

Customer Snapshot

Trident Technical College

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Institution Profile

Overview: Trident Technical College is a public, two-year, multi-campus community college located in Charleston, South Carolina. It serves approximately 16,000 traditional and nontraditional curriculum students who have a wide variety of educational goals, from personal enrichment to career development to university transfer. Its nursing program offers multiple degrees, including associates degrees, diplomas, and certificates. It graduates between 200 and 250 nursing students every year.

Facilities: Trident Technical College's new 90,000-square-foot Nursing and Science Building features sophisticated nursing simulation labs with programmable mannequin patients.

Accreditations: All nursing programs at Trident Technical College are accredited by the Accreditation Commission for Education in Nursing (ACEN).

Faculty: Between 38 and 40 | **Web site:** www.tridenttech.edu

Highlights

- Trident Technical College faculty report that students who complete **vSim** simulations improve their critical thinking, prioritization, and anticipation of potential issues in patient care.
- Faculty finds that students who participate in using **vSim** are more engaged in high-fidelity simulation debriefings.
- Trident Technical College uses **vSim** along with adaptive quizzing, powered by **prepU**, which provides students and instructors the ability to see detailed feedback on how well each student is learning and progressing. It also uses **CoursePoint** and **Lippincott DocuCare**.



vSim has been a benefit for both students and faculty. Having students go through real-life simulations increases their engagement and leads to improved learning. Students are better prepared for what they might encounter in the real world of nursing. It also helps faculty better identify areas where students need improvement.

– Shannon Vorlick, RN, MSN, PNP, and faculty member of Trident Technical College's nursing division

CHALLENGES

Trident Technical College was looking for an interactive, virtual simulation solution that would enhance classroom learning, provide ways to introduce more patient-centered or case-based activity, and produce practice-ready graduates. It was looking for a solution that would meet the following needs:

- Standardize on a learning platform. The college had decided to use all textbooks from a single publisher and wanted a well-integrated, comprehensive learning platform.
- Enhance the simulation experience, and better integrate it into classroom learning.
- Help build competence and confidence in nursing students by providing access to real-world simulated scenarios and patient interactions.
- Allow students to interact with virtual patients in a safe, realistic environment to develop clinical decision-making skills and build confidence and competence in patient care.

SOLUTION

vSim for Nursing is designed to support the development of clinical reasoning skills, competence and confidence in nursing students to result in better practice preparedness. Trident Technical College chose to implement **vSim for Nursing** in the following ways:

- Launched a test program during its summer program to integrate it into the curriculum to see how students would react to using it, and how faculty would deploy it.
- Focused not just on the simulation, but also on using **vSim's** pre-quiz and post-quiz tools.
- Made **vSim** a formal part of nursing training and a requirement after seeing that students were more engaged in classes and improved their learning after its use.
- Used ten **vSim** realistic medical and surgical patient scenarios in which students are responsible for making a variety of decisions regarding the patients' care.

RESULTS

Since deploying **vSim**, Trident Technical College:

- Surveyed its students about the use of **vSim**, and found that 87% said that their anxiety level about learning their course material had been reduced because of it, leading to an improved learning experience.
- Has better identified gaps in student learning, and then filled those gaps. For example, during simulations the faculty discovered that many students had a misunderstanding about allergic reactions to blood products. Teachers then spent extra time going over that material.
- Allowed instructors to view student progress within scenarios and gauged their understanding of key concepts.
- Gave students a stronger foundation to apply to practice, improving their critical thinking and prioritized skills for success in the workplace.
- Has used **Lippincott DocuCare** to evaluate students' ability to document their experience, which enhances the use of **vSim** scenarios.