



MGT 616 - SIX SIGMA GREEN BELT CERTIFICATION

In the Fall 2009 term the Crummer School will be offering a three credit elective course on Six Sigma. Six Sigma is a business improvement strategy that seeks to identify, reduce, and eliminate defects from every product, process and transaction. The approach requires defining the process function, identifying, collecting, and analyzing data, creating and consolidating information into useful knowledge, and the communication and application of such knowledge to reduce variation and cost.

The course is based on a Pass/Fail grading scheme. To receive a Pass grade you must successfully complete 4 examinations at the conclusion of the course. Those participating in this course will be certified as a Green Belt at the conclusion of the Green Belt project. The Green Belt project will go beyond the initial term. NOTE: These projects are not supplied by the Crummer Graduate School. Each participant or group must locate their own project. The project must be completed within 9 months from the final day of the course.

Green Belts are a vital component to any successful Six Sigma program. Many organizations begin Six Sigma deployments by training Champions and Black Belts and quickly realize the need to involve a larger critical mass of people to achieve breakthrough level results from their Six Sigma initiative. Green Belt training is an excellence way to enhance the effectiveness of both process owners and team members as they learn to apply tools and methods used in the Six Sigma methodology.

This elective course will include:

Green Belt Training and Certification via:

- Six (6) days of classroom based instruction (48 contact hours)
Scheduled on the following weekends:
October 10 & 11, November 7 & 8, and November 21 & 22, 2009
Classes run from 8 a.m. to 5 p.m. with a short lunch break.
- 16 hours of interactive lecture-based curriculum delivered online via Breakthrough Management Group's Yellow Belt program, plus 4 additional hours of activities, quizzes, student-paced interaction.

Comprehensive Green Belt program curriculum including:

- Lectures and presentations
- Instructor notes and discussion topics
- Comprehensive assessments (E-based quizzes and exams & in-company Green Belt project)
- Student Activities
- Exercises
- Homework assignments including a **final in-company project** (required for certification)
- Project Review
- Green Belt Certification

This course will include on top of tuition a \$950.00 lab fee. Students will receive all course materials, as well as a copy of the software package Minitab.

Enrollment in this elective course is open to all students from all programs that have completed all core courses. Registration will be allocated by program on a first come first serve basis. For more information please visit the following web site:

http://asp2.rollins.edu/crummer_faculty/index.asp?filter=showFac&facID=12.