Date Submitted: 01/14/21 8:44 am

Viewing: OMLSGC : Lean Six Sigma, Graduate Certificate

Last approved: 05/13/19 5:39 pm

Last edit: 01/14/21 4:35 pm

Changes proposed by: richardh

Catalog Pages Using this Program

- Lean Sigma Six (OMLS)
- Operations Management (OPMG)

Submitter: 55521	User ID:	richardh	Phone:
Program Status	Active		
Academic Level	Graduate		
Type of proposal	Certificate		

Select a reason for this modification

Making Minor Changes to an Existing Degree (e.g. changing 15 or fewer hours, changing admission/graduation requirements, adding/changing Focused Study or Track)

Effective Catalog Year	Summer 2021
College/School Code	College of Engineering (ENGR)
Department Code	Department of Industrial Engineering (INEG)
Program Code	OMLSGC
Degree	Graduate Certificate
CIP Code	

In Workflow

1. **ENGR Dean Initial**
2. **GRAD Dean Initial**
3. **Director of Program Assessment and Review**
4. **Registrar Initial**
5. **Institutional Research**
6. **INEG Chair**
7. **ENGR Curriculum Committee**
8. **ENGR Faculty**
9. **WCOB Dean**
10. **ENGR Dean**
11. **Global Campus**
12. **Provost Review**
13. **University Course and Program Committee**
14. Graduate Committee
15. Faculty Senate
16. Provost Final
17. Provost's Office--Notification of Approval
18. Registrar Final
19. Catalog Editor Final

Approval Path

1. 01/06/21 2:48 pm Norman Dennis (ndennis): Rollback to Initiator
2. 01/06/21 3:12 pm Norman Dennis

(ndennis): Approved for ENGR Dean Initial
3. 01/07/21 8:23 am Pat Koski (pkoski): Approved for GRAD Dean Initial
4. 01/14/21 7:59 am Alice Griffin (agriffin): Rollback to Initiator
5. 01/14/21 9:28 am Norman Dennis (ndennis): Approved for ENGR Dean Initial
6. 01/14/21 3:22 pm Pat Koski (pkoski): Approved for GRAD Dean Initial
7. 01/14/21 4:35 pm Alice Griffin (agriffin): Approved for Director of Program Assessment and Review
8. 01/19/21 2:15 pm Lisa Kulczak (lkulcza): Approved for Registrar Initial
9. 01/19/21 2:50 pm Gary Gunderman (ggunderm): Approved for Institutional Research
10. 01/19/21 2:53 pm Ed Pohl (epohl):

Approved for INEG Chair
11. 02/18/21 9:37 am Manuel Rossetti (rossetti): Approved for ENGR Curriculum Committee
12. 02/18/21 9:42 am Norman Dennis (ndennis): Approved for ENGR Faculty
13. 02/18/21 3:15 pm Karen Boston (kboston): Approved for WCOB Dean
14. 02/18/21 3:49 pm Norman Dennis (ndennis): Approved for ENGR Dean
15. 02/18/21 3:52 pm Suzanne Kenner (skenner): Approved for Global Campus
16. 02/19/21 8:51 am Terry Martin (tmartin): Approved for Provost Review

History

1. May 13, 2019 by Rich Ham (richardh)

15.1501 - Engineering/Industrial Management.

Program Title

Lean Six Sigma, Graduate Certificate

Program Delivery Method

On Campus
Off Campus
Online/Web-based

Is this program interdisciplinary?

No

Does this proposal impact any courses from another College/School?

Yes ~~No~~

College(s)/School(s)

College/School Name
Walton College of Business (WCOB)

What are the total hours needed to complete the program? 12

Off Campus Information

Off Campus Location(s)

Location Name	Address	Distance from Main Site
Walton College at 2nd and Main ~~Little Rock AFB~~	**119 S Main Street, Little Rock Arkansas 72201** ~~1490 Vandenberg Blvd, rm 107, Jacksonville, AR 72099~~	**186** ~~195~~
North Central Florida - Hurlburt AFB	221 Lukasik Ave,. Hurlburt Field, FL 32544	729
Naval Air Station, Millington, Tennessee	5750 Essex Street, Milligton, TN 38504	335

Reason for Offering Program Off Campus

Current OMGT off campus locations at Little Rock AFB, Hurlburt AFB, FL, Millington Naval Air Station.

Fifty percent of the credits required will be offered

~~Off-campus location~~

Both - off-campus location and distance technology

Will Students complete all Program Requirements at this Location?

No

Where will the Program be completed?

Online

Upload Memorandum of Understanding Forms (if required)

On-line/Web-based Information

Reason for offering Web-based Program

Survey results and trend analysis of online enrollments show students are increasingly interested in online enrollments. The MSOM program has over 85% online enrollments and growing. Student demand for flexibility led to online emphasis on all course offerings. See attached viability justification.

Maximum Class Size for Web-based Courses: 35

Course delivery mode

Method(s)
Online

Class interaction mode

Method(s):
Electronic Bulletin Boards
E-mail
Chat
Blog
Other

Specify Other Interaction Methods

Some video synchronous activity may be used as an instruction mode.

Percent Online

100% with No Required Campus Component

50-99%

Provide a List of Services Supplied by Consortia Partners or Outsourced Organization

None

Estimate Costs of the Program over the First 3 Years	None- courses are contained within the MSOM elective courses and stand alone with or without the certiicate.
List Courses Taught by Adjunct Faculty	
Upload Memorandum of Understanding Forms (if required)	

Program Requirements and Description

Requirements

Requirements for the Graduate Certificate in Lean Six Sigma: Program admission requires 3.0 GPA on the last 60 hours of undergraduate coursework. Students must complete the following 12 hours of coursework with at least a 3.0 GPA.

Required Courses

OMGT 5373	Quality Management	3
OMGT 5473	Lean Six Sigma	3
OMGT 5493	Advanced Lean Six Sigma	3

OMGT 5783	Project Management for Operations Managers	3
Total Hours		12

Are Similar Programs available in the area?

No

Estimated Student Demand for Program: 20

Scheduled Program Review Date: **2021-2022** ~~2019-2020~~

Program Goals and Objectives

Program Goals and Objectives
Provide internationally competitive and industry recognized project lean six sigma graduate education to meet emerging needs of operations management professionals.
Prepare operations management students to assume leadership roles in industry and government employ lean six sigma principles to develop process improvement strategy.
Translate customer feedback and enterprise goals into opportunities for improvement.
Create and sustain a culture that focuses on delivery of value by utilizing continuous process improvement and variance reduction strategies.
Select and apply the tool and analysis methods commonly used as part of the Lean Six Sigma DMAIC process.
Concisely communicate plans and results of studies to decision
Explain and apply the project selection process.

Learning Outcomes

Learning Outcomes
Develop lean six sigma competencies in the DMAIC process and team roles.
Demonstrate skills to manage a Six Sigma improvement project.
Apply problem-solving skills to Lean Six Sigma initiatives.
Assess and apply the correct Lean Six Sigma process improvement technique in real-world scenarios.

Description and justification of the request

Description of specific change	Justification for this change

Description of specific change	Justification for this change
Added on-campus delivery to correct adminstrative error. Removed Little Rock AFB and added Walton at 2nd and main.	Administrative correction

Upload attachments

Reviewer Comments

Norman Dennis (ndennis) (01/06/21 2:48 pm): Rollback: Need to take LRAFB off and add the Walton site.

Alice Griffin (agriffin) (01/11/21 4:09 pm): Revised scheduled program review date.

Alice Griffin (agriffin) (01/14/21 7:59 am): Rollback: WCOB has requested that they be included in the approval workflow. Please change your response to the question, "does this proposal impact any courses from another college" to yes and select WCOB. This action will place them into the workflow and only submitters can influence the approval workflow. Thank you.

Norman Dennis (ndennis) (01/14/21 9:28 am): changed program review date to 2021

Alice Griffin (agriffin) (01/14/21 4:35 pm): Revised review date from 2021 to 2021-2022 to be consistent with campus records.

Key: 648