Patricia Elshafei has submitted a request for a major curricular change. His/her email address is: pelshafei@wsu.edu.

Requested change: Revise or Drop Graduate Certificate

Title: Logisitcs and Supply Chain Management

Requested Effective Date: Fall 2021

Revise certificate requirement: Yes

Dean: Field, David - Assoc Dean - VCEA - Grad,

Chair: Squires, Alice – Chair – Engineering and Technology Management,

Catalog Subcommittee Approval Date	AAC, PHSC, or GSC Approval Date	Faculty Senate Approval Date

From:	Squires, Alice
To:	curriculum.submit
Cc:	Field, Dave
Subject:	Re: 611212 Engineering and Technology Management Requirements Revise - Revise or Drop Graduate Certificate
Date:	Monday, September 21, 2020 2:44:46 PM
Attachments:	2020.09.21.14.01.49.02.currentCatalogFile_Grad_Cert_in_Logistics_and_Supply_Chain_Mgmt_.docx
	2020.09.21.14.01.49.02.currentCatalogFile1_Justification_for__LSCM_Certificate_Change.docx

2. I approve this proposal with revisions. Revisions are attached.

From: "curriculum.submit@wsu.edu" <curriculum.submit@wsu.edu>

Date: Monday, September 21, 2020 at 5:04 PM

To: WSU - Alice Squires <alice.squires@wsu.edu>

Cc: "Field, Dave" <dfield@wsu.edu>

Subject: 611212 Engineering and Technology Management Requirements Revise - Revise or Drop Graduate Certificate

Squires, Alice – Chair – Engineering and Technology Management,

Field, David - Assoc Dean - VCEA - Grad,

Patricia Elshafei has submitted a request for a major curricular change.

Requested change: Revise or Drop Graduate Certificate

Title: Logisitcs and Supply Chain Management

Requested Effective Date: Fall 2021

Revise certificate requirement: Yes

Both Chair and Dean approval is required to complete the submission process. Please indicate that you have reviewed the proposal by highlighting one of the statements below and **reply all** to this email. (curriculum.submit@wsu.edu.) [Details of major change requested can be found in the attached supplemental documentation]

1. I approve this proposal in its current form.

2. I approve this proposal with revisions. Revisions are attached.

3. I do not approve this proposal. Please return to submitter.

If you do not respond within one week, you will be sent a reminder email. If no response is received within three weeks of the submission date, the proposal will be

From:	Field, Dave
To:	Squires, Alice; curriculum.submit
Subject:	Re: 611212 Engineering and Technology Management Requirements Revise - Revise or Drop Graduate Certificate
Date:	Monday, September 21, 2020 3:43:44 PM

I approve this proposal as ammended by Prof. Squires.

Dave Field

From: Squires, Alice <alice.squires@wsu.edu>
Sent: Monday, September 21, 2020 2:44 PM
To: curriculum.submit <curriculum.submit@wsu.edu>
Cc: Field, Dave <dfield@wsu.edu>
Subject: Re: 611212 Engineering and Technology Management Requirements Revise - Revise or Drop Graduate Certificate

2. I approve this proposal with revisions. Revisions are attached.

From: "curriculum.submit@wsu.edu" <curriculum.submit@wsu.edu>
Date: Monday, September 21, 2020 at 5:04 PM
To: WSU - Alice Squires <alice.squires@wsu.edu>
Cc: "Field, Dave" <dfield@wsu.edu>
Subject: 611212 Engineering and Technology Management Requirements Revise - Revise or Drop Graduate Certificate

Squires, Alice – Chair – Engineering and Technology Management,
Field, David - Assoc Dean - VCEA - Grad,
Patricia Elshafei has submitted a request for a major curricular change.
Requested change: Revise or Drop Graduate Certificate
Title: Logisitcs and Supply Chain Management
Requested Effective Date: Fall 2021
Revise certificate requirement: Yes

Both Chair and Dean approval is required to complete the submission process.
Please indicate that you have reviewed the proposal by highlighting one of the statements below and **reply all** to this email. (curriculum.submit@wsu.edu.)
[Details of major change requested can be found in the attached supplemental documentation]
　　1. I approve this proposal in its current form.
　　2. I approve this proposal with revisions. Revisions are attached.
　　3. I do not approve this proposal. Please return to submitter.
If you do not respond within one week, you will be sent a reminder email. If no response is received within three weeks of the submission date, the proposal will be returned to the submitter.
Thank you for your assistance as we embark on this new process. If you have any

Justification for Logistics and Supply Chain Management Certificate change to add EM568 Risk Management as a Selection

Current Logistics and Supply Chain Management Certificate

1. E M 560 Integrated Supply Chain Management
2. E M 530 Applications of Constraints Management
3. E M 567 Systems Supportability and Logistics Management
4. One of: *
   a. E M 555 Enterprise Resource Management
   b. E M 590 Leading Design and Innovation

Proposed Change

Add EM568 Risk Management as a Selection

New Logistics and Supply Chain Management Certificate

1. E M 560 Integrated Supply Chain Management
2. E M 530 Applications of Constraints Management
3. E M 567 Systems Supportability and Logistics Management
4. One of: *
   c. E M 555 Enterprise Resource Management
   d. E M 590 Leading Design and Innovation
   e. <u>E M 568 Risk Assessment and Management (new selection)</u>

Rationale

Every organization has internal supply chains and links to external suppliers and customers. Interlinking organizations have inherently structured dependencies where delays and disruptions are amplified across the supply chain stages and processes. Supply chain risk management has come to the forefront of top challenges and concerns of business and organizations. Changes in the market, global sourcing, political agendas, consumer demand, competition, climate change/ weather, and most recently pandemics can give rise to major disruptions. Risk assessment and management is the identification, analysis, and prioritization of risks; as well as the coordinated treatment of risk to prevent, minimize, monitor, and control the probability and/or impact of various types of undesirable events and its consequences. The ETM Graduate Studies Committee (GSC) has reviewed and approved this change.

See Syllabus for EM568

Graduate Certificate in Logistics and Supply Chain Management

1. *Credit Hours: 12 credit hours total*
2. *Required Courses*
   a. E_M 530
   b. E_M 560
   c. E_M 567
3. *Selective Courses*
   a. E_M 555 or E_M 568, E_M 590