ALPENA COMMUNITY COLLEGE
FY 2013 CAPITAL OUTLAY PROJECT REQUEST
ELECTRICAL POWER TECHNOLOGY EDUCATION AND TRAINING CENTER
"supporting existing, emerging, sustainable, and green technologies"
INSTRUCTIONAL ADDITION PROJECT
PRIORITY RANKING #1
TOTAL COST: $4,997,500

Is The Project A Renovation or New Construction	*Both*
Is There a 5-year Master Plan Available?	*Yes*
Are Professionally Developed Program Statement and/or Schematics Plans Available Now?	*No*
Are Match Resources Currently Available?	*No*
Has the University/College Identified Available Operating Funds?	*Yes*

A. **Project Description Narrative**

To support the transformation of its utility technology and electrical apprentice programs into a comprehensive set of offerings to serve the state's growing electrical power demands and renewable energy emphases, ACC's Priority #1 request is funding to renovate and extend the World Center for Concrete Technology to construct the Electrical Power Technology Education and Training Center – "supporting existing, emerging, sustainable, and green technologies." This facility will encompass four classrooms, three equipment labs, faculty offices, and bays for four bucket trucks or other pieces of heavy equipment. New programs are planned to train technicians for occupations in the wind turbine, solar power, biomass fuel, hydroelectric, geothermal, fiber optic, clean coal combustion, and power plant industries. Looking ahead to the possible legalization of community college bachelor's degree programs in Michigan, ACC will build the facility consistent with offering a bachelor of applied science degree in the electrical power field.

Following are descriptive narratives for the project along with total estimated cost:

Renovation	8,500 square feet
New construction	9,700 square feet
Total	18,200 square feet
Cost @ $210/sf	$3,825,500
Equipment/furnishings/infrastructure	$1,172,000
Total Cost:	$4,997,500

Benefits

The benefits of building an Alpena Community College Electrical Power Technology Education and Training Center include:

- Providing a safe and healthy environment for our students, staff and faculty.
- Enhancing strategic relationships between the College and community businesses.

Proposed Schedule

The College proposes the following schedule for the completion of the entire project:

Planning and Programming	July - September 2011
Schematic Design	October - November 2011
Preliminary Design	November - December 2011
Final Design	January - April 2012
Start Construction	May 2012
Complete Construction	November 2012

Operating Costs

The College anticipates the annual operating costs for the Electrical Power Technology Education and Training Center will be less than the additional net revenues generated by the expansion of the programs.

B. **Other Alternatives Considered**

The alternative methods considered to address this capital project request and reasons they were not chosen are as follows:

- Consideration was given to renovating the current Besser Technology Center Annex, but the space would not accommodate the expansion into new areas of instruction.

- Leasing space was also considered. Suitable facilities are not presently available in the Alpena area and the cost to make identified space suitable for the identified programs would be cost prohibitive and not a good investment of taxpayer dollars.

- It is also projected that through effective implementation of the College's Enrollment Management Plan current levels of enrollments in existing programs will increase. This requires the expansion into contiguous space and keeping close proximity to like programs.

- Long distance learning is addressed in the College's Strategic Plan. It is presently being used as an education tool for several programs on campus but does not present a solution to the College's present need due to the hands-on nature of the learning process for the identified programs.

The programmatic implications should this project not be funded include:

- The opportunity to expand the technology based instruction would be hindered. Innovations in transportation technology would lag behind the industry.

- The College's ability to continue attracting and retaining high caliber students, faculty and staff and sustain the College's academic performance and reputation in the community will be diminished.

C. **Programmatic Benefit to State Taxpayers and Specific Clientele or Constituencies**

Alpena Community College has initiated this project as part of an overall plan to improve the condition and programmatic function of the College in its mission to support faculty and students well into the future.

State taxpayers, the College and its students will gain the following programmatic benefits from this project:

- Maintenance of Alpena Community College's presence as a Northeast Michigan leader in technology and a conduit for highly trained graduates by providing up-to-the-minute training to employers and to current and future employees in our region.

- State-of-the-art facilities will provide a proper environment for educational opportunities for transfer students.

- Allow the College to increase the use of modern institutional technology to offer comprehensive academic programs.

- Enhance the College's ability to continue attracting and retaining high caliber students, faculty and staff and sustain the College's academic performance and reputation in the community.

- Provide an appropriate College-level facility for the liberal arts and occupational program students and faculty.

D. **Funding Resources**

Appeals to major electrical power entities, a capital campaign, millage proposal, and sale of property will be considered for funding the above project.