Field trips are recommended for children age 10 or older.

Overview:
The Virtual Reality Center provides cutting edge research performed by students and staff at Rowan University in the area of 3D graphics, visualization, simulation and virtual reality. The Center features multiple immersive VR systems, including a new 7-foot-high by 40-foot-wide curved wall of screens that provides a 3D, immersive environment for collaborative projects. The center also includes a research & development lab, a data wall for programming and design development, Oculus Rift, a 3D printer and prototyping capabilities. The Virtual Reality Center is home to extensive research for government, business and non-profit organizations.

During your field trip, you will tour the facility, speak with staff and Rowan students, learn about virtual reality, see what we do in the lab and experience our simulations.

Price:

$10 per student

Payment must be made ahead of time to reserve your spot.

Agenda:

Students will be split into multiple groups and move between multiple areas in 20-30 minute intervals. Locations include:

1. 10 minute tour of 3D Printing
2. 10 minute tour of C4 CAVE systems
3. 10 minute tour of Data Wall and Oculus Rift
4. 30 minutes of demonstrations in the C10
5. 30-60 minutes of lecture from a VR Center employee about VR and how things are made
   (additional $5 per student and you may bring lunches)

Simulations in C10:

- Medical Viewer
- Hurricane in LBI Simulation
- Urban Planning: Health Science Campus
- Floodwater Remediation Simulation
- NASA Rocket Engine Simulation
- Monarch Butterfly Life Cycle Simulation
- Planning for the Pope’s Visit to Philadelphia
- Dinosaur Simulation
- The Rite (A video game made by The VR Center)
- And more!

Research and Development Room:

- 3D printing
- The Oculus Rift (head mounted display)
- Data Wall
- 4-sided immersive 3D system
- Learn about our current research projects in our lab

Classroom Discussion (for an additional $5 per student) (Choose 1)

TOPIC 1 - The Future of Virtual Reality

TOPIC 2 - Be a Part of a Virtual Reality Project
TOPIC 3 - Making Virtual Reality a Career

TOPIC 4 - Custom Discussion: We can also work with you to customize your discussion

Payments:

- Payment must be made ahead of time to reserve your spot
- Make check out to “Rowan Virtual Reality Lab”
- Mail checks to:

  Attention: Janine Papasso

  107 Gilbreth Pkwy, Mullica Hill, NJ

  08062

Contact:

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www.rowan.edu/vrcenter

Instagram: @rowan_vr_center

Facebook: The Virtual Reality Center at Rowan University