SCIM-499. Lean Tools Applications in the US Industry

**Professor:** Dr. Marvin E Gonzalez

**Office Hours:** MW 9 – 11:30 am

**Office:** BCTR 432

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**Course Description:**

The Bachelor’s Essay course is a year-long experience (SCIM 499 – 6 credit hours; typically 3 per semester) that affords students the opportunity to execute an intensive, empirical research project in a supportive academic environment. The bachelor essay is designed to demonstrate your accumulated training in different topics in your Major in Supply Chain Management in a single original project of your choice, subject to the instructor’s approval and will select a reading or research project in consultation with a faculty member, who will guide the work. The student will conduct serious research on the Lean and Six Sigma tools used in the America Industry. The contribution to the project will be to provide a diagnostic of the current situation of the Lean and Six Sigma and the impact in the productivity of the American Companies.

**Prerequisites**

Senior and honor standing and written agreement with instructor and chair.

**The SB learning goals are:**

**COMMUNICATION SKILLS:** Students demonstrate the ability, via both written and spoken word, to effectively present, critique, and defend ideas in a cogent, persuasive manner.

**QUANTITATIVE FLUENCY:** Students demonstrate competency in logical reasoning and data analysis skills.

**GLOBAL AND CIVIC RESPONSIBILITY:** Students identify and define social, ethical, environmental and economic challenges at local, national and international levels. Students integrate knowledge and skills in addressing these issues.

**INTELLECTUAL INNOVATION AND CREATIVITY:** Students demonstrate their resourcefulness and originality in addressing extemporaneous problems.

**Course Materials:**

The professor will assign reading materials that are related to the specific learning objectives identified by the student and the professor.

**Grading and Evaluation:**

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<td>Report 2</td>
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<tr>
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The final paper should be submitted to your professor near the end of the semester (the deadline is indicated by the instructor). The paper is a comprehensive written report or examination of your research. It is expected that the student will participate in 3 hours of research activities per credit per week. This means that a 3 credit hour independent study will involve at least 9 hours of research each week, in addition to a weekly meeting with the professor.

The final presentation should be professionally prepared in a power point presentation submitted to your professor 2 days before the date of the presentation. During the presentation, a minimum of 2 other professors will be invited to attend, or you could be asked to present your findings in a class. You should be ready to address any questions, and show what your research work meant to your learning in international business.

**College of Charleston Honor Code**

- Students can find the complete Honor Code and all related processes in the Student Handbook at [http://www.cofc.edu/studentaffairs/general_info/studenthandbook.html](http://www.cofc.edu/studentaffairs/general_info/studenthandbook.html).