



Advanced Mathematics Specialist

Title III Grant: Math Foundations and STEM Success

Position:

Fort Lewis College is seeking to fill a full-time, 12-month, position of Advanced Mathematics Specialist to support the implementation of a federal Title III grant which seeks to improve mathematics instruction and articulation of courses across Science, Technology, Engineering and Mathematics (STEM) disciplines. This position will be funded by the grant through September 2013. The position will start no later than August 15th, 2010 but an earlier start date is negotiable.

This position reports to the Title III Project Director.

Qualifications

Required:

- Master's degree in Mathematics
- Minimum 5 years of college teaching experience
- Minimum 3 years experience with curriculum development, assessment, and evaluation
- Evidence of leadership in mathematics education through publications, positions held, presentations, consulting, etc.
- Experience leading professional development activities with tenure-track faculty

Preferred:

- Ph.D. in Mathematics or Ed.D. in Mathematics Education
- Experience with STEM mathematics integration
- Expertise in the use of instructional techniques for diverse learning styles
- Experience with curriculum development relevant to students with weak mathematical backgrounds
- Ability to employ culturally responsive strategies
- Familiarity with successful mathematics/science programs at similar institutions

Responsibilities

- Lead faculty development to support redesign and pilots of mathematics courses in the calculus sequence, statistics, linear algebra and differential equations.
- Teach up to 8 credit hours (2 courses) per term of mathematics courses in the calculus sequence, statistics, linear algebra or differential equations. Teaching will be tied to the redesign and piloting of courses.
- Collaborate with STEM faculty to integrate mathematics into target STEM courses.
- Collaborate with Activity Coordinator/Curriculum Specialist in mapping curriculum, developing mathematics placement criteria.

- Collaborate with Activity Coordinator/Curriculum Specialist in designing and delivering faculty development.
- Assist with Activity evaluation.
- Serve on appropriate college committees.

Salary

Salary will be based upon experience and includes full benefits. Fort Lewis College offers domestic partner benefits.

Application Deadline: Full consideration will be given to completed applications received by December 1, 2009. The position will remain open until filled.

Application Process and Required Documentation

1. Letter of application *addressing the specifics of this position*. **APPLICATIONS THAT DO NOT MEET THIS REQUIREMENT WILL NOT BE REVIEWED BY THE COMMITTEE.**
2. Curriculum Vitae
3. Three current reference letters at least one of which addresses job qualifications and responsibilities

Preliminary interviews will be conducted at the Joint Mathematics Meetings, Jan. 13-16. Please indicate in your letter of application if you will be attending.

Semi finalists will be asked to provide official transcripts.

Applications may be submitted electronically or in hard copy to:

Cheryl Lillard
 Project Assistant
 (Activity Coordinator/Curriculum Specialist)
 Title III Grant: Mathematics Foundations and STEM Success
 145 Jones Hall
 Fort Lewis College
 1000 Rim Drive
 Durango, CO 81301-3999
 Fax: (970) 247-7190
 Email: lillard_c@fortlewis.edu

Questions about this position may be addressed to Amy Getz, Project Director, getz_a@fortlewis.edu.

Fort Lewis College does not discriminate on the basis of race, age, color, religion, national origin, gender, disability, sexual orientation, political beliefs, or veteran status. Accordingly, equal opportunity for employment, admission, and education shall be extended to all persons. The College shall promote equal opportunity, equal treatment, and affirmative action efforts

to increase the diversity of students, faculty, and staff. People from under-represented groups are encouraged to apply.

Background Information:

Visit the Title III Mathematics Foundation and STEM Success website at:
www.fortlewis.edu/titleIII/

About the College

Fort Lewis College is a state-supported liberal arts college with its own governing board and is a member of the [Council of Public Liberal Arts Colleges](#) (COPLAC). Total enrollment at the College is about 4,000 students (27% are ethnic minorities of which 19% are Native Americans and 5% Hispanic).

About the Area

Durango, a multicultural community, is the hub of Southwestern Colorado, located in a beautiful mountain valley with nearby peaks reaching 14,000+ feet. A mild four-season climate allows numerous opportunities for skiing, fishing, biking, golfing, etc. With an area population of 45,000, Durango is cosmopolitan for its size and is served by major airlines with direct connections to Denver and Phoenix.
