

**Deferred Maintenance, Renewal, Repair and Equipment - AVTEC**      **FY2014 Request: \$968,000**  
**Reference No: 48821**

**AP/AL:** Appropriation      **Project Type:** Deferred Maintenance  
**Category:** Education  
**Location:** Seward      **House District:** North Kenai (HD 28)  
**Impact House District:** Kenai Areawide (HD 28-30)      **Contact:** Fred Esposito  
**Estimated Project Dates:** 07/01/2013 - 06/30/2018      **Contact Phone:** (907)224-6150

**Brief Summary and Statement of Need:**

This project will provide deferred maintenance funding for the Alaska Vocational Technical Center's (AVTEC) 16 buildings in Seward. Specific projects related to this request include general facility maintenance, student apartment remodels, replacement of heating registers to improve energy efficiency in the First Lake facility, air quality dust removal improvements in the Construction Technology shop, installation of a digital control system for three air handlers and heaters in the Structural Welding facility, and a campus-wide fire alarm engineering study to identify system upgrade or replacement recommendations.

<b>Funding:</b>	<u>FY2014</u>	<u>FY2015</u>	<u>FY2016</u>	<u>FY2017</u>	<u>FY2018</u>	<u>FY2019</u>	<u>Total</u>
Gen Fund	\$968,000						\$968,000
<b>Total:</b>	\$968,000	\$0	\$0	\$0	\$0	\$0	\$968,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input checked="" type="checkbox"/> On-Going
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

**Operating & Maintenance Costs:**

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
<b>Totals:</b>	<b>0</b>	<b>0</b>

**Prior Funding History / Additional Information:**

**Project Description/Justification:**

Deferred maintenance for Alaska Vocational Technical Center's (AVTEC) 16 buildings in Seward to include general facility maintenance, student apartment remodels, replacement of heating registers to improve energy efficiency in the First Lake facility, air quality dust removal improvements in the Construction Technology shop, installation of a digital control system for three air handlers and heaters in the Structural Welding facility, and a campus-wide fire alarm engineering study to identify system upgrade or replacement recommendations.

The Alaska Vocational Technical Center (AVTEC) deferred maintenance needs for 16 state-owned buildings in Seward include:

The Student Life Campus, which encompasses the Student Services Center, two dormitories, and three apartment buildings. The remodel of 1-2 student family apartments, will include replacing damaged doors, painting interior walls, replacing vanity, sink, toilet, and shower/tub enclosure in the bathrooms, and replacing kitchen cabinets, appliances, floor carpet and vinyl. As needed other

**Deferred Maintenance, Renewal, Repair and Equipment - AVTEC**

**FY2014 Request: \$968,000  
Reference No: 48821**

housing improvements to address life and safety concerns. Deferred maintenance in the Student Service Center auditorium includes installation of a new cooling system, replacement of the sound system and seating. The estimated cost of these repairs is \$150,000.

The First Lake Campus has three buildings: the Construction Technology shop; the Connected Education Center; and the First Lake facility, which houses AVTEC’s administrative offices, as well as the Business and Office Technology, Information Technology, and Maritime Vessel Simulator training programs. Repairs at these buildings include general maintenance as well as specific projects, such as interior painting, replacement of heating registers to energy efficient zone layouts, and air handler installation in the First Lake facility. The estimated cost of these repairs is \$468,000.

The Construction Technology shop dates back to the 1950s and requires energy efficiency and health and safety improvements. These improvements include a new power tool dust removal system, installation of digital heating controls, replacement of a failing roof drain system, and interior improvements such as paint and carpet. The estimated cost of these repairs is \$200,000.

The Applied Technologies campus consists of three shop/classroom buildings. Deferred maintenance at this campus includes the installation of a digital control system for the three air handlers/heaters in the Structural Welding facility that will improve the energy efficiency of the facility. The estimated cost of this repair is \$100,000.

Campus-wide fire alarm system engineering study. This study is needed to identify repairs to and/or replacement of the existing aging fire alarm systems in eight buildings. These buildings are over 25 years old with an alarm system that needs to be brought up to current codes. These improvements will reduce future maintenance and improve safety. The estimated cost for this study is \$50,000.

Priorities and cost estimates may need to be changed to accommodate emergency maintenance projects not listed, actual project costs, and other considerations.

AVTEC Deferred Maintenance Projects				
Dept Priority	Project Title	GF Cost (\$)	Project Cost (\$)	Project Description
1	AVTEC Student Life Campus Deferred Maintenance	150,000.00	150,000.00	Supports housing improvements as needed for life and safety concerns. Also supports new seating and sound and cooling systems for the Student Services Center auditorium.
2	First Lake Campus	468,000.00	468,000.00	Supports general

**Deferred Maintenance, Renewal, Repair and Equipment - AVTEC**

**FY2014 Request: Reference No:**

**\$968,000  
48821**

	including Construction Technology Shop, Connected Education Classrooms, and First Lake Facility Deferred Maintenance			maintenance of AVTEC's main campus including interior painting, continued replacement of heating registers to energy efficient zone layouts, and air handler installation.
3	Construction Technology Campus Deferred Maintenance	200,000.00	200,000.00	Supports improved energy efficiency and health and safety measures including: power tool dust removal system, installation of digital controls, replacing failing roof drain system, and interior improvements.
4	AVTEC Applied Technology Campus Site Maintenance	100,000.00	100,000.00	Supports general maintenance of three classroom/shop buildings. Project includes installation of a digital control system for the three air handlers/heaters in the welding and diesel technology facility.
5	AVTEC Campus-Wide	50,000.00	50,000.00	Supports a fire alarm engineering

**Deferred Maintenance, Renewal, Repair and Equipment -  
AVTEC**

**FY2014 Request:  
Reference No:**

**\$968,000  
48821**

				study for system upgrade or replacement investigation, recommendations, and cost estimate.
		Total	968,000.00	