

A - New Course Proposal V. 7.2022 : Entry # 3341**DEAN Decision**

Approved

Date

09/16/2024

Is this course intracollegiate or intercollegiate?

Intracollegiate

DEAN Comments

A great course to support growing demand for operations & supply chain management

SCHOOL EPC Decision

Approved

Date

11/08/2024

Begin Form**Today's Date**

09/10/2024

Your Name:

Bradley Venable

Your Email:bvenabl1@highpoint.edu**Are you a Department Chair?**

Yes

By checking below, I certify that my department chair has seen and approved the new course that I am proposing.

Yes

Please select the appropriate school overseeing this proposal:

Business

Which semester is this course to be taught for the first time?

Fall, 2025

Information for the Registrar

A - New Course Proposal V. 7.2022 : Entry # 3341**Choose the department designator from the list below.**

MGT

Proposed Course Number?

3260

Is this course cross listed?

No

Does this course replace a current course?

No

What is the title of the new course?

Supply Chain Process Improvement

Write the catalog description of your proposed course:

The course focuses on the fundamental concepts, techniques, and tools for managing production and improving business processes across the supply chain. Students will gain an understanding of the strategic importance of process improvement, the need for fact-based management, and how to deploy process improvement tools in different parts of the supply chain. The students will be exposed to various approaches and techniques including Continuous Improvement, Kaizen, Total Quality Management, Six Sigma, and the Toyota Production System (TPS). In addition, students will be given the opportunity to become Six Sigma ASQ Certified.

How many credit hours will this course be?

4

How will the course be graded?

Letter grade

Please select the course repeat option for this course:

Not repeatable for credit

What is the offering cycle for this course?

Alternate years

Does your course have any prerequisites?

Yes

Please list all prerequisites this course requires:

MGT-2220, MGT 3280 and sophomore standing.

Any other comments for the Registrar at this time?

This course is being generated and requested to be taught to gain interest in the Supply Chain Management discipline.

A - New Course Proposal V. 7.2022 : Entry # 3341**Gen Ed and Academic Programs****Is this course part of Gen Ed?**

- No

Does this course count towards a major or a minor?

No, it does not count toward any particular major or minor

Is this course part of an academic program?

- This course does not fulfill academic program requirements

Does this course include any community engagement?

No

Does this course participate in the GoGlobal Program?

No

Information for Curriculum Review**Rationale and evidence for new course's consistency with departmental mission:**

This new course will assist the Phillips School of Business in meeting the ever-growing and changing needs of its students. It currently offers a minor in Operations and Supply Chain Management, and it is very evident that there is a need for new courses to support the minor and maybe a major in Supply Chain Management in the future. So, the students can be prepared to immediately make an impact in this demanding field that is a very important component in all industries. Students that can take courses in supply chain management and logistics can use that as a strong first step toward a supply chain career path with the potential for global impact. Specialists in this ever-evolving industry are responsible for designing, tracking and executing the stages of production within the world's interconnected marketplace. There are many benefits to taking courses in supply chain management and preparing for this growing type of career. The supply chain management field offers many jobs, high demand and high job satisfaction. According to the MIT Lab for Innovation Science and Policy, the supply chain economy accounted for 37% of all U.S. jobs as of 2017, employing approximately 44 million people in supply chain management. The U.S. Bureau of Labor Statistics projects a 28% job growth for logisticians, including supply chain managers, between 2021 and 2031. The average Supply Chain Manager salary in the United States is \$126,281 as of July 29, 2024, but the range typically falls between \$111,620 and \$143,040. Salary ranges can vary widely depending on many important factors, including education, certifications, additional skills, the number of years you have spent in the profession.

List all student learning outcomes for this course.

Students will:

1. define and explain key concepts related to production and business process improvement: This includes understanding terms like process, waste, value, variation, quality, and flow.
2. compare and contrast different philosophies and approaches to process improvement: Analyze the strengths and weaknesses of Lean, Kaizen, DMAIC, 5S, Total Quality Management, Theory of Constraints, Six Sigma, and the Toyota Production System (TPS).
3. will identify and explain the role of process improvement in both manufacturing and service contexts: Discuss the application of these concepts across different industries and functions.
4. apply process mapping techniques to analyze and document existing workflows: Utilize tools like flowcharts and value stream

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maps to identify areas for improvement.

5. identify and analyze the root causes of process inefficiencies and quality defects: Utilize techniques like root cause analysis and Pareto charts to diagnose problems.

6. develop and evaluate potential solutions for process improvement: Apply knowledge of different methodologies to propose and assess potential solutions based on their effectiveness and feasibility.

7. develop teamwork and collaboration skills: Work effectively with others to achieve common goals related to process improvement.

8. demonstrate critical thinking and problem-solving skills: Apply analytical frameworks to identify and address complex process challenges.

9. evaluate the impact and effectiveness of process improvement initiatives: Use data analysis and metrics to measure and assess the success of implemented changes.

10. communicate process improvement efforts effectively to stakeholders: Utilize clear and concise communication strategies to gain buy-in and support.

List any units or content areas that will be required for all sections of this course.

The students will learn several different proven techniques in the field of Process Improvement and how it relates to any business situation, especially in the specific field of Supply Chain Management.

List any assignments, tests, or other assessments that will be required for all sections of this course.

Group Lean and Process Improvement Project that will include team and individual presentations on the subject

Weekly Chapter Quizzes/Homework

Exams

Individual Research Paper on the subjects related to process improvement and supply chain management

List any readings or other materials that will be required for all sections of this course.

Various current articles as they relate to process improvement will be used as discussion activities in the classroom every other week.

Text(s):

An Introduction to Six Sigma and Process Improvement

The ASQ Certified Six Sigma Yellow Belt Handbook,

List any course policies that will be required for all sections of this course.

HPU Honor code, OARS accommodations, Access to the Writing Center, Phillips School of Business Oral Presentation and Communication Rubric, and Professionalism and Attendance.

If you would like to specify how requirements for contact hours must be met for all sections of this course, please indicate below. (e.g., if any experiential learning activities will replace seat time)

Contact hours will be primarily met during in-class time periods where students will meet when all classes have been scheduled by the University. There are no experiential learning assignments that will be required for this course at this time. A potential field trip to a local manufacturing site might take place during the course.

Is there anything else the reviewing parties should know about this new course proposal that hasn't been addressed?

Process Improvement has been around for a long time and became very prominent after World War II when the U.S. tried to help the Japanese re-build their country. The Japanese learned about improving and then they took it to another level as where we in the U.S. now are learning from them.

A - New Course Proposal V. 7.2022 : Entry # 3341**Sample Syllabus**

- [MGT-3260-proposed-syllabus.docx](#)