

NORWICH UNIVERSITY
Mack Hall
 Northfield, VT

Project Partners

Jones Architecture
 Engelberth Construction
 Vantage AV Consulting

Trends

Smart and Connected
 Student Engagement
 Active Learning

Solutions

Furniture
 AV Technology



Open spaces create unplanned intersections | Photos © Horne Visual Media

200th Anniversary sparks change for the next century

As Norwich University celebrates its Bicentennial it, once again, demonstrates its ability to change with the times to graduate students with expertise in current skills required for leadership. Individual study, research papers and lecture-style learning alone are no longer adequate to prepare their students for careers in this new millennium. Their *Forging the Future* campaign focused on creating innovative, flexible environments to shape their campus for the next century, enabling teaching and learning to engage tomorrow's leaders.

Interactive classrooms, case study rooms, pocket lounges, a high-tech, cyber-security War Room, and a 400-seat auditorium and performing arts center will expand new ways of learning, from collaborative interaction to panel discussions and lectures. Mack Hall encourages the exchange of ideas across diverse disciplines, from liberal arts to information assurance, to business management and criminal justice studies.

Project partner team synergy

Norwich University, Jones Architecture and the Red Thread team have developed a synergistic and collaborative rhythm of planning, problem solving and executing Mack Hall and other major projects across the campus. Red Thread translated the client's institutional needs, the consultant's technical requirements and the architect's vision into a well orchestrated implementation.



Cyber Forensic Computing lab features dual projection



Case Study Room is web conferencing enabled



Mack Hall Auditorium

“ In designing Mack Hall we wanted to create a warm, inviting, active facility that, at its core, provides an extremely flexible teaching/learning facility for our faculty and students. To do this, we invited a variety of firms to join our design team to provide insight and options to consider. We knew from the very beginning of this project that furnishings and technology were vital to meet our project goals. Red Thread was a key part of our team from design through ribbon-cutting. I sincerely appreciate Red Thread’s help and dedication in making Mack Hall a resounding success.

Dave Magida , Chief of Administration, Norwich University

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Auditorium

The 400-seat fixed auditorium and performing arts center is designed for presentations and performance-quality productions. Video sources and wall mount video cameras are routed to a ceiling-mounted high lumen projector/motorized screen, a recorder, a network encoder, and three wall-mounted displays for performers to view in the Back Stage space, Dressing Rooms 1 & 2 and the Group Study Room/Green Room. A variety of wireless microphones are routed to the mixing console and distributed to a 9-speaker system, flown from the ceiling, and to two wall-mounted speakers in the Overlook Lounge. An intercom system allows production staff to communication during performances. The system has three control interfaces; a wired touch panel at the lectern, a wired table top touch panel at the house mix location, and a wired touch panel in the AV Booth.

Cyber Security War Room

As national security is transitioning from physical security to cyber security, Norwich aims to prepare the future cyber security leaders of our country. This space is set up for Attack and Defense teams to perform mock attacks. The workstations are 120 degree with comfortable fixed seating and technology all around the room, including a 2x6 video wall. Each group of 8 students has a dedicated super computer underneath their desks and can choose to share content on any of the displays using a unified Crestron control panel.



Cyber Security War Room



Impromptu informal collaborative area adjacent to Active Learning Classroom