The Kimmel School plans to offer the MST degree program in the Biltmore Park Town Square Facility beginning Fall 2013! It will be offered in a cohort format; we will form a cohort each year, with a limited enrollment of no more than 20 students per cohort. The program focuses on working professionals so all classes will be scheduled at night. Each class meets once only per week.

The degree requires 30 credit hours, or 10 courses, plus a final oral exam. Students are expected to complete the degree in two (calendar) years by taking 2 courses per semester and 1 course in the summer. Each semester, one course will be face-to-face, and the other course will be online or in the form of “independent study” to provide you flexibility.

**SAMPLE CURRICULUM**

**THE CURRICULUM IS DIVIDED IN FOUR MAIN AREAS:** core courses, support area courses, electives, directed project and oral exam.

**CORE COURSES INCLUDE:** Technical Writing, Statistical Analysis and Design of Experiment, Quality Assurance and Six Sigma, Research Methods for Manufacturing and Lean, Automation Systems

**SUPPORT AREA COURSES INCLUDE:** two business courses such as Engineering Finance and Economics, Organizational Behaviors, etc.

**ELECTIVES INCLUDE:** 3-D Modeling & Design, Advanced Materials, and other engineering topics

**DIRECTED PROJECT** counts for 3 credit hours (repeatable up to 6 hours) and requires students to work on a semester-long project related to their job.

| FALL SEMESTER–YEAR 1 | Design of Experiments  
| SPRING SEMESTER–YEAR 1 | Technical Writing  
| SUMMER–YEAR 1 | Quality Assurance and Six Sigma  
| SUMMER–YEAR 1 | A Support Area Course (online)  
| FALL SEMESTER–YEAR 2 | A Support Area Course  OR  
| SPRING SEMESTER–YEAR 2 | An Elective Course  OR  
| SPRING SEMESTER–YEAR 2 | Directed Project  OR  
| SUMMER–YEAR 2 | Support Area Course  
| SUMMER–YEAR 2 | Automation Systems  
| SUMMER–YEAR 2 | Directed Project  OR  an Elective  
| SUMMER–YEAR 2 | Oral Exam (1-hour, comprehensive)  
| SUMMER–YEAR 2 | An Elective  OR  Directed Project  
| SUMMER–YEAR 2 | (repeat) and GRADUATION!  

“The education and experiences I gained at WCU prepared me very well for completing a Ph.D. at Purdue University and working at Caterpillar Inc.’s Technical Center. The small, more personable class sizes and outstanding faculty made for an excellent atmosphere for success.”

— Brant Price