LIFE CYCLE INSTITUTE

ess

LIFE CYCLE ENGINEERING & ESS GROUP • LIFE CYCLE ENGINEERING & ESS GROUP

PLANNING AND SCHEDULING CERTIFICATION PSC

PLANNING AND SCHEDULING CERTIFICATION

Achieve your Maintenance Planning and Scheduling Certification (PSC) from a top U.S. engineering school!

You will learn practical skills that can be applied on the job right away, demonstrate your commitment to building a solid maintenance planning and scheduling program, and increase your value to your organization.

This certification program will enable you to:

- Build and sustain a maintenance planning and scheduling program
- Move your organization from a reactive to proactive environment
- Apply work planning best practices
- Calculate work management performance metrics
- Develop a comprehensive "standard" job plan
- Develop governing principles and standard procedures for CMMS data entry and use
- Describe a disciplined approach to managing work for a planned shutdown
- Develop an audit and continuous improvement strategy for the planning program

To earn a Maintenance Planning and Scheduling Certification (PSC), candidates must complete four courses and successfully pass the certification exam within three years.

Required courses include:

- Managing Planning and Scheduling
- Maintenance Planning and Scheduling
- Materials Management
- Planning for Shutdowns, Turnarounds and Outages

*At least two courses must be taken at the university granting the certification.

CLEMSON
CENTER FOR CORPORATE LEARNING

KU THE UNIVERSITY OF KANSAS

THE OHIO STATE UNIVERSITY
COLLEGE OF ENGINEERING

WASHINGTON STATE UNIVERSITY

Who Should Attend

The Maintenance Planning and Scheduling Certification is designed for planners, schedulers, maintenance managers, production supervisors and professionals responsible for building and sustaining a world-class maintenance planning and scheduling program.

Planning and Scheduling Certification Courses

Managing Planning and Scheduling

- Develop an implementation plan to establish or transform a planning program
- Build a work management process flow chart and responsibility matrix
- Draft a work management program strategy: objectives, key performance measures, targets, reporting and monitoring methods
- Build performance management and development strategies for planning personnel

Maintenance Planning and Scheduling

- Outline a proactive work management process
- Calculate work management performance metrics
- Develop a comprehensive "standard" job plan
- Apply work planning best practices
- Construct a schedule to optimize time and reduce waste

Materials Management

- Identify effective materials management processes
- Implement effective inventory control and warehouse best practices
- Describe how a CMMS supports materials management
- Identify contributors to total cost of materials
- Define the standard set of materials management key performance indicators

Planning for Shutdowns, Turnarounds and Outages

- Develop a checklist of everything to consider before the shutdown
- Evaluate the effectiveness of your current shutdown efforts
- Measure your shutdown efficiency
- Learn tools and technologies that can smooth the process and create a backbone for effective plant maintenance and reliability
- Collaborate and balance out contractor engagement and in-house staff
- Reduce unnecessary costs