



April 2010

Greetings,

As you may know, Calumet College of St. Joseph unveiled a new masters program in September 2006. Our *Masters of Science in Quality Assurance* curriculum is designed to meet the developmental needs of professionals who aspire to careers in middle and upper management in a broad range of organizational environments.

We are graduating our fourth cohort. We have received highly favorable feedback regarding the rigor of our program and its relevance to their current and future jobs. This is not surprising. The Higher Learning Commission – our accrediting body – gave us high marks for the design of the program. Further, we have assembled an outstanding faculty, all of whom have extensive experience with formal quality programs and the more general responsibilities of management.

We are now recruiting students for our sixth cohort, which will begin in August 2010. I have attached materials that detail our program. We hope that you will consider the many ways in which an employee fully versed in the knowledge, skills, abilities, and personal dispositions of the quality profession can add to the human capital of an organization.

If you or any of your employees have any questions or concerns, please contact me at 219-473-4324 or Mary Severa, Director Graduate Program Operations at 219-473-4295 and either one of us will be able to assist you. We are also available at your convenience to discuss this matter in person as well. We have included an application should you wish to begin the admission process. Please complete the document and return it to Mary with a statement of purpose and the application fee.

Sincerely,

A handwritten signature in black ink that reads 'Steve Schuelka'. The signature is written in a cursive style with a prominent 'S' and 'C'.

Steve Schuelka, M.S. M.S.E.
Graduate Program Director
Master of Science in Quality Assurance



MASTER OF SCIENCE IN QUALITY ASSURANCE: QUALITY LEADERSHIP PROGRAM

Who should be interested in the MSQA degree?

The MSQA degree should be of interest to quality professionals and to others who desire to move into supervisory and management positions in a wide variety of industries. The curriculum is designed to meet the needs of professionals who work in manufacturing, healthcare, government, and the service sector.

How will the MSQA degree benefit me?

Research indicates that master's degrees are increasingly important in industries that rely on formal quality programs. In fact, 25.4 percent of the 6,500 "quality professionals" who participated in American Society of Quality's 2004 salary survey reported that they had earned graduate degrees. Their mean salary was \$82,736, 9 percent higher than for the 45.4 percent of respondents who reported holding only bachelor's degrees. Graduate degree-holding respondents to a 2005 online survey by *Quality Magazine*, which caters specifically to manufacturers, reported an average salary of \$85,350. These data suggest that quality professionals benefit financially from holding master's degrees.

How many courses will be required?

Courses will be scheduled to permit most students to complete the 36-credit hour curriculum in 24-month cohorts.

What courses will be included in the curriculum?

QLP 500, A Survey of Quality Assurance; QLP 505, Accounting for Managers; QLP 511, Statistical Techniques I; QLP 512 Statistical Techniques II QLP 515, Statistical Quality Control and Acceptance Sampling; QLP 525, Human Resource Management and Quality Leadership; QLP 531, Management Information Systems and Quality; QLP 535, Accounting and Quality; QLP 540, Measurement and Testing; QLP 543, Quality Communications, Documentation and Auditing; QLP 545, Managing Operations to Achieve and Maintain Quality; QLP 555, Quality Assurance Projects; and QLP 565, Capstone

In what format will the courses be offered?

Classes will be offered in a concentrated format over 7-week time periods. One course will be offered at a time. Course will be taught on one evening each week from 6:00 p.m. until 10:00 p.m.

Where will instruction be offered?

Instruction would be provided at Calumet College of St. Joseph, which is located at 2400 New York Avenue in Whiting, Indiana.

Who will teach the courses?

Together with a core staff of Ph.D.-credentialed faculty, part-time faculty with extensive professional expertise in administering formal quality programs will provide instruction. Part-time faculty will also participate in developing individual courses. The proposed strategy is uniquely responsive to the highly technical and rapidly evolving nature of the quality profession.

What are the requirements and steps for Admission into the Program?

To be admitted, students in the *Quality Leadership Program* will be required to:

- Hold a bachelor's degree from an accredited institution of higher learning;
- Have attained at least a 3.0 grade point average on a 4.0 grading scale or the equivalent grade point average on an alternative scale;
- Submit 3 letters of recommendation;
- Submit official transcripts from all universities and colleges attended; and
- Submit a completed application with a \$25 application fee

How much will the program cost?

All of the courses in the program are three credit hour courses. The total cost of the program is \$21,600.00 (\$600.00 per credit hour) for the 2010-2011 academic year which also includes books. There is a technology fee charged each semester and a \$100.00 graduation fee.

How do I apply?

Those interested in participating in the Program should do the following in order to complete the application process:

- Secure an application packet from Ms. Mary Severa, Coordinator of Graduate Student Services, at (219) 473-4295.
- Complete the application form and submit it with the application fee and appropriate accompanying documents to Ms. Severa two months prior to the Cohort start date.
- Submit letters of recommendation to Mr. Steve Schuelka, MSQA Graduate Program, 2400 New York Ave., Whiting, IN 46394



MASTER OF SCIENCE IN QUALITY ASSURANCE

Admission Requirements

To be admitted, students in the *Quality Leadership Program* will be required:

The requirements for admission into the program are as follows:

- The applicant must have a Bachelor degree from an accredited college/university with an overall GPA of 3.0 on a 4.0 scale for all undergraduate coursework (or 2.5 on a 4.0 scale with at least one year of teaching experience).
- Submit three letters of recommendation (one of which must be from the applicant's building administrator).
- Complete the application process.

Those interested in participating in the program should do the following to complete the application process:

- Complete the application form and submit it with the \$25.00 application fee and appropriate accompanying documents at least two months prior to the cohort start date.
- Accompanying documents would include: a written statement of purpose indicating interest in the program, and official transcripts reflecting all undergraduate and/or graduate coursework completed

For additional information contact Ms. Mary Severa, Director Graduate Program Operations at (219) 473-4295 or msevera@ccsj.edu.



MASTER OF SCIENCE IN QUALITY ASSURANCE

THE QUALITY LEADERSHIP PROGRAM

COURSE DESCRIPTIONS

QLP 500: A Survey of Quality Assurance

3 Credit Hours

A survey of the history and development of quality assurance principles and practices, documentation-and-audit based standards, quality awards and certification systems, professional ethics and social responsibility, and the emergence of quality assurance as a distinct field.

QLP 505: Accounting for Managers

3 Credit Hours

An introduction to accounting principles and techniques with a focus on managerial responsibilities pertaining to the development and analysis of financial statements. (Students will have the option of demonstrating competence for this course)

QLP 511: Statistical Techniques I

3 Credit Hours

The application of statistical concepts and techniques, including univariate analysis, hypothesis testing, and bivariate analysis, to decision-making challenges that confront managers

Prerequisites: QLP 500

QLP 512: Statistical Techniques II

3 Credit Hours

The application of statistical concepts and techniques in the areas of regression analysis and experimental design.

Prerequisites: QLP 500, QLP 511

QLP 515: Statistical Quality Control and Sampling

3 Credit Hours

A survey of strategies and techniques associated with statistical analysis, including measures of central tendency and dispersion, the concept of variability, statistical process control, Six-Sigma, and reliability testing.

QLP 525: Human Resource Management & Quality Leadership

3 Credit Hours

The survey and application of human resources management theories and practices with a special focus on leadership, facilitation, teams, and managerial ethics.

QLP 531: Management Information Systems and Quality

3 Credit Hours

An analysis of modern management information systems and strategies and techniques designed to support quality assurance objectives in a variety of work settings.

QLP 535: Accounting and Quality

3 Credit Hours

A survey of accounting principles and practices with a particular focus on their relevance to robust quality assurance programs (e.g., the analysis of quality costs, activity-based costing, etc.).

QLP 540: Measurement and Testing

3 Credit Hours

The survey and application of measurement and testing strategies and techniques, including measurement systems analysis, metrology, destructive and non-destructive testing, calibration, and the use and maintenance of inspection equipment.

QLP 543: Quality Communications, Documentation and Auditing

3 Credit Hours

The survey and workplace application of principles and practices associated with managerial communications, quality documentation, quality auditing, corrective action documentation and reporting, and professional ethics.

