed Schedule
See the class schedule, topics, and readings as attached.

Please Note:
Date and time allotted to each topic is subject to change.

Using LockDown Browser for Online Exams

This course requires the use of LockDown Browser for online exams. Watch this short video to get a basic understanding of LockDown Browser and the optional webcam feature (which may be required for some exams).

Then download and install LockDown Browser with this link:
https://ilearn.keyano.ca/course/view.php?id=28874#section-7

To take an online test, start LockDown Browser and navigate to the exam. (You won't be able to access the exam with a standard web browser.) For additional details on using LockDown Browser, review this Student Quick Start Guide (PDF)

Finally, when taking an online exam, follow these guidelines:

- Select a location where you won't be interrupted
- Before starting the test, know how much time is available for it, and that you've allotted sufficient time to complete it
- Turn off all mobile devices, phones, etc. and don't have them within reach
- Clear your area of all external materials — books, papers, other computers, or devices
- Remain at your desk or workstation for the duration of the test
  LockDown Browser will prevent you from accessing other websites or applications; you will be unable to exit the test until all questions are completed and submitted

Performance Requirements and Student Services

Student Responsibilities
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
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
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. 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
The Student Services Department is committed to Keyano students and their academic success. There are a variety of student supports available at Keyano. Due to the continuing situation with the Covid-19 pandemic, the offered support services will be implemented through a model to respond to the restrictions in force at the time. In-person and virtual services will be offered. 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.

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.

**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.

**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. For all inquiries, please email
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. 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**
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.

**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**
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 course 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 Helpdesk**
If you are having issues with your student account, you can contact the ITS Helpdesk by emailing its.helpdesk@keyano.ca or calling 780-791-4965.
System requirements:

<table>
<thead>
<tr>
<th>Microsoft Windows</th>
<th>Apple</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Minimum Requirements:</strong></td>
<td><strong>Minimum Requirements:</strong></td>
</tr>
</tbody>
</table>
| A Windows 10 *computer/laptop*  
  · Minimum 4GB of RAM.  
  · 10GB+ available hard drive storage.  
  · Enough available hard drive space to install the Microsoft Office suite (approximately 3GB). *Microsoft Office* software is free to all Keyano students and employees.  
  · Microphone, webcam and speakers. A headset with a microphone is recommended.  
  · System updates must be regularly installed.  
  · Anti-Virus / Anti-Malware software | A Macintosh (V10.14 and above) *computer/laptop*  
  · Minimum 4GB of RAM.  
  · 10GB+ available hard drive storage.  
  · Enough available hard drive space to install the Microsoft Office suite (approximately 3GB). *Microsoft Office* software is free to all Keyano students and employees.  
  · Microphone, webcam and speakers. A headset with a microphone is recommended.  
  · System updates must be regularly installed.  
  · Anti-Virus / Anti-Malware software. |
| **Recommended Requirements** | **Recommended Requirements** |
| 8GB of RAM  
  · 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. | 8GB of RAM  
  · 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. |

Chromebooks are not recommended as they are not compatible with testing lockdown browsers.

A Microsoft Surface or iPad or iPad Pro may be possible alternatives in some program areas.