LETTER OF INTENT – 1

(New Certificate or Degree Program)

1. Institution submitting request: University of Arkansas Fayetteville
2. Education Program Contact person/title: Dr. Terry Martin, Senior Vice Provost for Academic Affairs
3. Telephone number/e-mail address: (479) 575-2151/tmartin@uark.edu
4. Proposed Name of Certificate or Degree Program:

Masters of Science in Operations Analytics

1. Proposed Effective Date: Fall 2020
2. Requested CIP Code: 14.3701 Operations Research
3. Program Description:

**Master of Science in Operations Analytics (M.S.O.A) (OPAN)**

The Department of Industrial Engineering offers a graduate program leading to the Master of Science in Operations Analytics (M.S.O.A.) for engineering, science, and other non-engineering graduates. The Master of Science in Operations Analytics is an intensive program that will guide students through the theory and practice of the quantitative modeling of enterprise operations via descriptive, predictive, and prescriptive analytics. Students will develop knowledge of the principles and practices of analytics modeling methods, such as optimization, statistical modeling, machine learning, simulation, and computing methods, as they apply to the strategic, operational, and tactical control of operations.

1. Mode of Delivery (mark all that apply):

 **\_X\_\_On-Campus**

 **\_\_\_\_\_Off-Campus Location**

 Provide address of off-campus location\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Provide a copy of the e-mail notification to other institutions in the state notifying them of the proposed program. Please inform institutions not to send the response to **“Reply All”**. If you receive an objection/concern(s) from an institution, reply to the institution and copy ADHE on the email. That institution should respond and copy ADHE. If the objection/concern(s) cannot be resolved, ADHE may intervene.

 Submit copy of written notification to Higher Learning Commission (HLC) if notification required by HLC for a program offered at an off-campus location.

 \_\_\_\_\_\_Indicate distance of proposed site from main campus.

 **\_\_X\_\_Distance Technology** (50% of program offered by distance technology)

 Submit copy of written notification to HLC if notification is required by HLC for a program offered by distance technology.

1. List existing certificate or degree programs that support the proposed program:
2. President/Chancellor Approval Date: January 9, 2020
3. Academic Affairs Officer: James S. Coleman Date: January 9, 2020