### Connecticut State Colleges & Universities APPLICATION FOR NEW PROGRAM APPROVAL

#### **SECTION 1: GENERAL INFORMATION**

Institution: Central Connecticut State University Date of Submission to CSCU Office of the Provost: Mar 01, 2018

Most Recent NEASC Institutional Accreditation Action and Date:

**Program Characteristics** 

Name of Program: Supply Chain Logistics Management

Degree: Title of Award (e.g. Master of Arts) Master of

Science

Certificate: (specify type and level)

Anticipated Program Initiation Date: Spring 2019 Anticipated Date of First Graduation: Fall 2021

Modality of Program: On ground Online x Combined

If "Combined", % of fully online courses? Two versions: (i) **Hybrid** (49%), (ii) **Online** (100%)

Total # Cr the Institution Requires to Award the Credential (i.e.

include program credits, GenEd, other): 33

**Program Credit Distribution** 

# Cr in Program Core Courses: 21 # Cr of Electives in the Field: 0 # Cr of Free Electives: 12

# Cr Special Requirements (include internship, etc.):

<u>Total # Cr in the Program</u> (sum of all #Cr above): 33

From "Total # Cr in the Program" above, enter #Cr that

are part of/belong in an already approved program(s) at

the institution:

Type of Approval Action Being Sought: Licensure or X Licensure and Accreditation - (see **NOTE** below)

CIP Code No. (optional) 52.1301 Title of CIP Code: Management Science

If establishment of the new program is concurrent with discontinuation of related program(s), please list for each program:

Program Discontinued: CIP: OHE#: Accreditation Date:

Phase Out Period Date of Program Termination

Institution's Unit (e.g. School of Business) and Location (e.g. main campus) Offering the Program:

The Department of Manufacturing and Construction Management (MCM) will offer a new master's degree program of **Supply Chain Logistics Management** housed in the School of Engineering, Science and Technology (SEST) at Central Connecticut State University (CCSU), New Britain, CT 06053.

Upon approval, the program will welcome the first students in Spring 2019.

The program focus is on the strategic supply management and logistics, global sourcing, partnerships, demand and inventory management, data analysis, tracking logistics issues, global information and processes across organizations (retailers, warehouses, distribution centers, and manufacturing plants).

#### Other Program Accreditation:

- If seeking specialized/professional/other accreditation, name of agency and intended year of review:
- If program prepares graduates eligibility to state/professional license, please identify:

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(As applicable, the documentation in this request should addresses the standards of the identified accrediting body or licensing agency)

Employers are seeking to hire students with one or more of the following professional certifications CTL, CPSM, CPIM, and CSCP. Each professional certification is described below. Graduates of the M.S. in Supply Chain and Logistics Management program will be prepared to receive certifications that are recognized by thousands of U.S. employers. Graduates of Supply Chain and Logistics Management program can further receive industry-recognized certification at any stage of their careers.

Following are distinguished designations:

- CPSM Certified Professional in Supply Management designation from ISM (Institute of Supply Management.
- CPIM Certified in Production and Inventory Management from APICS (Professional Association for Supply Chain Management)
- CSCP Certified Supply Chain Professional from APICS
- CTLD Certified in Transportation, Logistics, and Distribution from APICS.
- CPL Certified Professional Logistician from SOLE (The International Society of Logistics)

These leading supply chain organizations offer Certification Blanket Waivers to academic programs that recognize students' coursework in lieu of taking certification exams.

For example, CCSU graduates from Supply Chain & Logistics Management program will receive CTL (Certified in Transportation and Logistics) designation from APICS. Upon approval of this new master's degree program, the MCM department will immediately submit application to APICS, ISM, and SOLE to receive Certification Blanket Waiver program status.

Current approved CTL Academic Program Schools is in **Appendix A**.

Institutional Contact for this Proposal:

Dr. Paul Resetarits

Title: Professor,
Manufacturing &
Const. Management

Tel.: (860) 832-1834
e-mail: resetarits@ccsu.edu

#### CSCU REVIEW STATUS (For System Office Use Only - please leave blank)

Notes regarding Application:

Log of Steps Toward Approval:

Date of Approval:

Date for Inclusion in BOR-ASA Meeting Package:

Comments:

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**NOTE:** Institutions shall seek approval of new programs either as *Licensure* or simultaneous *Licensure* and *Accreditation*:

- a. *Licensure*, normally granted for a period of three years, authorizing the enrollment of students and their advancement toward the completion of degree requirements; or
- b. Licensure and Accreditation, simultaneously authorizing the enrollment and award of credentials to students. The accreditation action is considered renewed with each regional accreditation of the institution. Simultaneous licensure and accreditation is generally sought for new degree and certificate programs that are closely related to a set of already existing programs and aligned with institutional strengths. New degree programs are normally submitted for licensure only, to be accredited after three years. Certificates normally are licensed and accredited simultaneously.

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#### SECTION 2: PROGRAM PLANNING ASSESSMENT

#### Alignment of Program with Institutional Mission, Role and Scope

(Please provide objective and concise statements)

The Supply Chain Logistics Management (MS-SCLM) graduate program at Central Connecticut State University reflects strong commitment to business and industry for advancing knowledge and applications in the supply chain and logistics management. It will build upon existing courses and existing faculty resources and expertise. The Manufacturing and Construction Management (MCM) department currently offers the following:

- **B.S.** Manufacturing Management and Technology Management programs at the undergraduate level. Students in these programs take the course Supply Chain and Purchasing Strategy. Graduates are employed in Supplier Quality and Materials Management positions where they are responsible for assuring part quality and managing materials and subcomponents supply.
- *M.S. Technology Management Program* has been offered for over 20 years. This program has six core courses and five elective courses which allow students to specialize in Supply Chain and Logistics Management area. The new MS program will use these core areas of concentration and students will pursue their individual interests from the elective courses.

*Official Certificate Program* (OCP) in Supply Chain and Logistics Management is a four-course sequence that has been offered for the past 10 years. These courses will become part of the core requirements of the new M.S. in Supply Chain and Logistics Management.

Fit with Institutional Mission. The MS-SCLM degree program will support the University's distinctive commitment as a comprehensive public university to provide broad access to quality degree programs at all levels and respond to workforce needs to enhance the state's economic development. Consistent with this mission, the M.S. in Supply Chain and Logistics Management will operate in concert with the Master of Science in Technology Management and the OCP programs to prepare students to be knowledgeable and effective professionals who contribute to their employers' success.

**Fit with School of Engineering, Science and Technology**: The MS-SCLM program is consistent with the mission of SEST:

The School of Engineering, Science and Technology will strive to provide an innovative and unique educational experience to every student, develop the most qualified engineers, scientists and technologists. The School will maintain academic excellence in a wide variety of traditional disciplines and develop innovative disciplines in emerging fields, creating interdisciplinary educational and research programs, and building the infrastructure to support the expansion of programs.

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The School will be a leader in developing cross-disciplinary initiatives that combine and expand the talents of its students and faculty in all disciplines and prepares our graduates for a multidisciplinary world through a flexible and diverse curriculum; and, meets the needs for a well-educated and skilled workforce.

#### **Addressing Identified Needs**

How does the program address CT workforce needs and/or the wellbeing of CT society/communities – and include a
description/analysis of employment prospects for graduates of this proposed program (Succinctly present as much factual
evidence and evaluation of stated needs as possible)

Graduates will be prepared to accomplish logistics operational excellence and challenging aspects of operations by creating links between manufacturers, suppliers, and consumers. The operational leadership will be achieved by coordinating new technologies and the processes to achieve budgets, metrics and customer goals and expectations.

The US companies widely adopted supply chain management and logistics due to increased globalization. Our local manufacturing enterprises are driven to pursue a global manufacturing strategy. These companies transcend national boundaries to leverage raw materials, resources, outsourcing capabilities and marketing worldwide.

Every company in the state of Connecticut is involved with and has need for knowledge of Supply Chain Logistics Management. The demand for professionals in this field represents a growing opportunity. Every company has the need to purchase products from the supply chain and ship products to customers requiring logistic support.

Students will seek out the Supply Chain Logistics Management (SCLM) Master's Degree program from the following sources:

- 1. Students with technology management or engineering technology major, as well as any science or business major.
- 2. Professionals from manufacturing industries employed in supply chain functions.
- 3. Professionals in service industries employed in warehousing and logistics functions.
- 4. Professional from manufacturing industries and service companies who are employed in allied fields such as engineering, quality, finance, and IT.
- 5. Federal government (e.g. Department of Defense) personnel seeking advanced degrees.
- 6. State and local government employees engaged in purchasing and supply chain management.

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Thriving Supply Chain Jobs in the State of Connecticut:

Connecticut is home to major Original Equipment Manufacturers (OEM) integrated with Global Supply Chain. The major manufactures: Pratt & Whitney, Electric Boat, and Sikorsky and a supply chain of over 600 small and medium manufacturers (SMMs) experience a dramatic Increase in Production Goal in aerospace and naval sectors.

- Pratt & Whitney (P&W) expects to more than double engine production by 2020. Much of this production work will be performed by SMMs: 80% of P&W's engine parts are manufactured by their supply chain and anticipates new hiring includes supply chain professionals to increase by 25,000 by 2025.
- Three major Navy programs, Virginia-Class Submarine, Columbia-Class Submarine and Virginia Payload Module, will require that Electric Boat hires 14,000 new employees over the next decade to meet Navy requirements.
- **Sikorsky** is expected to inject \$6.5 billion into its supply chain under the deal, increase full-time employment in Connecticut to more than 8,000 workers, double current spending of \$350 million per year with in-state suppliers, and increase capital spending by 22%.

Hartford area employment (numbers in thousands)	Sep. 2017	Chang Sep. 2016 to	
		Number	Percent
Total nonfarm	572.3	-0.4	-0.1
Mining, logging, and construction	19.6	-1.7	-8.0
Manufacturing	56.5	0.5	0.9
Trade, transportation, and utilities	90.7	0.9	1.0
Information	11.3	-0.3	-2.6
Financial activities	56.8	-0.4	-0.7
Professional and business services	75.7	2.2	3.0
Education and health services	107.6	0.6	0.6
Leisure and hospitality	47.0	-1.3	-2.7
Other services	23.0	1.2	5.5
Government	84.1	-2.1	-2.4

Source: U.S. BLS, Current Employment Statistics.

Web link: https://www.bls.gov/regions/new-england/summary/blssummary\_hartford.pdf

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Supply Chain Logistics Manager Jobs, 2016-17 (City, CT)

СТ	April '17	Sep '17	Nov 29, '17
Stamford	110	105	90
East Hartford	54	51	45
Wilton	23	38	28
Hartford	29	22	18
Windsor Locks	19	23	16
Shelton	18	19	15
Danbury	16	14	13
Norwalk	21	15	13
Stratford	11	18	12
New Haven	15	9	10

Supply Chain Logistics Manager Jobs, (Company, CT)

Job Type	Company
Full-time (376)	Deloitte (56)
Contract (36)	Pratt & Whitney (40)
Commission (4)	Auto Plus Pep Boys (19)
Temporary (4)	ASML (16)
Internship (2)	UTC Aerospace Systems (13)
Part-time (1)	Nestlé Waters North America (13)

Source: www.indeed.com, Nov 29, 2017

The changing landscape of Connecticut's Business and Industry community has brought about a greater need for trained professionals in the field of Supply Chain and Logistics Management. The Supply Chain Logistics Management MS program will support the state's manufacturing and advanced manufacturing industries. It will also support the state's service sector, through filling positions in supply chain, logistics, or both.

#### Example 1: Durable Goods Manufacturing

Pratt & Whitney has gone from a business model where 80% of their engine parts were made by Pratt & Whitney and 20% made by suppliers to where currently 80% of their parts are made by their various suppliers in the global supply chain. Pratt & Whitney currently only makes 20% of their own engines. This model is being repeated throughout the United States thus creating great demand for professional in Supply Chain and Logistics Management. <a href="http://www.pw.utc.com/Videos/Story/supply-chain-critical-role/All/Global%20Supply%20Chain">http://www.pw.utc.com/Videos/Story/supply-chain-critical-role/All/Global%20Supply%20Chain</a>

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Example 2: Online Order Fulfillment Service

Amazon recently opened at large distribution center in Connecticut. The move to online shopping has created greater demand for shipping the products purchased online. Amazon, UPS, and FedEx are hiring supply chain and logistics professionals at unprecedented levels to keep up with demand. UPS just announced that it will hiring 6,000 people and expanding its service to include Saturday deliveries. <a href="http://money.cnn.com/2017/04/03/news/companies/ups-saturday-delivery/">http://money.cnn.com/2017/04/03/news/companies/ups-saturday-delivery/</a>

The Supply Chain Logistics Management master's degree program responds to the employment needs of manufacturing and service industries in the state of Connecticut. It also responsive to the feedback from our department's Industry Advisory Board (IAB) members that our graduates should acquire skills in the supply chain and logistics management field. This new master's degree will further strengthen our commitment to the industrial community.

Companies in Connecticut have steadily expanded hiring in supply chain and logistics management since the mid-1990s due to increased globalization. Local manufacturing enterprises have been driven by their customers to pursue global manufacturing strategies. These strategies transcend national boundaries to leverage raw materials and related resources, technical and managerial capabilities, and sales and marketing worldwide.

According to Mr. Dean Vella: "Today, successful companies rely on the skills of supply chain management professionals to keep their goods and services flowing to the marketplace quickly, efficiently, and as cost-effective as possible. Supply chain management is a bright spot among up-and-coming careers, with employment opportunities in a wide variety of industries, in firms of all sizes. If you're interested in a challenging career with a variety of specializations, as well as prospects for advancement, you might want to check out supply chain management."

http://www.inboundlogistics.com/cms/article/supply-chain-management-a-needed-and-growing-opportunity/

According to the 20th annual Third-Party Logistics Study: "The logistics industry is facing an unprecedented labor shortage", unveiled at the Council of Supply Chain Management Professionals annual conference in San Diego (<a href="http://www.3plstudy.com/">http://www.3plstudy.com/</a>). The shortage of supply chain and logistics workers nationwide has been the subject of numerous conferences, articles in national business and trade publications, and national television news shows.

Over the last 20 years, production has become globalized. In the early years, staffing was inadequate to support this major change in business process. As a result, they have experienced various types of disruptions in supply, thereby impacting their customers' satisfaction. Connecticut and other U.S. companies have learned that higher levels of staffing are necessary to properly oversee supply, logistics, warehousing, quality, and supplier performance.

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The Bureau of Labor Statistics forecasts two percent annual growth in supply chain and logistics employment in the entire United States through 2024. The median pay for supply chain management personnel in 2015 was \$59,620 per year (\$28.66 per hour), while the median pay for logistics personnel in 2015 was \$74,260 per year \$35.70 per hour (<a href="https://www.bls.gov/ooh/business-and-financial/buyers-and-purchasing-agents.htm">https://www.bls.gov/ooh/business-and-financial/buyers-and-purchasing-agents.htm</a> and <a href="https://www.bls.gov/ooh/business-and-financial/logisticians.htm">https://www.bls.gov/ooh/business-and-financial/logisticians.htm</a>).

In many Connecticut companies, that the number of available positions is likely to increase in the next 10 years as the Baby Boomer generation reaches retirement age, and the need for workers with experience in supply chain management and logistics management continues to rise.

There is a significant amount of collaboration and relationship management required between manufacturers, suppliers, distributors, and the customers to be successful in industry. Global manufacturing activities have been dispersed and carried out in diverse locations. As a result, new knowledge and skills are required to perform technical job requirements, relationship management, and monitoring and improving supplier performance. Local industries demand new talent for supply chain management and logistics management positions.

Among the organizations which CCSU's MCM department work with the partners:

- The Connecticut Center for Advance Technology (CCAT),
- Connecticut Business and Industry Association (CBIA)
- Aerospace Components Manufacturers (ACM)
- American Association for Quality (ASQ) Hartford Chapter
- The Regional Center for Next Generation Manufacturing (RCNGM)
- PL Worldwide: Connecticut Logistics (http://www.3plworldwide.com)

The practical curricula and applied research done by the faculty provide Connecticut employers with students who are work-ready upon graduation. With minimal orientation, our graduates will quickly become contributing members of staff.

• How does the program make use of the strengths of the institution (e.g. curriculum, faculty, resources) and of its distinctive character and/or location?

The core academic courses that support the M.S. in Supply Chain Logistics Management program already exist and have successfully been offered at the graduate level for ten years. The faculty are currently in place, but one additional faculty member could be utilized to support the new program and ensure a level of quality that is recognized and supported by Connecticut businesses. The computer laboratories and software needed to support the program currently exist.

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Central Connecticut State University (CCSU) by its very name is centrally located geographically within the state of Connecticut, and thus giving easy access to students and employers throughout the state. CCSU has long been known for its School of Engineering and Technology. The laboratory facilities, computers and manufacturing facilities are well equipped with state of the art equipment and software.

The Department of Manufacturing and Construction Management is well known and respected in the Connecticut manufacturing and service industries, including local logistics providers. Faculty publish research articles and give professional presentations to local, national, and international conferences and symposiums. Faculty expertise is also utilized by many manufacturing and logistics providers through the Institute for Technology and Business Development (ITBD). ITBD was developed and administered originally by faculty of the School of Engineering and Technology to meet the needs of Connecticut manufacturers.

Over the years, the MCM department has worked with many organizations placing students in the Connecticut workforce with internship and Co-op positions that are a requirement for undergraduate programs. MCM department have learned the concern of the local manufacturing enterprises through personal meetings, professional conferences, and industry advisory board meetings. Students are sought by employers for a wide range of different permanent positions upon graduation.

Another resource is our Industrial Advisory Board (IAB), composed of leaders from area manufacturing and service companies. The board members guide the faculty and the department towards future employment needs and help ensure that our undergraduate and graduate programs meet their needs. These industry partners are committed sponsors of this new master's degree program. They will support the program through enrollments of their employees, and through employment opportunities for new graduates.

The new MS-SCLM degree program will strengthen CCSU's ability to educate the leaders who will advance the understanding of global supply chain and logistics challenges that exist currently, and skill sets for the future challenges.

• Please describe any transfer agreements with other CSCU institutions that will become instituted as a result of the approval of this program (Please highlight details in the Quality Assessment portion of this application, as appropriate)

Following are the community colleges in Connecticut offer Associate Degree in Supply Chain Management: Three Rivers CC, Norwich, CT; Manchester CC, Manchester, CT; Naugatuck Valley Community College, Waterbury, CT; Quinebaug Valley Community College, Danielson, CT. Students

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from these programs could transfer to our B.S. programs and then enroll in the M.S. program in SC&LM

Academic Credit will be granted for students who have previously earned any of the five professional certifications listed below:

- CPSM The Certified Professional in Supply Management® designation from ISM (Institute of Supply Management.
- CPIM Certified in Production and Inventory Management from APICS (Professional Association for Supply Chain Management)
- CSCP Certified Supply Chain Professional from APICS
- CTLD Certified in Transportation, Logistics, and Distribution from APICS.
- CPL Certified Professional Logistician from SOLE (The International Society of Logistics)

Please indicate what similar programs exist in other CSCU institutions, and how unnecessary duplication is being avoided

The Supply Chain and Logistics Management is the only master's degree program of its type in the CSCU system.

There is no duplication. This is a unique program that will exist at CCSU.

A list of peer program in Supply Chain and Logistics Management offered at the graduate level (not offered in the state of Connecticut) in the U.S. presented in **Appendix B**.

#### Cost Effectiveness and Availability of Adequate Resources

(Please complete the PRO FORMA Budget – Resources and Expenditure Projections on page 6 and provide a narrative below regarding the cost effectiveness and availability of adequate resources for the proposed program. Add any annotations for the budget form.)

This program has been designed to be extremely cost effective. It utilizes all existing resources and will require no new resources. All courses are currently successfully offered in the department.

The following resources are already in place: program coordinator, teaching faculty, library resources, department secretary.

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**SECTION 3: PROGRAM QUALITY ASSESSMENT** 

**Learning Outcomes - L.O.** (Please list up to seven of the most important student learning outcomes for the program and concisely describe assessment methodologies to be used in measuring the outcomes. If the program will seek external accreditation or qualifies graduates to opt for a professional/occupational license, please frame outcomes in attention to such requirements. With as much detail as possible, please map these learning outcomes to courses listed under the "Curriculum" section of this application)

Upon successful completion of all program requirements, graduates will be able to:

- 1. Apply knowledge of technology and management principles to the contemporary supply chain and logistics practices as the following
  - Sourcing raw materials and parts, flow of materials
  - Manufacturing and assembly operations support, scheduling
  - Warehousing, inventory, data analysis, tracking
  - Forecasting, order entry and order management
  - Transportation, distribution network, delivery to the customer
- 2. Identify, analyze, and solve supply chain and logistical problems using continuous improvement methods.
- 3. Relationship management with suppliers inside and outside the organization.
- 4. Acquire knowledge and skills to meet the evolving challenges of global supply chains and logistics.
- 5. Communicate effectively in written, oral, graphic and visual modes. Coordinate and communicate with key stakeholders inside and outside the organization.

**Program Administration** (Describe qualifications and assigned FTE load of administrator/faculty member responsible for the day-to-day operations of the proposed academic program. Identify individual for this role by name or provide time frame for prospective hiring)

Dr. Bob Emiliani will assume the program coordinator role of the new MS SCLM program [He is currently graduate coordinator of (MS) Technology Management program]

**Faculty** (Please complete the faculty template provided below to include current full-time members of the faculty who will be teaching in this program and, as applicable, any anticipated new positions/hires during the first three years of the program and their qualifications) How many new full-time faculty members, if any, will need to be hired for this program?

No new faculty needed to hire for the first three years of this program. Based on the projected growth of the MS SCLM program, additional resources should be needed at the fourth year.

What percentage of the credits in the program will they teach?

What percentage of the credits in the program will they teach? 85%

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What percent of credits in the program will be taught by adjunct faculty?

What percent of credits in the program will be taught by adjunct faculty? 15%

Describe the minimal qualifications of adjunct faculty, if any, who will teach in the program

Adjunct faculty must possess an M.S. degree and relevant industry experience in the subject matter of the course they will be assigned to teach.

**Special Resources** (Provide a brief description of resources that would be needed specifically for this program and how they will be used, e.g. laboratory equipment, specialized library collections, etc. Please include these resources in the Resources and Expenditures Projections spreadsheet)

No special resources or laboratory equipment needed for this program.

The new program will run using all the existing resources.

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#### Curriculum

(Please list courses for the proposed program, including the core/major area of specialization, prerequisites, electives, required general education courses (undergraduate programs), etc. Using numerals, map the Learning Outcomes listed in the previous section to relevant program courses in this table. Mark any new courses with an asterisk \* and attach course descriptions. Mark any courses that are delivered fully online with a double asterisk \*\* Please modify this format as needed)

Course Number and Name	L.O. # 1	Pre- Requisite	Cr Hrs	Course Number and Name	L.O. #	Cr Hrs
Program Core Courses				Other Related/Special Requirements*		
SCLM 562: Supply Chain Strategy	1, 3		3			
SCLM 563: Strategic Logistics Management	4		3			
SCLM 564: Quality Systems Management	2, 5		3			
SCLM 565: Logistics: Traffic & Transportation	1		3			
SCLM 566: Distribution & Warehouse Management	1, 4		3			
TM 510: Industrial Operations Management	1, 5		3			
TM 561: Applications of Lean Principles	2		3			
Core Course Prerequisites				Elective Courses in the Field		
				TM 500: Product Life Cycle Management	1, 4	3
				TM 502: Human Relation & Behavior in Complex Organizations	3, 5	3
				TM 512: Principles of Occupation Safety	1	3
				TM 464: Six Sigma Quality	2	3
				TM 490: Advanced Six Sigma Quality	2	3
				TM 551: Project Management	3, 5	3
				TM 572: Innovative Leadership	5	3
				AC 521: Accounting and Performance  Measurement for Lean Enterprise	1	3
				SET 590: International Field Studies: Global Supply Chain	1, 4	3
Total Other Credits Required to Issue Creden	tial (e.	g. GenEd/Lib	eral Arts C	Core/Liberal Ed Program)		

**Program Outline** (Please provide a summary of program requirements including total number of credits for the degree, special admission requirements, capstone or special project requirements, etc. Indicate any requirements and arrangements for clinical affiliations, internships, and practical or work experience. For example: "The Finance Major entails 18 credits of Related Course requirements from a range of disciplines (6 credits of which apply to the Liberal Arts Core (LAC), or institution's GenEd program), 24 credits of courses in Business (3 credits of which apply to the LAC/GenEd), 18 credits of coursework in Finance (including a 6-credit internship), and 9 elective credits from a list that includes courses in Economics, Finance, and Business. Students must take a minimum of 24 credits of coursework for the major at the institution and must maintain a GPA of 2.5.")

\*Special Requirements include co-curriculum activities – structured learning activities that complement the formal curriculum – such as internships, innovation activities and community involvement.

**NOTE:** The PRO FORMA Budget on the last page should provide reasonable assurance that the proposed program can be established and is sustainable. Some assumptions and/or formulaic methodology may be used and annotated in the "Cost Effectiveness ..." narrative on page 2.

<sup>&</sup>lt;sup>1</sup> From the Learning Outcomes enumerated list provided at the beginning of Section 3 of this application

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**Full-Time Faculty Teaching in this Program** (Note: If you anticipate hiring new faculty members for this program you may list "to be hired" under name and title. Provide required credentials, experience, and other responsibilities for each new position anticipated over the first three years of implementation of the program)

Faculty Name and Title	Institution of Highest Degree	Area of Specialization/Pertinent Experience	Other Administrative or Teaching Responsibilities
Bob Emiliani, Professor	PhD, Brown University	Supply chain Management, Lean Systems, Innovative Leadership	
Paul Resetarits, Professor	PhD, University of Connecticut	Quality Systems Management, Product Life Cycle, Global Supply Chain	
Haoyu Wang, Associate Professor	PhD, Syracuse University	Mechanical CAD, Manufacturing Processes, Optimization	
Ravindra Thamma, Professor	PhD, Iowa State University	Automation, Quality, Programming, Advanced Manufacturing	
Mohammad Rahman, Assoc. Professor	PhD, Louisiana State University	Supply Chain & Logistics Systems, Transportation, Statistical Modeling	
Jacob Kovel, Associate Professor	PhD, Georgia Institute of Technology	Systems Engineering, Logistics Strategy, and Processes	
Hassan Shibly, Associate Professor	PhD, Carnegie Mellon University	Data Mining, System Analysis, Testing of Prototype Systems	
Pano Koukopoulos, Adjunct Professor	MS, Western CT State University	Industrial Safety, Supply Chain Management	
Peter E. Teti, Adjunct Professor	M.S, Rensselaer Polytechnic Institute at Hartford	Six Sigma Quality, Suppliers Quality	
Mohamed A. Saleh, Adjunct Professor	MS, Central Connecticut State University	Application of Lean Principles	
David Stec, Adjunct Professor	MS, Massachusetts Institute of Technology (MIT)	Operations Management, Project Management	

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			First	Year					Secon	d Year					Thire	l Year		
PROJECTED Enrollment	Fall Se	mester	Spring S	Semester	Sur	nmer	Fall Se	Fall Semester Spring Semester		mester Summer Fall Semester Spring Semester Summer		mmer						
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT PT	
Internal Transfer (from other programs	4	5	5	4	0	6	2	6	2	7	0	3	2	6	2	7	0	3
New Students (first time matriculating)	2	6	3	6	0	8	3	8	5	8	0	9	4	8	5	8	0	9
Continuing Students progressing to credential	0	0	0	0	0	0	6	11	8	10	0	14	6	14	7	15	0	12
Headcount Enrollment	6	11	8	10	0	14	11	25	15	25	0	26	12	28	14	30	0	24
Total Estimated FTE per Year <sup>1</sup>	1	0	1	1		5	1	9	2	3		9		21	- :	24		8
			First	Year					Secon	d Year					Thire	d Year		
PROJECTED Program Revenue	Fall Se	mester	Spring S	Semester	Sur	nmer	Fall Se	mester	Spring S	Semester	Sur	nmer	Fall Se	emester	Spring	Semester	Su	mmer
	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT	FT	PT
Tuition <sup>2</sup>	\$11,835	\$11,772	\$17,753	\$11,772	0	\$15,456	\$53,258	\$37,278	\$76,928	\$25,506	0	\$21,252	\$59,175	\$43,164	\$71,010	\$23,544	0	\$25,116
Tuition from Internal Transfer <sup>2</sup>	\$23,670	\$9,810	\$29,588	\$7,848	0	11592	\$11,835	\$11,772	\$11,835	\$13,734	0	0	\$11,835	\$11,772	\$11,835	\$13,734	0	0
Program Specific Fees (lab fees, etc.)	<b>\$0</b>	\$0	\$0	\$0	0	0	\$0	\$0	\$0	\$0	0	0	\$0	\$0	\$0	\$0	0	0
Other Revenue (annotate in narrative)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Annual Program Revenue			\$151	,095			NOTE: Ev	cting regula	,	3,397	nnlication f	or a new pr	ogram shall	include a c	•	1,185	an for imple	ementing and
							financing the services re- funding. If identify the	ne proposed quired; the resources t resources t	program du availability o operate a o be employ	ring the first of existing r program are	cycle of or esources to to be prov in how exis	peration, bas o support the ided totally ting program	ed on proje e program; or in part th as will be aft	cted enrollm additional r rough reallo fected. Real	nent levels; the source required to a source requir	he nature an irements; an sting resour resources to	nd extent of and projected acces, the instance	instructional disources of stitution shall and changing
PROJECTED Program Expenditures <sup>3</sup>							1 1 FTE	= 12 credit ho	urs for underç	graduate progr	ams; 1 FTE	= 12 credit ho	urs for gradua	ate programs;	both for Fall 8	Spring		
	First	Year	Secon	d Year	Thire	d Year	2 Reven	ues from all co	ourses student	s will be taking								
Administration (Chair or Coordinator) <sup>4</sup>	\$12	,333	\$12	,333	\$12	2,333	3 Capital	outlay costs, ir	nstructional sp	ending for rese	earch and se	rvices, etc. ca	n be excluded	i.				
Faculty (Full-time, total for program) 4	\$122	2,837	\$143	3,309	\$143	3,309	4 If full-tim	e person is so	olely hired for	this program, ι	use rate time;	otherwise, us	e a percentag	e. Indicate if	new hires or e	xisting faculty/	staff.	
Faculty (Part-time, total for program) 4	\$	0	\$27	,908	\$27	7,908	5 e.g. stu	dent services.	Course deve	elopment would	d be direct pa	ayment or rele	ase time; marl	keting is cost o	f marketing that	at program sep	parately.	
Support Staff ( lab or grad assist, tutor)								vith your Busi erations and n		community colle	eges have or	ne rate; the oth	ers each hav	e their own. I	ndirect Cost m	ight include su	ch expenses	as student
Library Resources Program	\$1,	125	\$1,	525	\$1,	750												
Equipment (List in narrative)																		
Other <sup>5</sup>	\$3,0	000	\$3,	000	\$3,	,000												
Estimated Indirect Costs <sup>6</sup>																		
Total Expenditures per Year	\$139	,295	\$188	3,076	\$188	8,301												

## Connecticut State Colleges & Universities APPLICATION FOR NEW PROGRAM APPROVAL

### Appendix A: Certification Blanket Waiver

(List of CTL Academic Program Schools)

ABOUT SHOP PARTNER & EVENT FINDER APICS FOR BUSINESS APICS SCC CONTACT

LOGIN



APICS is the premier professional association for supply chain management.

RESEARCH EDUCATION CERTIFICATION PARTNERS MEMBERSHIP

Certification and Education > Certification > Logistics > CTL > CTL Academic Programs

### CTL Academic Programs

The Board of Examiners has approved college programs that are aligned with the exam modules required for the Certified in Transportation and Logistics (CTL) professional certification program. If you are graduating within the next two months or have graduated from any of the approved CTL academic program schools listed below in the past six months, you may apply for the blanket waiver for your CTL Certification.

How do you benefit from this program?

- Potential employers know you have gone that additional step to prove your commitment to the profession.
- · Studies show a professional credential increases salaries by 10 to 20%
- Membership in APICS offers access to a global network of industry professionals through the members only search engine, LinkedIn Group and FaceBook page.

#### Approved CTL Academic Program Schools

The coursework in the following schools meets the requirement for the CTL Professional Certification. These institutions are approved by the Board of Examiners as an Approved CTL Academic Program School for students graduating with an undergraduate degree, Master of Science, or Ph.D. in an industry related field.

Air Force Institute of Technology
Arkansas State University
Auburn University
Bellevue University
California State University/San Bernardino
East Carolina University
Embry-Riddle Aeronautical University
Georgia Southern University
Indiana University
Indiana University
John Carroll University
Maine Maritime Academy
Michigan State University
N.C. A&T State University
Ohio State University

Pennsylvania State University
Syracuse University
University of Arkansas
University of British Columbia
University of Denver (undergrad) (graduate)
University of Houston
University of Maryland/College Park
University of North Florida
University of North Texas
University of Rhode Island
University of Southern Mississippi
University of Tennessee
University of Texas/Dallas
University of Wisconsin/Superior
U.S. Merchant Marine Academy

#### Credential Verification

APICS credential verification

### Logistics Exams and Waivers

Logistics exams and waivers

#### Logistics Maintenance

Logistics maintenance requirements

#### Related Links

APICS CTL program

APICS GLA program

APICS PLS program

APICS CPIM program

APICS CSCP program

APICS SCOR-P program

Logistics FAQs

### APICS Member Advantage

Not an APICS member? APICS members save on APICS online courses and exams. Join APICS.

#### APICS Supply Chain Channel

Interested in earning an APICS credential? Discuss it with your peers in the Supply Chain Channel.

Request a CTL Certification Blanket Waiver

# **Connecticut State Colleges & Universities** *APPLICATION FOR NEW PROGRAM APPROVAL*

### Appendix B: Peer Program in Supply Chain Management in the U.S.

	Peer Program Schools	Name of Program	Website
1	American Intercontinental University	MBA with a concentration in Supply Chain Management	http://dunwoody.aiuniv.edu/degree- programs/masters-degree-supply-chain- management-mba/
2	American Military University	Logistics Management Certificate	http://www.amu.apus.edu/Catalog/o8/grad uate/degree/certificates/logistics/logistics.h tm
3	American Military University	Master of Arts in Transportation and Logistics Management	www.amu.apus.edu
4	American Society of Transportation and Logistics Inc.	Certificate in Transportation and Logistics	http://www.astl.org/i4a/pages/index.cfm?pageid=1
5	Arizona State University	Transportation Systems Graduate Certificate Program	http://design.asu.edu/transportation/
6	Arizona State University	MBA with a Specialization in Supply Chain Management	http://wpcarey.asu.edu/mba/ft/
7	Baruch College The City University of New York	Import Trade Operations and Procedures Certificate	http://www.baruched.com/programs/certificates/internationaltradeoperationsandprocedures.htm
8	Baruch College The City University of New York	Export Trade Operations and Procedures Certificate	http://www.baruched.com/programs/certificates/internationaltradeoperationsandprocedures.htm
9	Baruch College The City University of New York	Internal Supply Chain Security and Compliance Certificate	http://www.baruched.com/programs/certificates/internationaltradeoperationsandprocedures.htm
10	California State University	Master of Arts in Global Logistics	http://www.uces.csulb.edu/extension/cours e_listing/programdescription.aspx?&Group _Number=226&Group_Version=1
11	Clarkson University	MBA with Global Supply Chain Management Track	http://www.clarkson.edu/business/mba/curriculum/global.html
12	Columbus State Community College	Logistics Certificate	http://www.cscc.edu/projecteagle/about/st udent.htm
13	Columbus State Community College	Global Trade Certificate	http://www.cscc.edu/projecteagle/about/st udent.htm
14	Columbus State Community College	SCM Certificate	http://www.cscc.edu/Programs/description s/logi.htm
15	East Carolina University	Master of Science in Technology Systems- Concentration in Industrial Distribution and Logistics	http://www.tecs.ecu.edu/tsys/grad/msts/idl .htm
16	Elmhurst College	Master of Science in Supply Chain Management	http://public.elmhurst.edu/scm
17	Florida Institute of Technology	Transportation Management Certificate	http://uc.fit.edu/dl/academics/certificates/index.html
18	Florida Institute of Technology	Master of Science in Logistics Management	http://uc.fit.edu/
19	George Mason University	Master of Arts in Transportation Policy, Operations, and Logistics	http://policy.gmu.edu/Home/AcademicProfessionalPrograms/MastersPrograms/TransportationPolicyOperationsLogistics/tabid/1o8/Default.aspx
20	Georgia College and State University	Master of Science in Administration-Logistics Management	http://www.gcsu.edu/graduate/gradpages/logisticsmanagement.html
21	Georgia Institute of Technology	Executive Masters of Science in International Logistics	www.emil.gatech.edu
22	Georgia Institute of Technology	The Supply Chain & Logistic Certificate	http://www.scl.gatech.edu/professional- education/certificates/

# **Connecticut State Colleges & Universities** *APPLICATION FOR NEW PROGRAM APPROVAL*

23	Golden Gate University	Operations and Supply Chains- Graduate Certificate	http://www.ggu.edu/academic_programs/operations_and_supply_chain
24	Illinois Institute of Technology	Professional Master of Transportation Engineering	http://www.iit.edu/engineering/cae/progra ms/grad/ms_ce.shtml
25	Indiana University	MBA with Specialization in Supply Chain and Operations	http://kelley.iu.edu/mba/academics/major Minor.cfm?area=SPCHNOPMBA
26	Indiana University	Master of Science in Global SCM	http://www.kd.iu.edu/programs/msgscm/overview.htm
27	Institute of Logistical Management	Certified Logistics Practioner (CLP)	http://www.logistics-edu.com/
28	International Import- Export Institute at Dunlap-Stone University	Certificate in International Trade Logistics Specialist	http://www.expandglobal.com/
29	Iowa State University	Master of Science in Transportation	http://www.ctre.iastate.edu/mstrans/index. htm
30	Iowa State University	MBA with Specialization in Supply Chain Management	http://www.bus.iastate.edu/mba/common/ supplychain.asp
31	Lehigh Universtiy	Supply Chain Management Certificate	http://lehighmba.com/certPrograms.asp#s cm
32	Lenoir Community College	Global Logistics Technology Skills Certificate	http://www.lenoircc.edu/nsite/academicprogs/globalogA2517o.htm
33	Maine Maritime Academy	Masters in Global Supply Chain Logistics	http://ibl.mainemaritime.edu/graduate.php
34	Marshall University	Master of Science in Technology Management with an Emphasis in Transportation Systems and Technology	http://www.marshall.edu/cite/academics/Programs/PDescTmGCur.htm
35	Massachusetts Institute of Technology	Master of Engineering in Logistics	http://web.mit.edu/mlog/program/index.ht ml
36	Massachusetts Institute of Technology	Master of Science in Transportation	http://cee.mit.edu/index.pl?id=15054
37	Michigan State University	Master of Science in SCM	http://www.bus.msu.edu/supplychain/msscm/
38	Michigan State University	Ph.D. in Logistics	http://www.bus.msu.edu/supplychain/phd/logistics/index.html
39	Mississippi State University	Master of Science in Civil Engineering with a Specialization in Transportation Engineering	http://www.bagley.msstate.edu/
40	North Dakota State University	Ph.D. in Transporation and Logistics	http://www.mountain- plains.org/education/tlprogram/
41	North Dakota State University	Master of Science in Military Logistics	http://www.ugpti.org/mml/
42	Northwestern University	Technology and Operations Program-Supply Chain Management	www.kellogg.northwestern.edu/execed
43	Ohio State University	Master in Business Logistics Engineering	http://www.cob.ohio- state.edu/prospective/graduate/mble
44	Pennsylvania State University	MBA with Concentration in SCM	http://www.smeal.psu.edu/mba/curric.html /scmcon.html
45	Pennsylvania State University	Supply Chain Certificate	http://www.smeal.psu.edu/psep/topic
46	Purdue University	MBA with Concentration in Global Supply Chain Management	http://www.mgmt.purdue.edu/programs/masters/Degree_Programs/Full_Time/MBA/Options/GSCM.asp
47	Rutgers, The State University of New Jersey	MBA with Concentration in SCM	http://business.rutgers.edu/default.aspx?id =80

## **Connecticut State Colleges & Universities** *APPLICATION FOR NEW PROGRAM APPROVAL*

		Master of Science in	http://www.civil.tamu.edu/areas/transporta
49	Texas A&M University	Transportation Engineering	tion/index.html
Γ0	Texas Christian University	MBA with Certificate in Supply	http://neeley.tcu.edu/default.asp?nodeid=1
50	Texas Christian Oniversity	and Value Chain Management	68
51	University of Alaska	Graduate Certificate in Supply	http://www.cbpp.uaa.alaska.edu/logonline
	,	Chain Management	gradcertificate.asp
52	University of Alaska	Certificate in Logistics	http://www.cbpp.uaa.alaska.edu/logoperationscareer.asp
53	University of Arkansas	MBA Program with Career Track of SCM	http://gsb.uark.edu/
54	University of Arkansas	Master of Information Science with Concentration in Transportation/Logistics Technology Management	http://gsb.uark.edu/ISYS/default.asp
55	University of Arkansas	Master of Science in Transportation Engineering	http://www.cveg.uark.edu/861.php
56	University of Denver	Master of Science in Intermodal Transportation Management	http://www.du.edu/transportation/ExecutiveMastersProgram/index.html
57	University of Minnesota	Transportation Studies Certificate	http://www.cts.umn.edu/Education/Certific ate/
58	University of Missouri-St. Louis	MBA Program - Emphasis in Logistics & Supply Chain Management	http://www.umsl.edu/divisions/business/m baonline/emphasis-logistics.htm
59	University of North Texas	MBA with Concentration in Logistics and Supply Chain Management	http://www.coba.unt.edu/programs/master s/mba-logistics.php
60	University of Tennessee- Knoxville	MBA with a Concentration in Logistics	http://mba.utk.edu/Concentrations/logi_pros.htm
61	University of Texas- Arlington	M.S. in Logistics	http://ieweb.uta.edu/jrogers/MS%2oLog% 20Program2007.htm
62	University of Washington	GTTL Certificate	http://depts.washington.edu/gttl/
63	University of Wisconsin	Wisconsin MBA with Specialization in SCM	http://www.bus.wisc.edu/mba/
64	University of Wisconsin	Transportation and Logistics Management Certificate	http://exed.wisc.edu/transportation/default .asp
65	University of California Riverside Extension	Purchasing, Logistics and Supply Chain Management Certification	http://www.iep.ucr.edu/Programs/academi c_logistics.html
66	University of Florida	Executive Master of Science in Information Systems and Operations Management with a Concentration in SCM	http://www.cba.ufl.edu/isom/cscm/execmsi som/
67	University of Michigan	M.S. In Supply Chain Management	http://www.bus.umich.edu/Admissions/MS CM/WhySupplyChain.htm

SCM= Supply Chain Management

## **Connecticut State Colleges & Universities** *APPLICATION FOR NEW PROGRAM APPROVAL*

Appendix C: Sample Supply Chain Logistics Management Jobs in Connecticut and Salary

#### Internship, Global Supply Chain

United Technologies Corporation – East Hartford, CT

\$62k-\$100k

Whitney Global Supply Chain Internship Program will be enrolled in a BS Degree program in Business, Supply Chain Management, Operations... extensive exposure to the worlds of operations and supply chain management throughout Pratt & Whitney's value stream. The intern program...

10-22-1017

#### Supply Chain Manager

Barnes Group Inc. - Windsor, CT

\$75k-\$117k

will act as a subject matter expert in the area of supply chain management. He/she will develop and manage the materials planning... Qualifications: Five to ten years of related Supply Chain Management experience in an Engineer-to-order manufacturing, OEM...

10-21-1017

#### Supply Chain Manager

Pratt & Whitney - 374 reviews - Middletown, CT

Bachelor's Degree - Engineering, Supply Chain, Operations, Business or related technical field. Bachelor Degree Required - Supply Chain, Business, Engineering,...

10-19-1017

#### Supply Chain Buyer

Triumph Group – West Hartford, CT

\$56k-\$91k

distribution of aerospace materials, parts, equipment, and supplies for the organization by performing the following duties.... for various purchased items and advises team members and/or management on the appropriate supplier to be used. Negotiates the lowest...

10-18-1017

#### Shop Assist-Supply Chain

United Technologies Corporation - East Hartford, CT

\$61k-\$98k

projects, good time management Experience in negotiating Education: Bachelor Degree in business, supply chain, technical discipline... The Global Supply Chain team is responsible for working closely with suppliers across the world to ensure we deliver affordable...

10-17-1017

#### Supply Chain Manager

Manufacturing Company in Waterbury, CT area - Naugatuck, CT 06770

\$70,000 - \$75,000 a year

Supply Chain Manager responsibilities and duties\*. Supply Chain Management:. Flabeg Technical Glass is looking for an experienced Supply Chain Manager who can...

10-15-1017

#### Supply Chain Manager

Bohan & Bradstreet - New Haven, CT +1 location

\$95,000 - \$115,000 a year

As Supply Chain Manager, will work directly with internal stakeholders from staff to executive level as well vendors both domestic and international....

10-11-1017

### Manager - Supply Chain Operations

Hartford Health Care – Hartford, CT

\$73k-\$116k

Plan management of Supply Chain Management. Provides project management leadership and coordination for strategic Supply Chain... 3-5 years relevant Supply Chain Management experience 5 years relevant healthcare Supply Chain Management experience...

10-10-1017

### Supply Chain Management 17-00514

Open Systems Technologies (NYC) – Windsor, CT

\$75k - \$119k

Supply Chain/Asset Management Specialist Windsor CT, 06095 Long Term Contract Resource will provide a relationship management... internal/external service providers to the IT organization. Management of IT components within the scope of the service definition

10-07-1017

#### Purchasing Manager Supply Chain

Clinical Management Consultants - Middletown, CT

\$87,713 - \$114,419 a year

Purchasing Manager Supply Chain Job in Middletown CT. A healthcare leadership opportunity is now available in the coastal region of Connecticut for a Purchasing...

09-25-1017

### Supply Chain Manager, APU

Pratt & Whitney - 374 reviews - East Hartford, CT

5 years of experience in supply chain, material/logistics, operations. +10 years' experience in operations, supply chain or logistics management....

### **Connecticut State Colleges & Universities**

APPLICATION FOR NEW PROGRAM APPROVAL

09-23-1017

#### Supply Chain Manager- HSMC Raw Materials

Pratt & Whitney - 374 reviews - East Hartford, CT

The role of the Supply Chain Manager (SCM) is both exciting & challenging. 10+ Operations, Supply Chain or Manufacturing exp....

09-23-1017

#### F135 Logistics Material Manager

Pratt & Whitney - East Hartford, CT

The Logistics Material Manager. The Logistics Material Manager will be responsible for: Good logistics, interpersonal and teaming abilities. UTC

03-27-2017

#### **Logistics Coordinator**

TRUMPF Inc. - Farmington, CT

Schedule and coordinate all domestic machine deliveries and returns. Communicate shipping info to various internal Trumpf departments (buyers, service).

03-29-2017

#### **Distribution Operations Manager**

Thule Group AB - Milford, CT

Coordinate daily, monthly and annual maintenance tasks. Thule Group

04-05-2017

#### Franchise Program Manager - Aerospace (Global Logistics)

EcoServices, LLC - Wethersfield, CT

Global Logistics & Program Implementation:. Export laws and regulations (EAR and ITAR). Maturity, judgment and consultative ability to interact effectively with...

03-26-2017

#### Warehouse Manager

Lyman Products - Middletown, CT 06457

Warehouse Manager Lyman Products, a leading manufacturing in the Shooting Sports Accessory industry is seeking a dynamic, hardworking professional with a .

03-25-2017

#### Sr. Operations Project Manager- PMP

Community Health Center, Inc. - Middletown, CT

Operations Project Manager. Operations Process Manager is responsible for the overall management and day-today activity of process improvement and programs to...

03-22-2017

#### Logistics Manager

etouches - Norwalk, CT o6854

Proven working experience as a logistics manager (2 - 3 years of experience working with Inventory management systems)....

03-21-2017

#### Supply Chain Analyst

The Chef's Warehouse, Ridgefield, CT

Job Title: Supply Chain Analyst Location: Ridgefield, CT Department: Supply Chain Operations. The Supply Chain Analyst will work closely with the executive management team to provide quantitative analysis to help drive more profitability to the corporation through supply chain improvements. Will work with cross functional teams (operations, purchasing, sales, IT, finance, HR) at the executive an...

03-15-2017

#### Supply Market Planner

Stanley Black & Decker, Inc., New Brittan, CT

Requisition Number 38382BR Title Supply Market Planner Business US - GTS - Operations State / Country / Province Connecticut City New Brittan No. of Positions 1 Job Description Job Specifications: This individual will be a key member of the Supply Planning Team The primary responsibility is to provide superior Service Level while maintaining appropriate control of Inventory and ensuring cr...

03-19-2017

#### Supply Chain Analyst

Campbell Arnott, Norwalk, CT

Imagine...working for a company that knows that its people are the key to its success in the marketplace. A company in which achieving extraordinary results and having a stimulating work experience are part of the same process.

03-14-2017

### Supply Chain Planner

Medtronic Inc., North Haven, CT

Help us to excel at everything we make and have a direct impact on patient care and lives. Does this work inspire you? This supply chain planning position is responsible for the coordination of production plans and the management of the supply chain functions

03-23-2017

#### Supply Chain Analyst

Campbell Arnott, Norwalk, CT

Imagine ... working for a company that knows that its people are the key to its success in the marketplace. A company in which achieving extraordinary results and having a stimulating work experience are part of the same process.

03-21-2017

### Logistics Analyst - Financial Reporting

Page Group Stamford, Stamford, CT

The purpose of this role is to assists in the design, creation and publishing of reports to help operators and planners better understand and account for spend within the logistics function. This role will also be critical for identifying areas for improvement

## Connecticut State Colleges & Universities APPLICATION FOR NEW PROGRAM APPROVAL

03-17-2017

Cheshire, CT - Macy's Logistics: Manager, Shift

Macy's Org., Cheshire, CT

Job Overview: Macy's is looking for a talented individual to fill the role of Manager, Shuttle who Coordinates and oversees the day-to-day management within a department. Manages the daily activities and develops short and long term strategic planning.

03-12-2017

Research Director, Customer Service Supply Chain Analyst, Logistics:

Gartner, Stamford, CT

Job Description Description Gartner is recruiting for a candidate with experience in customer logistics in Consumer Goods. The ideal candidate must have experience of working on joint value creation with retail customers and operational experience.

01-27-2017

Research Director, Customer Service Supply Chain Analyst, Logistics:

Software Advice, Stamford, CT

Description Gartner is recruiting for a candidate with experience in customer logistics in Consumer Goods. The ideal candidate must have experience of working on joint value creation with retail customers and operational experience of

01-26-2017

92Y Unit Supply Specialist - Warehouse Manager

Army National Guard, NEW LONDON, CT

92Y Unit Supply Specialist - Warehouse Manager Job ID: 753209 Job Views: 438 Location: NEW LONDON, Connecticut, United States ZIP Code: 06320 Job Category: Logistics Support Posted: 03.15.2016 Job Description Army National Guard Unit Supply Specialists

02-27-2017

Supply Chain Facility Director/Manchester CT

J. C. Penney Company, Inc., Manchester ,CT

General Description Manages and administers all operations of a Logistics Center to ensure the most cost efficient and timely distribution of merchandise consistent with Company standards of service to attain divisional sales and profit objectives.

Job Title	Salary Range		
Consultant	150,000-200,000		
Cargo & Freight Manager	60,000-80,000		
Supply Chain Manager	91,000-100,000		
Warehouse Manager	61,000-70,000		
Global Alliance Manager	100,000-150,000		
Industrial Manager	71,000-80,000		
Inventory Manager	51,000-80,000		
First-Line Supervisor	51,000-60,000		
Logistics Analyst	71,000-80,000		
Maintenance Supervisor	41,000-60,000		
Procurement Specialist	71,000-80,000		
Production Control Analyst	71,000-80,000		
Production Planner	71,000-80,000		
Purchasing Analyst	51,000-60,000		
Shipping & Receiving Analyst	81,000-90,000		
Storage & Distribution Manager	51,000-80,000		
Production control Manager	81,000-90,000		
Traffic Coordinator	61,000-70,000		
eld / Customer Service Representative	51,000-70,000		