

C2 Management Team Quarterly Meeting
Navajo Technical College
October 7, 2011
Meeting Notes

Attendance: Tom Davis, Gina Tanner, Duane Elms, Mary Jo Daniel (notes), Anna Morrato, Kirk Minnick, Jorge Crichigno, Jorge Lucero, Jonathan Hebert, Bill Michener, Jason Arviso, Jared Ribble, David Kratzer, Stephen Miller (via NMCAC Gateway)

Tom Davis welcomed the group to the place where people walk in beauty.

Progress Reports

Navajo Tech

Jason and Jared distributed the Scope of Work agreement with Advanced Communications and Electronics, Inc. to provide NTC with a Motorola Microwave Solution. In discussion, they described how they are collaborating with Navajo Nation by hanging some equipment on the towers and working to extend educational services to chapter houses. The vendor says installation will be in place before winter sets in.

WNMU

All purchased equipment was installed, except those components that are going into a building under construction.

Duane noted that the inauguration of the new president is being streamed—the first off-campus streaming presentation—and this is largely enabled because of the improved backbone built with NM EPSCoR (and other) grants.

Duane also shared the WNMU CI strategic plan with NNMC.

NNMC

Work is progressing on replacing Catalyst switches; installation is underway. The goal is to cover the campus wirelessly with an excellent network by April; 60% is covered now. NNMC is seeing increased student enrollment in distance education (e.g., engineering developing hybrid courses). A Cisco Network Academy is now in place, resulting in large enrollment. Academy works well with the improved bandwidth. The enhanced capacity was also used for summer camps.

Supercomputing Challenge

David Kratzer presented information about the Supercomputing Challenge, an 8 month long program that encourages teamwork and focuses on math, science and computing. NTC is working on helping Crownpoint to build a HS team.

It was recommended that Dave meet with new WNMU president.

Using CI for Education Projects

Jonathan Hebert at NMSU at Grants presented his project that focuses on how to introduce 3-d visualization and supercomputing into engineering as a tool. He has been working to determine what CI resources exist in NM and how to make use of them for entry-level students. His project asks how to tie together cluster computing and visualization; what can be done in one semester? He sees a need for an instruction set for accessing resources.

Next steps: Collaboration, creating labs to apply the process of moving an object to 3-d visualization

Stephen Miller, ENMU Ruidoso reported via the Gateway on his project that is focused on adding 3-d visualization into an existing course; the use of graphical interface in cyber security visualization. He is looking for a real-time tool to incorporate it in another course; not able to find a tool that will work with Nvidia.

After discussion Jonathan and Stephen suggested allowing more time for the development of modules in future funding rounds.

Evaluation

Kirk Minnick led a discussion, based on input from the EAC, on ways to make the survey instrument more useful and identifying other metrics for evaluation.

He will work with Duane on a first run on useful metrics and in November will send out a survey to solicit input from others on what information should be collected in a final survey. Kirk plans to visit the campuses in the spring.

Additional Discussion

Throughout the progress reports and discussion of evaluation, it was emphasized that each campus needs to be collecting stories that demonstrate the impact of the enhanced connectivity. Campus representatives agreed to do this.