Course Name:MBA Continuous Process Improvement (CPI) and Strategic Planning in Aerospace Management
Course Prefix: MBA
Course Number: 6370
Submitted by (Name & E-Mail): Matthew Mouritsen, mmouritsen@weber.edu

Current Date: 10/12/2012
College: Business & Economics
Department: MBA
From Term: Spring 2013

Substantive

|  |  |
| --- | --- |
| new  | Current Course Subject N/ACurrent Course Number  |

**New/Revised Course Information:**

|  |  |
| --- | --- |
| Subject: MBA Course Number: 6370 | Check all that apply: *This is for courses already approved for gen ed.Use a* [*different form*](http://documents.weber.edu/catalog/forms.htm) *for proposing a new gen ed designation.*DV CA HU LS PS SS EN AI QL TA TB TC TD TE |

Course Title: CPI & Strategy in Aerospace Mgmt

Abbreviated Course Title: CPI/Strategy in Aerospace Mgmt

|  |  |
| --- | --- |
| Course Type:  | LEC |

Credit Hours: 3 **or** if variable hours: to

Contact Hours: Lecture 24 Lab Other 24

Repeat Information: Limit 0 Max Hrs 0

Grading Mode: standard

|  |  |
| --- | --- |
| This course is/will be: | a required course in a major programa required course in a minor programa required course in a 1- or 2- year programelective |

Prerequisites/Co-requisites:

Admission to the MBA Program or approval to seek the stand-alone Graduate Certificate in Aerospace Management.

This course is an elective for all MBA students, but is a required course for students seeking the Graduate Certificate in Aerospace Management.

Course description (exactly as it will appear in the catalog, including prerequisites):

This management course is designed to teach aerospace business managers how to use the tools in Continuous Process Improvement (CPI) to attain and maintain operational excellence. The course includes relevant CPI tools such as Lean, Six Sigma, Theory of Constraints and Benchmarking. The course will also show managers how to conduct a strategic planning session with senior leadership and strategically align their organizations to maximize the use of CPI tools.

**Justification** for the new course or for changes to an existing course. (Note: Justification should emphasize academic rationale for the change or new course. This is particularly important for courses requesting upper-division status.)

This new course is an elective in the MBA Program. It will be a required course in the Graduate Certificate in Aerospace Management. Based on feedback from aerospace managers, this class will replace two other classes previously taught:
MBA 6340 Strategic Aerospace Management (which will be deleted).
MBA 6350 Continuous Process Improvement in Aerospace Management (which will be deleted).

This class is one of four classes comprising the Graduate Certificate in Aerospace Management (described below).

The Graduate Certificate in Aerospace Management is part of the Utah Cluster Acceleration Partnership among the Utah System of Higher Education, the Department of Workforce Services, the Governor’s Office of Economic Development, and Grow Utah Ventures. A $75,000 grant was awarded to WSU to create this certificate.

Two of the primary purposes of the acceleration partnership include:

• To develop responsive, industry-driven education and training systems that will provide a skilled talent pipeline to meet the short- and long-term needs of selected industry clusters.
• To leverage the resources and expertise within Utah’s higher education network to accelerate Utah’s industry clusters.

**INFORMATION PAGE**for substantive proposals only

1. Did this course receive unanimous approval within the Department?

true

If not, what are the major concerns raised by the opponents?

2. If this is a new course proposal, could you achieve the desired results by revising an existing course within your department or by requiring an existing course in another department?

Two other courses exist in the MBA Program, but we are deleting them and replacing them with a single course. There are no other courses at WSU that address a strategic approach to managing businesses operating in the aerospace industry.

3. How will the proposed course differ from similar offerings by other departments? Comment on any subject overlap between this course and topics generally taught by other departments, even if no similar courses are currently offered by the other departments. Explain any effects that this proposal will have on program requirements or enrollments in other department. Please forward letters (email communication is sufficient) from all departments that you have identified above stating their support or opposition to the proposed course.

No other graduate courses address a strategic approach to managing businesses operating in the aerospace industry. This class will have no impact on undergraduate or graduate students in other programs.

4. Is this course required for certification/accreditation of a program?

no

If so, a statement to that effect should appear in the justification and supporting documents should accompany this form.

5. **For course proposals**, e-mail a syllabus to Faculty Senate which should be sufficiently detailed that the committees can determine that the course is at the appropriate level and matches the description. **There should be an indication of the amount and type of outside activity required in the course (projects, research papers, homework, etc.)**.

**Please mail a signed** [**approval page**](https://portalapps.weber.edu/lcourseproposal/SignaturePage.PDF) **to the Faculty Senate Office, MA 210J, MC 1003.**