

Course Syllabus

Course Information

<i>Course Number/Section</i>	OPRE 3310.003
<i>Course Title</i>	Operations Management
<i>Term</i>	Fall 2019
<i>Days</i>	Tues/Thurs
<i>Meeting Time</i>	1:00pm-2:15pm
<i>Location</i>	JSOM 12.222

Course Instructor & TA Contact Information

<i>Professor</i>	Dr. David Widdifield, DM
<i>Office</i>	JSOM 13.215
<i>Office Phone</i>	(972) 883-5168
<i>Email Address</i>	david.widdifield@utdallas.edu
<i>Office Hours</i>	Wednesdays 2pm-4pm
<i>TA Information</i>	Sasank Godavarthi
<i>Office</i>	JSOM 2.604
<i>Office Hours</i>	Tuesdays 9am-10am
<i>Email Address</i>	sxg180074@utdallas.edu

About the Instructor

Dr. David Widdifield is Clinical Associate Professor in the Jindal School of Management teaching graduate and undergraduate Operations and Supply Chain Management courses. Prior to joining UTD, I have held executive and senior management roles in both academia and practice with a combined 27 years' experience in supply chain management and 14 years' undergraduate and graduate level teaching experience from Dallas Baptist University and The Ohio State University (see "About.." section at end of document)

Course Pre-requisites, Co-requisites, and/or Other Restrictions

MATH 1326 or MATH 2 MATH 1326 or MATH 2414 or MATH 2419 and MATH 2333 or MATH 2418 or CS 2305 or OPRE 3333. Prerequisite or corequisite: STAT 3360 or OPRE 3360.

Course Description

This course discusses applications of operations research methods to production problems and processes in the business firm with emphasis on consumer behavior, forecasting, production planning, production control techniques, and supply chain operations. Additionally, this course will review key concepts useful in the efficient management and transformation of capital, labor, materials, and technologies into products and/or services. Topics covered include (but

not limited to); the role of operations management in overall competitive strategy, key performance measures, supply chain strategy, and tools for improving operational performance. The level of discussion varies from long-term strategic planning to daily control of business processes

Student Learning Objectives/Outcomes

Students will understand the role operations management plays in business processes. Upon completion of the course, students will also be able to:

- Understand the role of operations management in domestic and international economies
- Qualitatively and quantitatively analyze and interpret operations information
- Identify and solve typical operations management problems
- Document and report operations performance for continuous improvement opportunities.
- Recognize and address ethical issues that arise when managing operations
- Understand the role supply chain management plays in successful operations

Required Textbooks and Materials

1. *Operations Management 13th Edition* by William J. Stevenson
ISBN 9781259667473, Irwin/McGraw Hill, NJ.

Available through the UTD Bookstore (<https://www.bkstr.com/texasatdallasstore/home>) \$143.75

Note: 12th Edition is authorized for use in this course.

Optional Course Materials

Supplemental academic and professional articles will be provided via eLearning site by the instructor to support class & text discussion

Course Discussion Materials

Course lecture materials will include; guest speaker presentations, industry journal articles, PowerPoint slides, and/or text questions. Class materials will be available on eLearning for downloading 12 hours prior to class.

Course Policies

Assignment Dues Dates

Assignments will be counted for full credit when they are submitted on their assigned due dates unless noted otherwise. Any assignment submitted 12 hours after the due date will be assessed a 50%-point deduction from the assignment's total possible points. **Assignments submitted exceeding 12 hours from the due date deadline will not be counted for credit towards the class total.** Exemptions to this policy will be provided in the event of extraordinary circumstances beyond instructor, student or university control. Extraordinary circumstances do not include minor illnesses, schedule conflicts

between school and work, tardiness, travel plans, or unscheduled vacations. If you feel there is a need to request exemption from this policy, please notify me via email 12 hours prior to the due date of the assignment.

Makeup Exams & Quizzes

Students are expected to take all exams and quizzes on their scheduled dates. Make up exams and quizzes will be available due to conflicts with approved university events or in the case of extraordinary circumstances (see above).

Class Participation and Professionalism

Students are expected to read all assigned materials before class to be prepared to engage in the class discussion of the assigned topic from their professional point of view as part of their professional development of critical thinking skills for today's marketplace. Students need to come to class prepared to talk about and question the ideas presented in the assigned chapters to understand how they are applied in practice. To help reinforce this, I will be assigning in-class discussion questions related to our weekly topics to further explore how they are used in the work environment. To help facilitate robust topic discussions students are expected to attend all class sessions. If there is a noticeable decrease in regular class attendance (e.g. $\geq 35\%$), I will begin taking regular attendance for the remainder of the semester for student class participation and professionalism.

Regarding professionalism, students should treat this class as they would professional employment by; coming to class on time, having the necessary course materials (e.g. lecture deck, textbook, paper, writing utensils, etc.) when attending class, paying attention to the course schedule along with other relevant issues in the syllabus, proper and confident body language, respectful behavior and tone towards class members and instructor, use of active listening skills, and use of appropriate and proper grammar when speaking in class. Lack of emphasis of in *Class Participation and Professionalism* will adversely affect your final grade in this class.

Extra Credit

There will be multiple opportunities for students to earn extra credit during the semester. Each student can earn extra credit points through the submission of the course assignments by the specified deadline indicated in on the assignment or syllabus. Extra credit assignments may include; additional guest speakers, in-class quizzes, optional homework, professional/student organization attendance, publication subscriptions. While there is an opportunity to earn extra credit, students are encouraged to study and prepare in advance to maximize their point potential on all assignments, exams, and quizzes.

Grading Policy

Your professor will award "+" grades but not "-" grades at the end of the semester. For example, a student may receive a "B+" or "B" but not a "B-". Your instructor will only change a final letter grade if a calculation error occurs. Therefore, your instructor asks you to **NOT** request a final letter grade change unless a calculation error has occurred. The following tables contain detailed information regarding course grade letter, percentages, and points.

Grading Scale: Course Points

Assignment	Points	Point Percentage	Due Date	Comments
Class Participation & Professionalism	40	6%	NA	Per syllabus instructions
Final Exam	100	15%	12/5/19	Online, 50 multi-choice
Guest Speaker (3)	60	9%	See syllabus course schedule	No make-up available
Inventory Exam	100	15%	10/22/19	10 Essay – EOQ & EPQ
Midterm Exam	100	15%	10/3/19	Online, 50 multi-choice
OM Topic Talk (10)	150	23%	See syllabus course schedule	NA
Reading Quizzes (6)	120	17%	See syllabus course schedule	Online, 10 multi-choice
Total Points	670	100%	NA	NA

Grading Range: Course Points & Letter Grade Equivalent

Point Total Range	Letter Grade
670-649	A+
648-616	A
615-582	B+
581-549	B
548-515	C+
514-482	C
481-448	D+
447-408	D
≤407	F

Grading Scale: Percentage Earned and Letter Grade Equivalent

Semester Grade Range (%)	Letter Equivalent
100-97	A+
96-92	A
91-87	B+
86-82	B
81-77	C+
76-72	C
71-67	D+
67-61	D
<61	F

Assignments

The following sections reviews the course assignments, to receive full credit you must complete and submit each of the assignments to the course eLearning site or in-class on the due date/time per syllabus instructions. Please be sure to review the details and requirements of each assignment specified in this syllabus, individual questions can be asked as in-class time allows. Additionally, you can send questions regarding assignments to the instructor and course TA via email.

Class Participation and Professionalism

Student active participation is critical to success in the class as it is an expected and required component of workplace performance. Student participation will be based on consistent class attendance, contribution to in-class discussions (e.g. OM Topic Talks), and guest speaker attendance (subject to availability). I will be submitting class participation and professionalism points at the end of each week to the course's eLearning site. Students will be graded on their professionalism through a combined system based on their interactions (verbal and written) with the course instructor, TA, and classroom peers. Students exhibiting disrespectful or disruptive behavior (e.g. inappropriate or rude comments negative, nonconstructive criticism, excessive tardiness, etc.) toward the course instructor, TA, or classroom peers will have her or his participation score lowered or receive a "0" based on the severity of the issue. Class participation and professionalism will account for a total of **40** points (4 pts/week) towards your final grade.

Final Exam

An online final exam will be given at the end of the course. This exam will consist of 50 multiple choice questions drawn from the text readings, lectures, or other class assignments covered during weeks 8-14. Students will have 75 minutes to complete the exam in the eLearning system, the final exam will open at 8:00 am and remain active until 11:59 pm. The final exam may include questions from course material that may not have been covered in the lectures, you are responsible for review of this material and it will be included in the exam review/study guide. To prepare for the exam a review/study guide will be distributed to the class via eLearning 1 week prior to the final exam date of **12/5/19**.

Any student failing to take the exam during its activation period, leaving it in an "in process status", or exceeding the time limit will receive a grade of "0" There will be no makeup exams except in the event of extraordinary situations as defined earlier in this document. Additionally, students wishing to individually review her/his exam will need to request an appointment with Sasank Godavarthi during his office hours following the exam. The final exam will account for **100** points towards the final grade.

Guest Speaker Attendance

During the course, we will have the opportunity to host (on-site or virtually) a senior level practitioner from leading companies in the DWF area and/or nationally. They will provide critical insights to the importance of operations management topics from a corporate and supply chain operations viewpoint including discussion of current or emerging industry trends. The objective of these presentations is to provide students with a practitioner's perspective on how operations management impacts, or influences, her/his business.

Attendance is mandatory for all students; each presentation provides timely and unique information about the guest speaker's business and markets. Due to this, there is no make-up assignment for students missing a guest speaker presentation. Guest speaker presentations will account for a total of **60** points (20 pts/guest speaker) towards the final grade.

Inventory Management Exam

An in-class inventory management exam will be given following the lecture on inventory management to review student proficiency with the calculation and concept application of the economic order quantity (EOQ) and economic production quantity (EPQ) inventory models. This exam will consist of 10 written questions and accompanying formula sheet to assist students in providing a response to each question. Students are authorized to bring and use a calculator during the exam, however laptops, lecture presentation slides, mobile phones, personal notes, or textbook are not authorized for use. Each question will consist of three equally weighted parts to be used for calculating exam scores.

When responding to questions, students will need to show their work as well as the final answer to receive credit in the answer space.

An exam formula and review/study guide will be distributed to the class via eLearning 2 weeks prior to the exam date of **10/22/19**. Following the exam, a test review will be provided to discuss the overall course results of the exam as well as identifying any common areas of improvement. There will be no makeup exams except in extraordinary situations as defined earlier in this document. All test booklets will need to be returned to me at the conclusion of the exam. Students missing the in-class review can request to review her/his exam individually with Sasank Godavarthi during his office hours. The inventory management exam will account for **100** points towards the final grade.

Midterm Exam

An online midterm exam will be given during week 7 of the semester covering the course materials from weeks 1-7. This exam will consist of 50 multiple choice questions drawn from the text readings. Questions will contain text material from select chapters which may or may not have been discussed in our class meetings but are important to understanding operations management in production and service operations. Students will have 75 minutes to complete the exam in the eLearning system, the midterm exam will open at 8:00 am and remain active until 11:59 pm. The midterm exam may include questions from course material that may not have been covered in the lectures, you are responsible for review of this material and it will be included in the exam review/study guide.

To assist in the preparation for the a review/study guide will be distributed to the class via eLearning 1 week prior to the midterm exam date of **10/3/19**. Any student failing to take the exam during its activation period, leaving it in an "in process status", or exceeding the time limit will receive a grade of "0". There will be no makeup exams except in the event of extraordinary situations as defined earlier in this document. Additionally, students wishing to individually review her/his exam will need to request an appointment with Sasank Godavarthi during his office hours following the exam. Following the exam, we will have an in-class review of the midterm exam to discuss class results as well as areas of improvement. The midterm exam will account for **100** points towards your final grade.

OM Topic Talk

Over the semester, I will be assigning an *OM Topic Talk* discussion question via eLearning for us to review the lecture content from a personal experience and practice perspective. The expectation is that all members will participate during the in-class discussion to related to the lecture material and what impact or influence it has in the business place. During the class discussion, students will self-select groups of 4-6 to discuss the topic question and then present their response to the class (as time allows). The purpose of this discussion is to further explore how each concept is or may be applied in the business setting.

The intent of this exercise is to go beyond the course text and look at how and where the concept is impacting students and more broadly economies and society. Teams will document their discussion of the topic listing the OM topic, members of the group (first and last names), and summary of the groups' discussion.

A single group response will be submitted by a designated team member via eLearning at the end of the class period and no later than 11:59pm on the day of the discussion. The expected deliverable is a MS Word formatted single type written page (500-900 words) that summarizes the group's in-class discussion, the date of the class, assigned topic, group members' first & last name, and NetID numbers. This assignment will help each student gain a deeper understanding of the course topic, integration into other academic programs, and more importantly its impact outside of the classroom. OM Topic Talk will account for a total of **150** points (15 pts/question) towards your final grade.

Reading Quizzes

To reinforce key course concepts from textbook supporting the goals of the course, students will complete 6 short, online quizzes consisting of 10 multiple choice questions based on the selected chapters (see course schedule). Students are required to complete these quizzes within the available time of 20 minutes.

The timer in the eLearning system will automatically begin when the student starts the quiz. Quizzes will be available for students to complete online via the eLearning site from 8:00am to 11:59pm on their assigned date. At the expiration of the activation period, 11:59pm, quizzes will no longer be available to students in eLearning. Any quizzes exceeding the 20-minute period will be automatically submitted and graded regardless of remaining unanswered question. Following submission, students will receive an overall grade for the quiz as well as feedback on questions answered incorrectly. Students failing to take the quiz during the assigned day and timeframe (8:00am to 11:59pm) will automatically receive a grade of "0".

Students not completing a quiz on the scheduled date/time will not be able to make-up the quiz unless he/she has received prior approved by the instructor at least 12 hours prior to the quiz date or in the event of extraordinary situations. If you feel there is a need to take a quiz outside of the scheduled day and time frame, please notify the instructor and TA via email 12 hours prior to the quiz date to reschedule your quiz date. Quizzes will count for **120** points (20 pts/quiz) toward your final grade.

Extra Credit

You may earn extra credit points in the course through optional homework assignments, select in-class activities, or via one of the options listed below. Students wishing to take advantage of extra credit for the below activities will earn up to 10 point provided proof confirmation of extra credit option is submitted to myself and Sasank Godavarthi no later than **11/21/19 at 11:59pm**

Approved extra credit options:

1. Attendance of **two** meetings sponsored by the UTD student chapters of; [APICS](#), [INFORMS](#), [ISM](#) or other supply chain management related organization (see link, <https://utdallas.presence.io/organizations>) during the fall semester. Events for student organizations are listed on their respective websites (see links above). After successfully registering for the event, please send your registration confirmation message to the following email addresses to receive the extra credit points; david.widdifield@utdallas.edu and sxg180074@utdallas.edu. When sending the confirmation email message, be sure to enter in

the subject line “OPRE 3310 Extra Credit-Student Event”. This activity will account for **10 pts** (5pts/subscription) toward your final grade

2. Attendance of a meeting sponsored by **one** of the professional organization such as; [APICS](#), [CSCMP](#), [ISM](#), [WERC](#), or other supply chain management related organization devoted to the educational and professional development and promotion of supply chain management. Events for the organizations can be found by visiting their respective websites (see embedded links). After successfully registering for an event, please send your registration confirmation message to the following email addresses to receive the extra credit points; david.widdifield@utdallas.edu and sxg180074@utdallas.edu. When sending the confirmation email message, be sure to enter in the subject line “OPRE 3310 Extra Credit-Professional Event”. This activity will account for **10 pts** toward your final grade.
3. Subscription to **two** of the professional journals listed in the “Industry Journal Websites for Supply Chain Management” table found at the end of this document. Visit the webpages of the select journals you are interested and then email your subscription confirmation message from the journals you have chosen to david.widdifield@utdallas.edu and sxg180074@utdallas.edu. When sending the confirmation email message, be sure to enter in the subject line “OPRE 3310 Extra Credit-Subscription”. This activity will account for **10 pts** (5pts/subscription) toward your final grade.

Course Schedule

Note: I may revise this schedule to accommodate class progress, provide a more in-depth focus of a select topic, or to take advantage of additional guest speakers should the opportunity arise. We will attempt to stay as close to the below schedule as possible, exam & quiz dates will not be altered except in the case of extraordinary circumstances.

Week	Date	Topic/Case	Assignment	Course Materials and Text Chapter
1	8/20/19	Course Introduction	NA	Course syllabus Welcome presentation deck
1	8/22/19	Introduction to Operations Management pt. 1	OM Topic Talk# 1: Current trends in manufacturing & operations	Ch. 1 Lecture Deck eLearning Week 1 Supplemental Articles Stevenson Ch. 1
2	8/27/19	Introduction to Operations Management pt. 2		Ch. 1 Lecture Deck eLearning Week 1 Supplemental Articles Stevenson Ch. 1
2	8/29/19	Competitiveness Strategy pt. 1	OM Topic Talk# 2: Competitive positioning strategy in business Reading quiz #1 (Stevenson Ch. 1) – due by 11:59pm	Ch. 2 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 2
3	9/3/19	Competitiveness Strategy pt. 2		Ch. 2 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 2
3	9/5/19	Product and Service Design pt. 1	OM Topic Talk# 3: Customer expectations influencing product/service design	Ch. 4 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 4
4	9/10/19	Product and Service Design pt. 2	Reading quiz #2 (Stevenson Ch. 2 &4) – due by 11:59pm	Ch. 4 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 4
4	9/12/19	Supply Chain Management pt. 1	OM Topic Talk# 4: Designing an adaptive and flexible supply chain network	Ch. 15 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 15
5	9/17/19	Supply Chain Management pt. 2	Guest Speaker # 1	Ch. 15 Lecture Deck eLearning Supplemental Articles

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				Stevenson Ch. 15
5	9/19/19	Forecasting pt. 1	OM Topic Talk# 5: Human, market, and technological factors impacting forecasting processes Midterm study guide posted to eLearning	Ch. 3 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 3
6	9/24/19	Forecasting pt. 2	Reading quiz #3 (Stevenson Ch. 3 & 15) – due by 11:59pm	Ch. 3 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 3 Ch. 5 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 5
Week	Date	Topic/Case	Assignment	Course Materials and Text Chapter
6	9/26/19	Strategic Capacity Planning pt. 1	OM Topic Talk# 6: Flexible supply chain factors driving capacity decisions	Ch. 5 Lecture Deck eLearning Supplemental Articles
7	10/1/19	Strategic Capacity Planning pt. 2		Ch. 5 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 5
7	10/3/19	On-line Midterm Exam	No formal class	NA
8	10/8/19	Aggregate Planning and Master Scheduling pt. 1		Ch. 11 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 11
8	10/10/19	Aggregate Planning and Master Scheduling pt. 2	OM Topic Talk# 7: Demand and supply considerations in an omnichannel environment	Ch. 11 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 11
9	10/15/19	Inventory Management pt. 1	Inventory management exam calculation sheet and study guide posted to eLearning	Ch. 13 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 13
9	10/17/19	Inventory Management pt. 2	Guest Speaker # 2	Ch. 13 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 13
10	10/22/19	Inventory Management Exam	In-class Exam	NA
10	10/24/19	Location Planning and Analysis pt. 1	OM Topic Talk# 8: Geographical, managerial, and technological factors influencing location selection	Ch. 8 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 8
11	10/29/19	Location Planning and Analysis pt. 2		Ch. 8 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 8
11	10/31/19	Process Selection and Facility Layout pt. 1	OM Topic Talk# 9: Importance of consumer and product characteristics on facility layout Reading quiz #4 (Stevenson Ch.6 & 8) – due by 11:59pm	Ch. 6 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 6
12	11/5/19	Process Selection and Facility Layout pt. 2		Ch. 6 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 6
12	11/7/19	OM Technology pt. 1	Guest Speaker#3	Ch. 12 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 12
13	11/12/19	OM Technology pt. 2	Reading quiz #5 (Stevenson Ch. 12) – due by 11:59pm	Ch. 12 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 12
13	11/14/19	JIT and Lean Operations pt. 1	OM Topic Talk# 10: Lean supply chain management constraints in an omnichannel market	Ch. 14 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 14
14	11/19/19	JIT and Lean Operations pt. 2		Ch. 14 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 14
14	11/21/19	Quality Management pt.1	Reading quiz #6 (Stevenson Ch. 14)– due by 11:59pm	Ch. 9 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 14

UTD Closed	11/25-29	Fall Break & Thanksgiving Holiday (No UTD classes)	NA	NA
15	12/3/19	Quality Management pt.1		Ch. 9 Lecture Deck eLearning Supplemental Articles Stevenson Ch. 14
15 (Final)	12/5/19	Online Final Exam	NA	NA

Comet Creed

This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:

“As a Comet, I pledge honesty, integrity, and service in all that I do.”

UT Dallas Syllabus Policies and Procedures

The information contained in the following link constitutes the University’s policies and procedures segment of the course syllabus.

Please go to <http://go.utdallas.edu/syllabus-policies> for these policies.

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.

Industry Journal Websites for Supply Chain Management Interests

Source	Website
Assembly Magazine	https://www.assemblymag.com
Automotive Logistics	https://automotivelogistics.media
Chain Store Age	http://www.chainstoreage.com
CSCMP Supply Chain SmartBrief	http://www2.smartbrief.com/getLast.action?mode=sample&b=cscmp
DC Velocity	http://www.dcvelocity.com
eMarketer	http://www.emarketer.com
Food Logistics	https://www.foodlogistics.com
Inbound Logistics	www.inboundlogistics.com
Industry Week	http://industryweek.com
Internet Retailer	https://www.digitalcommerce360.com/internet-retailer
Logistics Management	http://www.logisticsmgmt.com
Manufacturing Global	https://www.manufacturingglobal.com
Material Handling and Logistics	http://mhlnews.com
Multichannel Merchant	http://multichannelmerchant.com
NRF Retail News SmartBrief	http://www.smartbrief.com/industry/retail
Retail Dive	https://www.retaildive.com
Supply & Demand Chain Executive	http://www.sdcexec.com
Supply Chain Brain	http://www.supplychainbrain.com/nc/home
Supply Chain Digest	http://www.scdigest.com
Supply Chain Dive	https://www.supplychaindive.com
Supply Chain Management Review	http://www.scmr.com
Transport Topics	http://www.ttnews.com

About Dr. David Widdifield, DM



Professional Background

Overview: Senior supply chain management academician and practitioner with a combined 25 years' supply chain experience. 18 years' industry experience in the business to business (B2B) and business to consumer (B2C) retail segments of consumer package goods in the apparel, footwear, and grocery categories.

- Clinical Associate Professor, OM Department, Jindal School of Management, University of Texas at Dallas.
- Assistant Professor and SCM Program Director at the College of Business, Dallas Baptist University.
- Chairperson of Education, Dallas Council of Supply Chain Management Professionals Roundtable.
- Former Global Director of Retail Solutions at Crane Worldwide Logistics.
- Former Adjunct and Full time faculty member for Department of Marketing and Logistics at the Fisher College of Business, The Ohio State University.
- Former Director for the Masters in Business Logistics Engineering (MBLE) program at the Fisher College of Business, The Ohio State University.
- Retired service member of the U.S. Army with over 16 years' experience in in both combat (Infantry) and combat support (Quartermaster) branches.
- Doctorate of Management (DM), Weatherhead School of Management, Case Western Reserve University, Cleveland, OH, May 2014
Dissertation: *Supply Chain Management Performance: Factors Contributing to Successful Risk Mitigation & Resiliency.*
- Current and Previous Employers include;



- Area of supply chain management expertise and research include;
 - Ecommerce/omnichannel logistics
 - Distribution/fulfillment operations
 - Inventory Management
 - Merchandising
 - Product allocation
 - Project management
 - Sourcing – product and services
 - Supply chain network design and implementation (first and final mile solutions)
 - Supply chain risk and resiliency development/deployment
 - Supplier relationship management
 - Technology development/deployment
 - Transportation management

Academic Awards and Honors

- Distinguished Senior Lecturer Nomination, Ohio State University, Columbus OH 2012, 2013
- Distinguished Undergraduate Professor, Ohio State University, Columbus, OH 2012
- Distinguished Masters in Business Logistics Engineering Professor, Ohio State University, Columbus, OH 2012

Academic publications

- Lalonde, Bernard, Ginther, Jim, Zinn, Walter, and Widdifield, David, S. (2010) 2010 Survey of Career Patterns in Logistics (Council of Supply Management Professionals). Columbus, OH 43210: The Ohio State University and Council of Supply Chain Management Professionals.
- Widdifield, David, S., Lingham, Tony, Pierce, Gene, Cooper, Martha (2012) Understanding Supply Chain Resiliency: Identification of the Factors Contribution to Performance (Doctoral Dissertation). Case Western Reserve University. EDM Research Paper Archive. (<http://intranet.weatherhead.case.edu/edmResearch/details?id=14349>).
- Widdifield, David, S. Cooper, Martha, Lingham, Toni, Somers, Antoinette (2013) A Deciding Factor: How Managerial Decision Making Relates to Supply Chain Team Performance and Resiliency (Doctoral Dissertation). Case Western Reserve University. EDM Research Paper Archive. (<http://intranet.weatherhead.case.edu/edmResearch/details?id=14958>).
- Widdifield, David, S., Lingham, Tony, and Lyytinen, Kalle (2014) Supply Chain Management Performance: Factors Contributing to Successful Risk Mitigation & Resiliency (Doctoral Dissertation). Cleveland, OH 44106: Case Western Reserve University, Weatherhead School of Management.

- Cooper, Martha, C., Santosa, John, Hurst, Deborah, C., Sanders, Nada, R., Cichosz, Marzena, Andic, Esen, Polyviou, Mikaella, Haugtvedt, Curtis, P., and Widdifield, David. (2014) 2014 Career Patterns of Women in Logistics (Council of Supply Management Professionals). Columbus, OH 43210: The Ohio State University and Council of Supply Chain Management
- Knemeyer, A.M., Croxton, K., Wan, S., Widdifield, D.S. and Taylor, D.F. (2017). Ship From Store – Omnichannel Logistics Strategy. White Paper, The Ohio State University.

Conference proceedings

- Zinn, W. and Widdifield, D. (2010). "2010 Survey of Career Patterns in Logistics". CSCMP Annual Conference, San Diego, California, USA, September 27, 2010.
- Widdifield, D. (2012). "Rise of Modern Supply Chain Management". DHL Supply Chain Operations Managers Meeting (North America), Westerville, Ohio, USA, September 12, 2012.
- Cooper, M.C., Santosa, J., Hurst, D.C., Sanders, N.R., Cichosz, M., Andic, E., Polyviou, M., Haugtvedt, C.P., and Widdifield, D. (2013) "2013 Career Patterns of Women in Logistics". CSCMP Annual Conference, Denver, Colorado, USA, October 23, 2013.
- Widdifield, D. (2014) "Strategies in Omnichannel Logistics". FedEx Annual Operations Management Meeting, Memphis, Tennessee, USA, March 24, 2014.
- Widdifield, D. and Gray, D. (2014) "IBM and OSU Partnership: Building the Future of the Supply Chain". IBM Smarter Commerce Global Summit, Tampa, Florida, USA, May 14, 2014.
- Widdifield, D. (2015). "Master's in Business Logistics Engineering". DHL Supply Chain Integrated Logistics Design Managers Meeting (North America), Columbus, Ohio, USA, February 24, 2015.
- Cooper, M.C., Santosa, J., Hurst, D.C., Sanders, N.R., Cichosz, M., Andic, E., Polyviou, M., Haugtvedt, C.P., and Widdifield, D. (2015) "2014 Career Patterns of Women in Logistics". CSCMP Annual Conference, San Diego, California, USA, September 28, 2015.
- Widdifield, D. (2015) "Importance of Transportation and Warehouse Interface on Performance and Service" Journal of Commerce North American Port Performance Conference, Iselin, New Jersey, USA, December, 9, 2015.
- Widdifield, D. (2017). Retail Logistics Today: A Focus on Innovation and Possibilities, not Limitations. Ohio State University Fisher College of Business Undergraduate Program. Columbus, OH, USA, January 27, 2017.
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- Widdifield, D. (2017) "Importance of Visibility in the Transportation and Warehouse Interface" Journal of Commerce North American Port Performance Conference, Newark, New Jersey, USA, December, 13, 2017.
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- Widdifield, D. (2019). "NAFTA/China Tariffs." DFW Roundtable Council of Supply Chain Management Professionals Supply Chain Conference, Las Colinas, Texas. March 21, 2019.
- Widdifield, D. (2019). "Texas Instruments Logistics Roadmap – Finished product distribution Strategies." Texas Instruments Global Operations Meeting, Richardson, Texas June 4, 2019.

Professional publications;

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Military Commendations

- US Air Force Patriot Award, Ohio Air National Guard 2008
- US Army Distinguished Military Graduate 1992
- National Defense Medal 1991
- US Army Good Conduct Medal 1988
- US Army Accommodation Medal 1988
- US Expert Marksman Badge 1985, 1988, 1991

- US Army Achievement Medal 1985

Professional Certifications and Training

- Lean Six Sigma, Villanova University, Philadelphia, PA 2007
- EDI Message Mapping and Translator Administration, IBM/Sterling Commerce, Dublin, OH 2001
- MS Access, Columbus State Community College and L Brands, Columbus, OH 1998
- MS Excel, Columbus State Community College and L Brands, Columbus, OH 1997
- Defense Transportation Management, US Army, Ft. Eustis, VA 1993
- Joint Services Personal Property Course, US Army, Ft. Eustis, VA 1993
- Freight Traffic Course • US Army, Ft. Eustis, VA 1993
- Unit Movement Officer Deployment Planning Course, US Army, Ft. Eustis, VA 1993
- Army Management in Logistics, US Army, Ft. Lee, VA 1993
- Transportation Officer Basic Course, US Army, Ft. Eustis, VA 1993
- Quartermaster Officer Basic Course, US Army, Ft. Lee, VA 1992

Professional Affiliations & Memberships

- APICS, Columbus, Ohio, member 2010-2012
- Beta Gamma Sigma, Cleveland, Ohio, member 2014-Present
- Council of Supply Chain Management Professionals, Columbus, Ohio;
 - Member 2017-present
 - Roundtable President 2016-2017
 - Education Co-Chair 2010-2016
 - Technology Chair 2005-2009
- Delta Epsilon Iota, Columbus, Ohio, member 2004-Present
- Institute of Supply Management, Columbus, member Ohio 2010-2015
- Journal of Business Logistics, The Ohio State University, Columbus, Ohio member, Practitioners' Advisory Board and Reviewer 2017-Present
- Project Search, Columbus, Ohio member, Franklin County Developmental Disabilities Jobs in Logistics Board 2014-2017
- Retail Value Chain Federation, Columbus, Ohio, member 2004-2015
- Reverse Logistics Association, Columbus Ohio, member 2010-2015
- Tau Pi Phi, Columbus Ohio, member 1992-Present
- Vista Packaging and Logistics, Columbus, Ohio, member, Executive Board – Operations & Systems 2010-Present

