

Training in the Human Dimension

Vcom3D, Inc. developed a Plug and Play Cultural Avatar system for authoring highly realistic and research-based virtual humans that embody richly nuanced, culturally influenced cognitive and physical behaviors. These tools are being used today:

- By troops in the field to update cultural information on Mobile devices.
- To integrate our realistic avatars with game engines and virtual worlds.
- To create SCORM-conformant, Web-based learning.

Using these authoring tools, Vcom3D and its partners are developing next-generation, highly interactive learning games and courses for experiential training. Examples include rapport building, negotiation, interviewing, conflict resolution, and medical patient care; as well as a wide range of skills for stability, security, transition, and reconstruction operations.



In the Transition to Teaching project, teachers learn best methods to deal with a class of disruptive teens.

Drexel University's Goodwin College of Education and **Westphal College of Media Arts and Design** use Vcommunicator technology to train new teachers. In a realistic classroom *Verbal Abuse* simulation, teachers are challenged to determine how best to deal with increasingly disruptive students. Decisions lead to consequences as the action plays out. This experience gives teachers additional skills to maintain order while considering the safety of themselves and their students.

Working with the Air Force Negotiation Center of Excellence (NCE), **Adayana Government Group** and **Vcom3D** are developing job-focused, game-based courseware for training Air Force personnel. These tools support the importance of language and cultural considerations when negotiating logistics, readiness, transportation, and personnel issues in foreign countries.

Users of the Interactive Negotiation Course learn elements of West African hospitality prior to engaging in a mission to aid victims of a natural disaster.



In NICE, healthcare providers learn to help type 2 diabetes patients recognize and mitigate their symptoms.

Nursing Instruction & Counseling Education (NICE) is just one of Vcom3D's projects using Vcommunicator to train healthcare professionals to provide better services to patients of different backgrounds and cultures.

These tools are also used by **Oak Ridge Associated Universities (ORAU)** to develop *CancerSPACE* for the **National Cancer Institute**. This unique educational tool addresses how to overcome barriers to cancer screening, improve clinic processes and achieve higher screening rates.

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