

## Key Features

- ⇒ For technologically-oriented professionals and those seeking new career direction.
- ⇒ Faculty have deep industry work experience in the courses that they teach.
- ⇒ Students study real-world problems in addition to theory.
- ⇒ Develop new thinking and practical new skills for today's workplace.
- ⇒ Choice of three OCP programs: Lean Manufacturing and Six Sigma Quality, Supply Chain and Logistics Management, and Environmental and Occupational Safety.
- ⇒ Complete the OCPs in 12 months or less.
- ⇒ Graduates possess strong practical, analytical, and theoretical knowledge to position them for future success.



## OCP Student Make-Up

Typical students have two or more years of professional work experience.

Students have diverse backgrounds and come from industry; government; and non-profit organizations.

### Admission Requirements

- ◇ Bachelor's degree from a regionally accredited institution of higher education.
- ◇ Minimum undergraduate GPA of 2.70 (on a 4.00 point scale, where A is 4.00), or its equivalent.
- ◇ 3.00 GPA in all post-baccalaureate course work.

### Career Outcomes

Choose an OCP program that suits your current needs or to launch your career in a new direction. Typical jobs titles include:

- ◇ Continuous Improvement Leader
- ◇ Manufacturing Supervisor
- ◇ Technology Manager
- ◇ Quality Technician
- ◇ Project Manager
- ◇ Buyer / Planner
- ◇ Supply Chain Manager
- ◇ Supplier Quality Assurance
- ◇ EH&S Coordinator
- ◇ EH&S Specialist

## Official Certificate Programs in Technology Management



Central Connecticut State University

School of Engineering, Science,  
and Technology

1615 Stanley Street

New Britain, Conn. 06050

Phone: 860.832.1830

[www.ccsu.edu/mcm/programs.html](http://www.ccsu.edu/mcm/programs.html)

## OCP Programs Overview

### Lean Manufacturing and Six Sigma Quality

Designed for professionals involved in any aspect of manufacturing or service operations, the program covers two contemporary management disciplines, Lean Manufacturing & Six Sigma. Graduates learn fundamental principles, tools, and methods to apply in order to improve work processes.

### Supply Chain and Logistics Management

Designed for professionals involved in any aspect of the supply chain from engineering, packaging, purchasing, storage and distribution, traffic and transportation, and customer service, the program examines every function within the supply chain including financial, marketing, and sales issues.

### Environmental and Occupational Safety

Designed for professionals involved in any aspect of environmental and occupational safety including engineering, packaging, purchasing, operations, finance, and customer service, the program examines strategic planning and policy making concerns for dealing with internal, external, and regulatory issues.

### Contact Information

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## OCP Program Courses

### Lean Manufacturing and Six Sigma Quality

TM 464	Six Sigma Quality
TM 490	Advanced Six Sigma Quality
TM 510	Industrial Operations Management
TM 561	Application of Lean Principles

**Note:** Yellow, Green, and Black Belt certifications are obtained through ASQ.org (see <https://asq.org/cert/catalog>)

### Supply Chain and Logistics Management

SCLM 562	Supply Chain Strategy
SCLM 563	Strategic Logistics Management
SCLM 565	Logistics: Traffic and Transportation
SCLM 566	Distribution and Warehouse Mgmt.

### Environmental and Occupational Safety

TM 414	Accident Investigation and Loss Control
TM 456	Hazardous Material Management
TM 511	Safety Training Methods
TM 512	Principles of Occupational Safety

### Apply OCP Credits to the M.S. Technology Management Program

Twelve (12) credits from an Official Certificate Program may be later applied to the MS in Technology Management program, providing that all applicable policies for use within graduate degree program are met. Course time limits as well as earned grades, among other possible factors, will apply when degree usage is being contemplated.

## OCP Program Learning Outcomes

The OCP Programs are designed to yield learning outcomes that are in demand in today's workplace.

### Lean Manufacturing and Six Sigma Quality

1. To ensure a thorough and complete understanding of the requirements, benefits, strengths and opportunities offered using Lean and Six Sigma principles.
2. To introduce students to the tools and techniques used in Lean and Six Sigma and to offer practical application exercises in everyday workplace environments.

### Supply Chain and Logistics Management

1. Define and understand how the various elements of the supply chain are interrelated and inter-dependent upon each other.
2. Using Lean Enterprise concepts and tools, learn to manage the operations and logistics functions to lower costs while increasing customer satisfaction.

### Environmental and Occupational Safety

1. Define and understand how loss control, prevention, and training are interrelated and inter-dependent upon each other.
2. Learn to manage environmental operations and occupational safety to satisfy both regulations and policies for the benefit of both the company and its employees.