



How did University of Michigan generate field ready mechanical engineers by using VR in their UG courses?

Mechanical Design

The University of Michigan's mechanical engineering department is using virtual reality (VR) technology to provide more engaging and interactive training to mechanical design students.

Problem Statement

The University of Michigan in Ann Arbor has a strong engineering program, particularly in mechanical engineering. However, the traditional teaching methods employed may not fully prepare students for real-world experience in their future careers.

Solution

The University partnered with a VR company to create a VR platform for mechanical design education. Students use VR headsets and software to design components and interact with simulations and challenges like designing a robotic arm, car engine, and bridge.


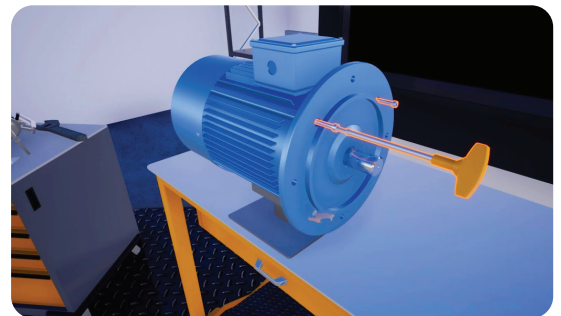
Benefits

The students who have used the VR platform have reported higher levels of engagement and satisfaction with their learning experience. They have also demonstrated improved problem-solving skills and a better understanding of complex mechanical systems.

University : University of Michigan

Technology : VR

Branch : Engineering



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