LETTER OF NOTIFICATION - 10

GRADUATE CERTIFICATE PROGRAM

(12-21 semester credit hours)

1. Institution submitting request: University of Arkansas Fayetteville

1. Contact person/title: Dr. Terry Martin, Vice Provost for Academic Affairs
2. Phone number/e-mail address: (479) 575-2151/tmartin@uark.edu
3. Proposed effective date: Fall 2016
4. Name of proposed Graduate Certificate Program (Program must consist of 12-21 semester credit hours from existing graduate courses).
5. Proposed CIP Code: 15.1501
6. Reason for proposed program implementation: The Master of Science in Operations Management (MSOM or OMGT) has focused on project management as one of the core courses. During marketing surveys, current and potential students indicated a desire for graduate certificates focusing in project management, lean/quality, homeland security operations, risk management and healthcare logistics. These have been informal focus areas students have followed for many years. This initiative formalizing the skill sets students have indicated desire and employers indicate are important skills.
7. Provide the following:
   1. Curriculum outline - List of courses in new program – Underline required courses

Required Courses:

OMGT 5783 – Project Management Fundamentals

OMGT 5983 – Advanced Project Management

OMGT 5253 – Leadership Principles

Choose one elective:

OMGT 5873 – Organizing for Change

OMGT 5433 – Cost Estimation Models

OMGT 5463 – Economic Decision Making

OMGT 5373 – Quality Management

* 1. Total semester credit hours required (Program range: 12-21 graduate semester credit hours)

12 Hours (4 courses)

* 1. New courses and course descriptions:

One new course was developed and piloted as an elective for the MSOM

program:

OMGT 5983 - Advanced Project Management

# Course description:

This course builds upon the project management for operations managers’ course and offers students an opportunity to apply advanced project management tools to manage troubled projects. Topics include determining the project status using the schedule baseline, cost estimations, and earned value management techniques. Students will learn how to perform a project assessment/audit and will create a troubled project recovery plan. The course includes presentations of case study assignments to gain experience in communicating the status and recovery of failed and troubled projects.

* 1. Program goals and objectives

*Program Goals:*

1. Provide internationally competitive and industry recognized project management graduate education to meet emerging needs of operations management professionals.   
2. Prepare operations management students to assume project leadership roles in industry and government.

# Advanced Project Management Objectives (culmination of certificate work):

1. Evaluate the status of a troubled project
2. Interpret Earned Value Management results and make recommendations

for corrective action.

1. Use advanced estimation techniques
2. Apply schedule compression and cost reduction techniques to meet project

requirements

1. Evaluate and apply an alternate scheduling philosophy
2. Develop an Integrated Change Control Plan to catalog and communicate

change

1. Develop a troubled project recovery plan
2. Use Project Management Software to plan, schedule, and control a project
   1. Expected student learning outcomes:

1. Develop project leadership competencies.

2. Apply technical project management methods to new projects and

troubled projects.

3. Apply problem-solving skills that stem from the project environment.

4. Transfer learned techniques to the workplace.

* 1. Documentation that program meets employer needs

A survey of job opportunities, student surveys indicating employer desires of skills and information presented by the project management institute indicates demand for project management skills. Meetings with local industry indicate project management as a skill lacking and needed.

* 1. Student demand (projected enrollment) for program

Based on student surveys and feedback in the advanced project management class from site coordinators/advisors, anticipate a first year enrollment of 30. Future plans to include portions of the program as a concentration may increase the numbers.

* 1. Name of institutions offering similar program and the institution(s) used as a model to develop the proposed program

The Project Management Institute (PMI) is the recognized professional organization for project management. The body of knowledge was compared to current programs. The certificates at Penn State University, Florida State University, Georgetown and other institutions were benchmarked for content.

* 1. Scheduled program review date (within 10 years of program implementation)

September 2025

1. Provide documentation that proposed program has received full approval by licensure/certification entity, if required. (A graduate certificate offered for teacher/educator administrator licensure must be reviewed/approved by the Arkansas Department of Education prior to consideration by the Coordinating Board; therefore, the Education Protocol Form must be submitted to ADHE along with the Letter of Notification.)

Not applicable for this certificate.

1. Institutional curriculum committee review/approval date: February 10, 2016.
2. Will this program be offered on-campus, off-campus or via distance delivery? Online.
3. Identify off-campus location. Provide a copy of e-mail notification to other institutions in the area of the proposed off-campus program offering. Online/Distance Offering.
4. Provide additional program information if requested by ADHE staff.

President/Chancellor Approval Date:

Board of Trustees Notification Date:

Chief Academic Officer: Date: