Virtual Reality OER

To access the Virtual Reality scenarios that have been created in support of funding from eCampusOntario, please follow the stepson page 2. Should you encounter any challenges, you can contact us at continuingeducation@saultcollege.ca. Happy gaming!

Opportunities available:

Automotive Service Technician
Sault College, in partnership with Canadore College, is offering an engaging virtual reality experience in our virtual automotive shop. Participants will be able to assess a vehicle within the shop to troubleshoot an engine issue. This project will take learners through coming into the shop, troubleshooting and then correcting the issue.

Mechanical Lift
Sault College, Canadore College, Seven Generations Education Institute and Groves Park Long-Term Care Home have partnered together to bring health care learners an opportunity to practise using a mechanical lift. In this virtual reality scenario, learners will be required to transfer a resident from their bed to a wheelchair through the proper use of a mechanical lift.

Safe Feeding
Attend a long-term care facility and practice your knowledge of safe feeding practices. In this virtual reality experience, learners will have the opportunity to attend the dining room of a long-term care facility to properly feed a resident. Proper feeding reduces risks such as choking. Come visit our virtual resident!

Utility Arborist
Come explore the Sault College woodlot – virtually! In this virtual reality experience, learners will attend the Sault College woodlot to learn safe operating procedures when using a chainsaw and safely felling a tree. Don't forget to put on your PPE!

**Please note that there are also additional OER scenarios (Skin and Wound as well as OLG) available through following the steps on page 2, that have been made possible through other

sources of funding, such as the Challenge Fund through the Ministry of Colleges and Universities.

Initial Setup of Meta Quest 2 Headset:
1. Set up Meta Quest 2 headset[1]
2. Download the Meta Quest mobile app and create your account if you are new to Meta Quest
3. Enable Developer Mode with the Meta Quest app[2] (See Parts 1, 2, or 3)
4. Enable USB Debugging on Meta Quest 2 headset[2] (See Part 4)
5. Install Meta Quest ADB drivers in a web browser[2] (See Part 5)

Initial Setup of SideQuest:
6. Download and install the SideQuest "Advanced Installer" onto your desktop app for Mac/Windows/Linux (https://sidequestvr.com/download)
7. Enable USB debugging[3] between the Meta Quest 2 headset and SideQuest

Sideloading Content from SideQuest Store to Meta Quest 2 Headset:
8. Open SideQuest and click on the "GAMES" tab (https://sidequestvr.com/all-apps)
9. In the "Search games…" field, type "Sault College"
10. Select the Sault College virtual reality experience to sideload onto your Meta Quest 2 Headset
11. Click on the "DOWNLOAD APP" button for the APK file to download and install the Sault College virtual reality experience

Launching Sideloaded Content on the Meta Quest 2 Headset[4]:
12. Put on the Meta Quest 2 headset and navigate to the Menu Toolbar
13. Tap on the Apps icon
14. Select "Unknown Sources" under the top right drop down menu
15. Select and launch the Sault College virtual reality experience

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[1] https://www.meta.com/help/quest/articles/getting-started/getting-started-with-quest-2/set-up-meta-quest-2/
[2] https://www.wikihow.com/Enable-Developer-Mode-Oculus-Quest-2)
[3] https://learn.adafruit.com/sideloading-on-oculus-quest/install-and-use-sidequest. See "Enable USB debugging" section.
[4] https://beebom.com/how-sideload-content-oculus-quest-2/. See "How to Launch Sideloaded Content on the Quest 2" section.