Spring 2017
Supply Chain and Logistics

Register today!

Visit www.jccc.edu/ce or call 913-469-2323.

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Certified in Production and Inventory Management (CPIM) Series

Advance your career and boost your company’s bottom line. Become certified in Production and Inventory Management.

Why you need to earn the CPIM designation:
• Understand and evaluate production and inventory activities within your company’s operation
• Realize the CPIM is preferred by thousands of employers worldwide
• Recognize that more than 100,000 professionals since 1973 have earned the CPIM designation from APICS (the leading professional association for supply chain and operations management)

An APICS CPIM designation will help you:
• Increase your functional knowledge of production and inventory management
• Maximize ROI on the systems and technologies within your organization
• Master the tools you need to effectively manage global supply chain activities

Regular enrollment $2,995  •  Easy Pass $2,396  •  Per module $599

New CPIM series starts March 15. Enroll now!
To register, visit www.jccc.edu/ce or call 913-469-2323. For more information, call 913-469-2460.

CPIM Easy Pass
Becoming APICS Certified in Inventory and Production Management is now easier than ever with the CPIM Easy Pass.

Be among the first to purchase an Easy Pass (five modules) and receive 20% off the regular price.

Take all five modules to earn your CPIM. We recommend taking classes in this order.

Basics of Supply Chain Management
Gain basic definitions and concepts for planning and controlling the flow of materials into, through and out of an organization. Fundamental relationships between the supply chain suppliers and customers are covered. Learn about production manufacturing concepts, demand planning, transformation of demand into supply and inventory management.

Master Planning of Resources
Explore and be able to apply the principles of demand management, sales and operations planning, master scheduling, distribution planning and to identify conditions that require action. This module evaluates knowledge of both supply and demand planning for mid- to long-term independent demand.

Detailed Scheduling and Planning
Acquire a working knowledge of the tools and techniques for planning of inventory, including planning techniques such as MRP, CRP, lean, TOC and projects. Understand the effects of using each technique; know standard measurements for inventory, materials, capacity and supplier performance; and recognize when to escalate issues.

Execution and Control of Operations
Learn to translate plans into operational activities and define and apply techniques in the operations field.

Strategic Management of Resources
Move your learning to the next level through the SMR module that includes higher-level thinking or strategic planning and implementation of operations. This includes an understanding of how market requirements drive the resources and processes of an organization.

<table>
<thead>
<tr>
<th>CRN</th>
<th>CPIM SERIES (2015-2016)</th>
<th>DATES</th>
<th>SESSIONS</th>
<th>CLASS HOURS</th>
</tr>
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<tbody>
<tr>
<td>50893</td>
<td>Basics of Supply Chain Management</td>
<td>March 15-May 10, 2017</td>
<td>9</td>
<td>27</td>
</tr>
<tr>
<td>51051</td>
<td>Master Planning of Resources</td>
<td>May 31-July 19, 2017</td>
<td>8</td>
<td>24</td>
</tr>
<tr>
<td>51063</td>
<td>Detailed Scheduling and Planning*</td>
<td>Aug. 9-Sept. 27, 2017</td>
<td>8</td>
<td>24</td>
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<tr>
<td>51064</td>
<td>Execution and Control of Operations*</td>
<td>Oct. 18-Dec. 6, 2017</td>
<td>7</td>
<td>21</td>
</tr>
<tr>
<td>TBD</td>
<td>Strategic Management of Resources*</td>
<td>Jan. 17-March 7, 2018</td>
<td>8</td>
<td>24</td>
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</tbody>
</table>

All sessions are from 4 to 7 p.m. Wednesdays. *For more information about exams, visit our CPIM page at www.jccc.edu/ce.
## APICS CPIM: Detailed Scheduling and Planning
This course will help you gain a working knowledge of the tools and techniques needed for: 1) Planning inventory and tactics including MRP, CRP, Lean and TOC; 2) Translating product and master-level plans and schedules into requirements that can be procured or produced; 3) Bridging the master planning area with the execution and control function; 4) Recognizing the importance of supply chain management and deploying supply chain strategies related to scheduling, planning and sourcing.

This class is not eligible for the Take 3 discount.
22.5 contact hours/$499

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<tr>
<th>Date</th>
<th>Hours</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>R Mar. 9</td>
<td>4-6:30 p.m.</td>
<td>Regnier Center 183</td>
<td>Peter Warner</td>
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## APICS CPIM: Master Planning of Resources
Once your employees master the basic requirements of operations and supply chain management, they will further explore these principles by learning to: 1) Plan for mid- to long-term independent demand; 2) Recognize the scope of demand for goods and services to support the marketplace; 3) Bring together a wide range of plans for a more successful enterprise; 4) Create an actionable roadmap and implementation schedule; 5) Plan the distribution network and replenishment for the entire organization.

This class is not eligible for the Take 3 discount.
20 contact hours/$499

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<th>Instructor</th>
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<tr>
<td>R Jan. 5-Feb. 23</td>
<td>4-6:30 p.m.</td>
<td>Regnier Center 183</td>
<td>Peter Warner</td>
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</tbody>
</table>

## APICS CPIM: Strategic Management of Resources
SMR is the capstone module and should be taken last. Advance your employees' knowledge of resources management to include higher-level thinking, strategic planning and implementation of operations. You will: 1) Explore complex concepts within the entire APICS CPIM body of knowledge; 2) Know the relationships of existing and emerging processes and technologies; 3) Understand various, interrelated business environments; 4) Learn how to develop and implement business and operations strategy.

This class is not eligible for the Take 3 discount.
22.5 contact hours/$499

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<tr>
<th>Date</th>
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<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>W Jan. 4-Mar. 1</td>
<td>4-6:30 p.m.</td>
<td>Regnier Center 183</td>
<td>Peter Warner</td>
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## APICS CPIM: Basics of Supply Chain Management
SCM is a prerequisite for the other APICS CPIM modules, which cover related topics in greater depth. Topics in this module include: 1) Manage the complete flow of materials in the supply chain from suppliers to customers; 2) Know the “ins and outs” of the manufacturing, distribution, service and retail industries; 3) Learn fundamental relationships in the design, planning, execution, monitoring and control functions; 4) Manage demand, including market fluctuations and customer expectations; 5) Design products, processes and information systems; 6) Understand supply issues including inventory costs, functions and metrics.

This class is not eligible for the Take 3 discount.
27 contact hours/$599

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<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>W Mar. 15-May 10</td>
<td>4-7 p.m.</td>
<td>Regnier Center 183</td>
<td>Peter Warner</td>
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## Basics of Warehousing and Logistics
This course examines the movement of information and products through the supply chain and provides workers a foundational knowledge of warehouse operations and their role in the process. Topics covered include product shipping and receiving, product storage, inventory management, documentation, transportation, material handling equipment, order processing and the role of WMS systems in warehouse operations.

Entry-level warehouse personnel and material handlers.
8 contact hours/$89

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<th>Date</th>
<th>Hours</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>S Jan. 21</td>
<td>8 a.m.-5 p.m.</td>
<td>Logistics Park Kansas City classroom</td>
<td>Peter Warner</td>
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<tr>
<td>S Feb. 4</td>
<td>8 a.m.-5 p.m.</td>
<td>Logistics Park Kansas City classroom</td>
<td>Peter Warner</td>
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<tr>
<td>S Mar. 18</td>
<td>8 a.m.-5 p.m.</td>
<td>Logistics Park Kansas City classroom</td>
<td>Peter Warner</td>
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<tr>
<td>S Apr. 22</td>
<td>8 a.m.-5 p.m.</td>
<td>Logistics Park Kansas City classroom</td>
<td>Peter Warner</td>
</tr>
<tr>
<td>S May 13</td>
<td>8 a.m.-5 p.m.</td>
<td>Logistics Park Kansas City classroom</td>
<td>Peter Warner</td>
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## Certified Professional Supply Management Exam Prep
The Certified Professional in Supply Management credential from the Institute for Supply Management (ISM) can give you the edge you need in this global marketplace along with the potential to earn more. The CPSM is recognized internationally and reflects the expanded knowledge, skills and abilities needed to be a successful supply management professional. This course is a certification preparation program based on ISM’s CPSM body of knowledge.

Prerequisites: Three years of full-time, professional supply management experience (nonclerical, nonsupport) with a regionally accredited bachelor’s degree or five years of management experience (nonclerical, nonsupport) without a degree; and pass three CPSM exams.

Course fee includes at least 40 hours of classroom instruction on covering all three modules, ISM study guides for all three modules and participant guides for all three modules.
Cost of the CPSM exam is not included.
9 contact hours/$499

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<th>Instructor</th>
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<tr>
<td>TWR Jan. 24-26</td>
<td>6-9 p.m.</td>
<td>Regnier Center 157</td>
<td>Joe Steven</td>
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</table>
Industrial Automation Systems, Fundamentals (Level I)
The objective of this workshop is to expose the student to the fundamentals of industrial control systems which will enable them to conduct an initial diagnosis of failures in industrial control systems. The intended audience is entry-level maintenance staff and machine operators who are expected to determine if the equipment problem is with the input sensors, the controller or the output actuators. The results of this class should reduce equipment downtime and improve communication between operators and maintenance staff.

32 contact hours/$1,299
51049 MTWR Feb. 20-23 8 a.m.-5 p.m.
Regnier Center 144 Ed Keating

Industrial Automation Systems, Intermediate (Level II)
The objective of this workshop is to expose the student to intermediate topics in industrial control systems so that they can troubleshoot control problems to a component level. The intended audience is maintenance control technicians who are expected to troubleshoot, maintain and support industrial control systems.

56 contact hours/$2,499
51050 MTWR Mar. 20-29 8 a.m.-5 p.m.
Regnier Center 144 Ed Keating

Lean Operations: Getting Started
Lean enterprise can help you make dramatic improvements to your business processes, strengthen your customer relationships and attract new customers. By analyzing and improving the flow of information and materials in a work environment, lean enterprise results in dramatic improvements – reduced lead time, increased productivity, improved quality, cost reductions and increased profitability, as well as greater customer and employee satisfaction. This workshop will help you understand lean enterprise principles and the benefits of lean. You will also learn the eight types of waste in work processes.

7 contact hours/$239
51011 F Feb. 17 8:30 a.m.-4:30 p.m.
Regnier Center 175 Brad Snyder

OSHA Forklift Classroom Training
Forklift training and certification is a great addition to your professional skill set and helps reduce accidents in the workplace. It opens up new opportunities and tells an employer that you are prepared to go the extra mile for your job. Up to 90 percent of forklift accidents are caused by operator error. Making sure employees are trained and qualified is the most effective way to avoid accidents. Students who successfully complete the course exam will receive a certificate of completion verifying that they have received forklift classroom training according to OSHA 1910.178(l).

Becoming OSHA certified to operate a forklift also requires practical, hands-on training. See the JCCC course schedule for OSHA Forklift Practical Training courses. In addition to classroom and hands-on training, becoming OSHA certified also requires additional training and evaluation in the workplace, which you will receive from your employer.

3 contact hours/$49
51029 S Jan. 14 9 a.m.-noon
Logistics Park Kansas City classroom
Jason Jones
51040 S Feb. 11 9 a.m.-noon
Logistics Park Kansas City classroom
Jason Jones
51041 F Mar. 24 9 a.m.-noon
Logistics Park Kansas City classroom
Jason Jones
51042 F Apr. 21 9 a.m.-noon
Logistics Park Kansas City classroom
Jason Jones
51043 S May 20 9 a.m.-noon
Logistics Park Kansas City classroom
Jason Jones

OSHA Forklift Practical Training
In this class you will learn how to safely operate lift truck equipment. The class gives you hands-on, practical training on a Raymond Sit-Down Counterbalance Truck and/or End-Rider “Walkie” Truck. The goal of the course is safe operations and will not result in proficiency for those without prior forklift operating experience. Students who successfully complete the course will receive a certificate of completion verifying that they have received forklift practical training according to OSHA 1910.178(l).

Becoming OSHA certified to operate a forklift also requires classroom training. See the JCCC course schedule for OSHA Forklift Classroom Training. In addition to classroom and hands-on training, becoming OSHA certified also requires additional training and evaluation in the workplace, which you will receive from your employer. Must be at least 18 years of age to enroll.

Prerequisite: OSHA Forklift Classroom Training.

4 contact hours/$69
51044 S Jan. 14 1-5 p.m.
Logistics Park Kansas City classroom
Anthony Kidd
51045 S Feb. 11 1-5 p.m.
Logistics Park Kansas City classroom
Anthony Kidd
51046 F Mar. 24 1-5 p.m.
Logistics Park Kansas City classroom
Anthony Kidd
51047 F Apr. 21 1-5 p.m.
Logistics Park Kansas City classroom
Anthony Kidd
51048 S May 20 1-5 p.m.
Logistics Park Kansas City classroom
Anthony Kidd

Need customized training for your organization? JCCC can tailor any of our courses for your specific needs.
www.jccc.edu/ce

Learning & Career Center at LPKC
Prepare for a career in warehousing, logistics or transportation with training at JCCC’s new Learning & Career Center at Logistics Park Kansas City!
JCCC now offers transportation, warehousing, logistics and basic job skills classes at LCC.
Visit www.jccc.edu/lpkc or call 913-469-3836, for more information.

Visit www.jccc.edu/lpkc to learn about other courses offered at the Learning & Career Center.