



STATE OF MICHIGAN
DEPARTMENT OF EDUCATION
LANSING



MICHAEL P. FLANAGAN
SUPERINTENDENT OF
PUBLIC INSTRUCTION

JENNIFER M. GRANHOLM
GOVERNOR

November 27, 2006

MEMORANDUM

TO: State Board of Education

FROM: Michael Flanagan, Chairman 

SUBJECT: Approval of Criteria for 2006-2007 State School Aid Act, Section 65,
Pre-College Engineering Program Grants

The Michigan Legislature in the 2006-2007 State School Aid Act, Section 65, appropriated \$780,100 for grants to school districts or intermediate school districts, as determined by the Michigan Department of Labor & Economic Growth (MDLEG), for eligible pre-college programs in engineering and the sciences.

The purpose of these grants is to prepare students for careers in science and engineering, through enrichment and intervention programs and partnerships with public school districts, area businesses, and institutions of higher education, to enhance the teaching and learning of mathematics and science in the classroom, including, but not limited to, historically under-represented populations in these career fields.

The 2006-2007 State Aid Act, Section 65, directs MDLEG to award allocations to the three legislatively designated eligible pre-college programs in the following manner:

- \$680,100 for the 2 eligible existing programs that received funds appropriated for these purposes in the appropriations act containing the Department of Labor and Economic Growth budget for 2005-2006, known as Detroit Area Pre-College Engineering Program (DAPCEP) and Grand Rapids Area Pre-College Engineering Program (GRAPCEP).
- \$100,000 for 2006-2007, to the Kalamazoo Regional Education Service Agency to support an area program substantially similar to the 2 eligible existing programs receiving funds under subsection (1). The department (MDLEG) grant agreement and grant recipient hereby refers to the latter as the Kalamazoo Area Pre-College Engineering Program (KAPCEP).

It is recommended that the State Board of Education approve the criteria for the 2006-2007 State School Aid Act, Section 65, Pre-College Engineering Program Grants as attached to the Superintendent's memorandum, dated November 27, 2006.

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MICHIGAN
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Criteria for the 2006-2007 State School Aid Act, Section 65, Pre-College Engineering Program Grants

The State Board of Education has adopted as its Strategic Goal "Attain substantial and meaningful improvement in academic achievement for all students/children with primary emphasis on high priority schools and students." In addition, the State Board has adopted the following five Strategic Initiatives to implement the goal:

- Ensuring Excellent Educators
- Elevating Educational Leadership
- Embracing the Information Age
- Ensuring Early Childhood Literacy
- Integrating Communities and Schools

To the extent possible, all grant criteria and grant awards will include priority consideration of the Strategic Goal and the Strategic Initiatives.

BACKGROUND/PURPOSE OF GRANT

Competitive Formula New Continuation *(check all that apply)*

The Michigan Legislature has appropriated \$780,100 for the development and implementation of pre-college engineering programs to address and impact dropout rates, grade point averages, enrollment in science, engineering and math-based curricula, and employment in science, engineering and mathematics-based fields.

In addition, the State legislature requires the Michigan Department of Labor & Economic Growth to submit a report to the appropriations subcommittees responsible for this act and to the House and Senate fiscal agencies by February 1, 2007 regarding the following:

- Dropout rates
- Grade point averages
- Enrollment in science, engineering and math-based curricula, and
- Employment in science, engineering and mathematics-based fields

for pupils who were enrolled in the programs awarded funds under this section or under preceding legislation. The programs thus referenced are the Detroit Area Pre-College Engineering Program (DAPCEP), the Grand Rapids Area Pre-College Engineering Program (GRAPCEP), and the Kalamazoo Area Pre-College Engineering Program (KAPCEP).

Legislatively designated grants will be made available as grants to three ISDs as follows:

Kalamazoo RESA (Fiscal for KAPCEP)	\$100,000
Kent Intermediate School District (Fiscal for GRAPCEP)	\$340,050
Wayne Regional Educational Service Agency (Fiscal for DAPCEP)	\$340,050

Recipients of legislatively designated grants must use the funds as designated in grant criteria, to help meet the need for well-trained engineers and scientists in Michigan, and to increase the number of historically under-represented populations in these career fields.

Recipients must develop and implement these programs, and report on program results as stipulated in grant agreements with MDLEG, and in accordance with the requirements of Section 65 of the State Aid Act of 2006-2007. The report shall continue to evaluate the effectiveness of the pre-college programs in engineering and sciences funded under this section.

LEGISLATION

The 2006-2007 State School Aid Act, Section 65, subsections (1) through (5) appropriates \$780,100 for designated grants for pre-college engineering programs.

RATIONALE FOR CRITERIA

These grants support the three designated pre-college engineering programs to help meet the need for well-trained engineers and scientists in Michigan, and to increase the number of historically under-represented populations in these career fields. This is consistent with the State Board of Education's strategic goal to attain substantial and meaningful improvement in academic achievement for all students/children.

CRITERIA

Defined in Legislation Defined in Department's Grant Proposed by Staff

Grant recipients will describe how they will develop and implement programs to successfully address the following:

- Dropout rates
- Grade point averages
- Enrollment in science, engineering and math-based curricula
- Employment in science, engineering and mathematics-based fields for pupils who were enrolled in the programs awarded funds under this section or under preceding legislation
- Increase the number of historically under-represented populations in science, engineering, and mathematics based career fields

ELIGIBLE APPLICANTS/TARGET POPULATION TO BE SERVED BY GRANT

Grants will be made available to legislatively designated eligible Michigan school districts, or intermediate school districts:

- Kalamazoo RESA (Fiscal for KAPCEP)
- Kent Intermediate School District (Fiscal for GRAPCEP)
- Wayne Regional Educational Service Agency (Fiscal for DAPCEP)

TOTAL FUNDS AVAILABLE

\$780,100.00

OFFICE ADMINISTERING GRANT/PROGRAM CONTACT

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