

Appendix B

VR Lab's 2025 – 2030 Strategic Plan

Opening Statement

Steer the VR Lab's internal organizational structure in preparation for future expansion as is projected with regards to Medical School students' demand, aligned with the Medical Skills Education Centre's long-term Mission and Vision with respect to preplanning, growth and expansion.

Maintain, nurture and advance VR Lab's inventory, including the direct increase in devices, not of primary focus, rather, a deeper exploration of equipment and valued resources.

Track contemporary VR/AR development, research viability in harnessing emerging AI/VR/AR technology and seek funding avenues towards procuring the most suitable forms of Sim Healthcare education intelligence currently available on the market. Utilize funding sources towards procurement of hardware, devices and supporting software.

Keep ahead of the "technical edge"

Remain vigil and consistently research the international market mindful of AR/VR industry trends.

Commit deeper integration in respect to current technologies used in the VR Lab whose objectives follow and adhere to the following criteria:

- Target consistent uniformity regarding Sim Healthcare educational resources cascading up through the various stages of learning, highlighting self-developed apps, materials, etc.
- Onboarding learners and staff achieved through VR Sim Healthcare education



- Basic training contoured for educational purposes in the VR Lab achieved using introductory VR in support of learners new to the VR/AR experience
- VR use in Sim Healthcare education is considered a supplemental methodology, sensitive to VR sickness, ensuring learners will never be subjected to potential perils of VR and never intentionally detrimental, biased or segregating to learners
- Ensure learners progress through academic learning pathways aligned to the Dean's Vision with respect to safe immersion into advanced levels of AI/VR/AR technology
- Extend outreach program to include a minimum of five fields emphasizing the implementation of adjacent scenarios within the sphere of the VR Lab's hosted course curriculum
- At minimum, two courses hosted in the VR Lab on a daily basis, 12 – 14 weeks per semester
- Deeper integration aligned to the Medical Skills Education and Innovation Centre with respect to the Dean's Vision, including assessment, authentication, quality-of-life services (e.g., notification system), AI and classic analytics, emphasizing the effectiveness of performance monitoring and evaluation

Conquering and Validating Frontiers of Technology

- Seek international professional collaboration
- Willfully accept and participate in internationally acclaimed entities such as the the SSH/IMSH annually hosted conference
- Freely share learned technology among staff, course instructors and learners
- Facilitate high quality tutorials and engaging in workshops whose objective is to expand learners' knowledge in reference to VR Sim Healthcare education.

