

# OPERATIONS MANAGEMENT (OPS) CPSO

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# Course numbers with the # symbol included (e.g. #400) have not been taught in the last 3 years.

## OPS 570 - Operations Management

**Credits:** 4

This course analyzes complex operating situations faced by technical and business managers. Students learn the role of the operations manager in the enterprise as well as demonstrate an understanding of the scope of an operations strategy. Students develop operations strategies to meet organizational requirements while analyzing operations processes. The course also offers students an opportunity to apply knowledge that contributes to the operations success of organizations.

**Prerequisite(s):** MGMT 410 with a minimum grade of D- or MGMT 500G with a minimum grade of D-.

**Equivalent(s):** MGMT 627G, OPS 627G

**Grade Mode:** Letter Grading

## OPS 605 - Quality Management

**Credits:** 4

This course provides students with understanding and knowledge of the philosophies and methods used to improve effectiveness and efficiency of organizational processes for businesses. Topics may include statistical methods for quality improvement in manufacturing and service operations. Emphasis is given to both the technical and managerial issues in understanding and implementing quality as a component for success in today's global business environment.

**Prerequisite(s):** (MGMT 410 with a minimum grade of D- or MGMT 500G with a minimum grade of D-) and (MTH 504 with a minimum grade of D- or MATH 504G with a minimum grade of D-).

**Equivalent(s):** MGMT 619G, OPS 619G

**Grade Mode:** Letter Grading

## OPS 610 - Sustainable Facility Operations

**Credits:** 4

This course provides an overview of the role of an operations manager in facility and venue management. Sustainable facility management includes maintenance, cleaning/housekeeping, engineering, heating, ventilation, and air conditioning (HVAC), utility usage management, budgets, security, crisis management/emergency management, and production. This course covers the general systems and processes related to the planning, programming, design, construction, and occupancy of facilities, including long-range, strategic and tactical planning, the relationship between facility planning and business planning, organization of sites, and buildings.

**Prerequisite(s):** DAT 510 with a minimum grade of D- or DATA 510G with a minimum grade of D-.

**Equivalent(s):** OPS 610G

**Grade Mode:** Letter Grading

## OPS 720 - Fundamentals of LEAN Process Improvement

**Credits:** 4

This course promotes an understanding of the theoretical and practical aspects of LEAN processes, and how LEAN thinking can be applied in a variety of contexts and applications. Students will be exposed to a range of LEAN tools that prepare learners to actively participate in LEAN processes and events in support of the development of a LEAN organizational culture. Developing capacity in facilitation and change management, students will prepare to become LEAN practitioners, learning to guide a group through problem solving circumstances, while considering the challenges of organizational change.

**Attributes:** Writing Intensive Course

**Equivalent(s):** OPS 628G

**Grade Mode:** Letter Grading