



Course program and reading list

Semester 1 Year 2023

School: Lauder School of Government, Diplomacy & Strategy M.A

VR Simulations

Lecturer:

Prof. Alex Mintz mintz.alex@runi.ac.il

Teaching Assistant:

Mr. Ron Shalev ron.shalev@post.runi.ac.il

Course No.:	Course Type :	Weekly Hours :	Credit:
3820	Lecture	2	2

Course Requirements :	Group Code :	Language:
Final Paper	231382000	English



Course Description

The goal of this course is to familiarize students with virtual reality simulations in geopolitics, conflict resolution, emergency response, defense, healthcare, and homeland security. The course is a survey of simulations in these domains. Students will also learn how to review simulations using the DScan+ software and Unity.



Course Goals

The goal of the course is to familiarize students with virtual reality simulations.



Grading

Active participation: 20%

Project: 80% (due last day of class)



Teaching Assistant

Ron Shalev

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Additional Notes

Reading assignments:

What is VR training

[What is VR training? A guide to immersive learning | Ultraleap](#)

A Review on Virtual Reality Skill Training Applications

[Frontiers | A Review on Virtual Reality Skill Training Applications \(frontiersin.org\)](#)

History of VR - Timeline of Events and Tech Development

[History of VR - Timeline of Events and Tech Development \(virtualspeech.com\)](#)

The 10 Best Examples Of The Metaverse Everyone Should Know About

[The 10 Best Examples Of The Metaverse Everyone Should Know About \(forbes.com\)](#)

Virtual reality-based conflict resolution: The impact of immersive 360° video on changing viewpoints and moral judgment in the context of violent intergroup conflict

<https://journals.sagepub.com/doi/full/10.1177/14614444821993133>

Virtual and augmented reality technologies for emergency management in the built

environments: A state-of-the-art review

[Virtual and augmented reality technologies for emergency management in the built environments: A state-of-the-art review - ScienceDirect](#)

Virtual and Augmented Reality in the Disaster Management Technology: A Literature Review of the Past 11 years

[Frontiers | Virtual and Augmented Reality in the Disaster Management Technology: A Literature Review of the Past 11 years \(frontiersin.org\)](#)

The Ethics of Immersive Journalism A rhetorical analysis of news storytelling with virtual reality technology

<https://ojs.stanford.edu/ojs/index.php/intersect/article/view/871/863>

Learning Empathy Through Virtual Reality: Multiple Strategies for Training Empathy-Related Abilities Using Body Ownership Illusions in Embodied Virtual Reality

<https://www.frontiersin.org/articles/10.3389/frbt.2018.00026/full>

A systematic review of Virtual Reality in education

<https://www.learntechlib.org/p/182115/>

Dialing up the danger Virtual reality for the simulation of risk

<https://www.frontiersin.org/articles/10.3389/frvir.2022.909984/full>



Reading List

Please see list above.