

Operations Management Career & Academic Path Reviews

Associate Professor Jim Kimpel

Diane Taylor

Shaina Tsupros

Today's Objective:

- Provide insight into academic & career planning for a successful future in operations management

Today's Experts-in-Residence

Pitt Business Alumni

- **Mike Angelone**, Sr. Business Analyst, EQT Corporation
- **Tom Davis**, Operations & Strategy Consultant, BNY Mellon
- **Peter Strohl**, Director Process Improvement, EQT Corporation
- **Jason Yu**, Global Category Manager, Joy Global Mining

Faculty Representative

- **Jim Kimpel**, Clinical Associate Professor of Business Administration
 - 27-years experience in Operations & Information Systems

Returning MBA Students

- **Michael Brough**, Project Management Intern, Del Monte
- **Dhananjay Sharma**, Business Specialist Intern, EQT Corporation

First Semester Overview

Fall 1-2

- BACC 2401 Financial Accounting..... 3.0
- BECN 2401 Economic Analysis..... 3.0
- BQOM 2401 Statistical Analysis..... 3.0*

Fall 1

- BOAH 2409 Organizational Behavior..... 1.5
- BFIN 2409 Financial Management 1..... 1.5

Fall 2

- BMKT 2409 Marketing Management..... 1.5
- Elective 1.5

Total Credits: **15**

Second Semester Overview

Spring 1

- BQOM 2421 Decision Technologies..... 1.5*
- BSPP 2409 Strategic Management..... 1.5

Spring 2

- BMIS 2409 Information Systems..... 1.5
- BSEO 2401 Business Ethics & Social Performance..... 1.5

- Elective Courses..... 9

Total Credits: **15**

Second Year

- BIND 2444 Competitive Management Simulation (3 credits)
- Elective courses (24 credits)
 - Concentration
 - Certificate
 - “Filling the gap” from your internship

Concentrations

- Defined as taking nine (9) credits within a given area, excluding core courses
- Not official (will not show on your transcript or diploma)
- Allows you to clearly define your academic and career goals
- You are able to concentrate in the following areas:
 - Finance
 - Marketing
 - Information Systems
 - Operations
 - Strategy
 - Organizational Behavior/Human Resources

Katz Certificates

- Gives you additional hands-on experience in a core business area
- Provides experience-based learning opportunities and illustrates the importance of collaboration across business areas
- Full-time students are required to pursue a certificate

Katz Certificates

- Certificates will be awarded to Katz students when all of the following criteria have been satisfied:
 - 10.5 credits, chosen from the approved list of courses
 - Grades of 'B' or better for each certificate course
 - A minimum 'B+' average (3.250 QPA) across all certificate courses

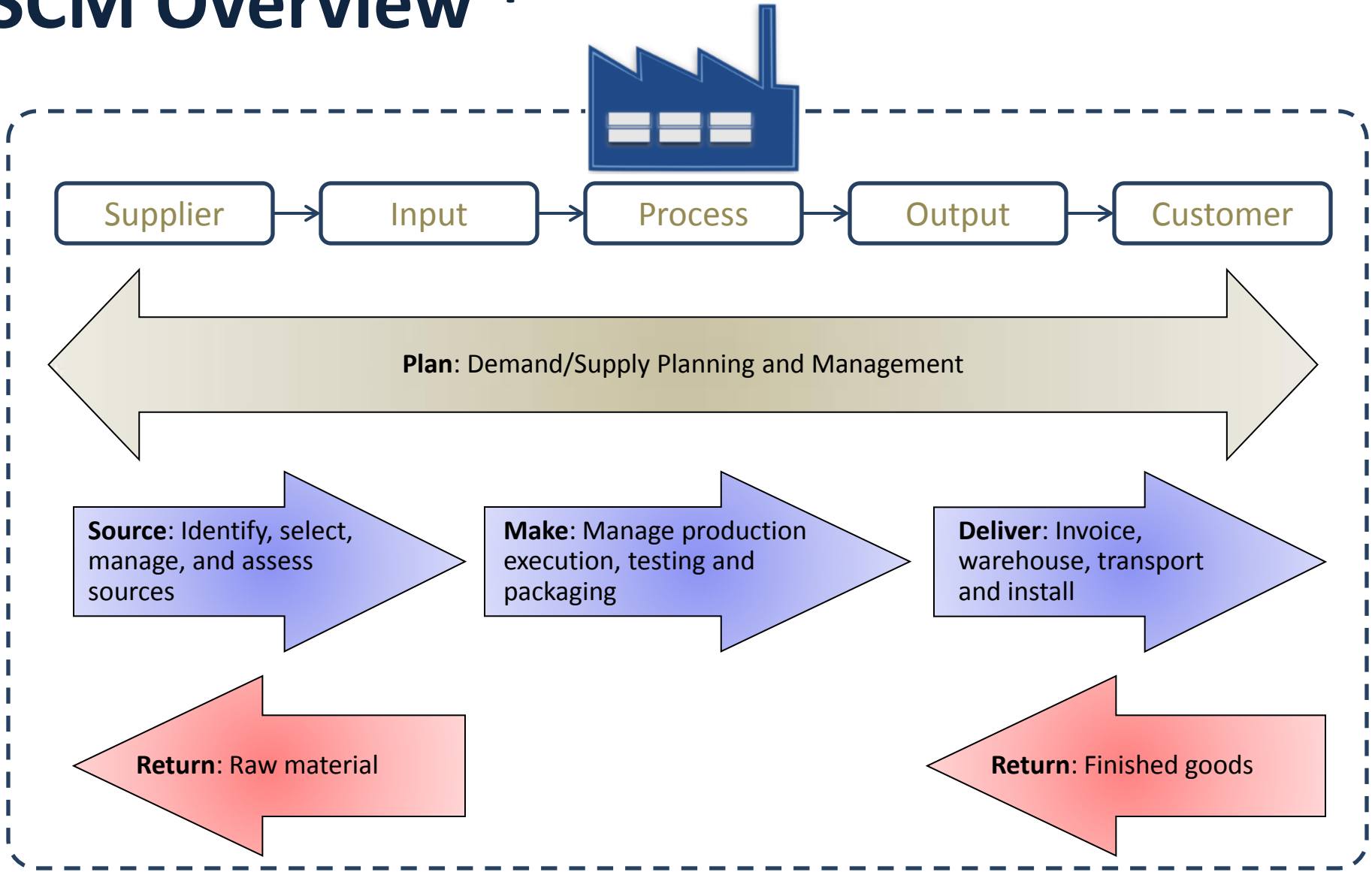
For the Panel

- What courses did you find to be most beneficial to your work?
- What courses outside of the Operations realm were related to your career path?

Career Tracks in Operations Management

- Supply Chain/Logistics Management
- Project Management
- Strategy & Operations Consulting

SCM Overview *



Positions within SCM/LM

0-5 Years of Experience

- Allocation Analyst
- Business Analyst
- Buyer or Procurement Specialist
- Distribution Coordinator or Customer Service Manager
- Project Manager/Industrial Engineer
- Supply Chain Analyst/Operations
- Research Analyst

5+ Years of Experience

- Category Manager
- Demand Planner
- General and Operations Managers
- International Logistics Manager
- Quality Assurance Manager
- Master Scheduler
- Operational Excellence Manager
- Project Manager
- Process Improvement Manager
- Purchasing or Procurement Manager
- Supply Chain Manager
- Supply Chain Software Manager
Transportation, Storage, and
Distribution Manager

SCM/Logistics Management

Key Skills Needed:

1. Action oriented
2. Deal with ambiguity
3. Strong business acumen
4. Comfortable around top management
5. Composed
6. Conflict management
7. Timely decision making
8. Functional/technical skills (including quantitative, analytical, and mathematical modeling)
9. Interpersonal savvy
10. Managerial courage
11. Negotiating
12. Organizational agility
13. Planning
14. Political savvy
15. Priority setting
16. Problem solving
17. Process management
18. Managing through systems
19. Technical learning
20. Time management
21. Written communications

SCM/LM Elective Courses

Course	Credits	Term most likely to be offered in
BACC 2528-Managerial Accounting	1.5	Spring
BIND 2526-Business Process Redesign	1.5	Spring
BMIS 2074-Strategic IT in Global Supply Chains	1.5	Fall
BMIS 2591-E-Business Strategy	1.5	Spring
BMKT 2533-Busines-to-Business Marketing	1.5	Fall
BOAH 2527-Cross-Cultual Management	1.5	Spring
BOAH 2532 Negotiations, Teamwork, and Change	1.5	Fall/Spring/Summer
BQOM 2139-Six Sigma Theory and Practice	3.0	Fall/Spring
BQOM 2523-Process Engineering	1.5	Fall
BQOM 2524-Production Management & Process Improvement	1.5	Fall
BQOM 2533-Global Supply Chain Management	3.0	Fall/Spring
BQOM 2534-Strategic Procurement & Sourcing Management	1.5	Spring
BQOM 2537-Forecasting	1.5	Fall/Spring
BQOM 2546-Project Management Fundamentals and Analytics	1.5	Spring
BQOM 2549-Strategic Cost Analysis	1.5	Spring
BQOM 2700-Supply/Value Chain Management Project	1.5	Spring
BSEQ 2511-Management of Strategic Alliance	1.5	Spring

SCM/LM

- Suggested Katz Certificates:
 - Global Supply Chain Management
 - Project Management

For the Panel

- When making hiring decisions, what skills do you consider to be the most critical?
- What do you consider to be key differentiators? What makes a candidate stand out?
- If someone is just beginning or switching their career into supply chain/logistics management, what would you recommend they do to be competitive?

Project Management Career Track

Project Management

Key Skills Needed:

1. Strong leadership skills
2. Strong Communication/Interpersonal Skills
3. Knowledge of and experience in project development
4. Ability to track, forecast, and report project metrics
5. Experience identifying risks and resolving conflicts
6. Action oriented
7. Deal with ambiguity
8. Strong business acumen
9. Comfortable around top management
10. Composed
11. Timely decision making
12. Time Management
13. Process Management

Project Management Elective Courses

Courses	Credits	Term likely to be offered
BQOM 2039-Six Sigma	3.0	Fall/Spring
BQOM 2546-Project Management Fundamentals and Analytics	1.5	Spring
BQOM 2521-Decision Making in a Complex Environment	1.5	Fall/Spring
BQOM 2533-Global Supply Chain Management	3.0	Fall/Spring
BQOM 2537-Forecasting	1.5	Spring
BQOM 2549-Strategic Cost Analysis	1.5	Spring
BIND 2400-Consulting Field Project	3.0	Fall/Spring
BACC 2528-Managerial Accounting	1.5	Spring
BQOM 2534-Strategic Procurement and Sourcing Management	1.5	Spring
BOAH 2537-Conflict Resolution in the Workplace	1.5	Fall/Spring/Summer
BOAH 2519-Negotiations	1.5	Fall/Spring/Summer
BOAH 2411-Human Resources for Competitive Advantage	1.5	Variable

Project Management

- Suggested Katz Certificates:
 - Project Management

For the Panel

- In your opinion, what makes a successful project manager?
- What would you advise students in this career path to take advantage of at Katz or in the Pittsburgh community?
- What is the value-add to pursuing an external certification, such as the PMP? What advice do you have for students pursuing such certifications?

Positions within Strategy & Operations Consulting

- Performance Improvement Consultant
- Operations & Strategy Consultant
- Internal Management Consultant

S&O Consulting

Key Skills Needed:

1. Relationship Management
 2. Political savvy
 3. Problem Solving
 4. Interpersonal/written communication
 5. Action oriented
 6. Agile in ambiguous situations
 7. Strong business acumen
 8. Comfortable around top management
 9. Composed
 10. Conflict management
1. Functional/technical skills (including quantitative, analytical, and mathematical modeling)
 2. Timely decision making
 3. Technical learning
 4. Interpersonal savvy
 5. Project Management
 6. Organizational agility
 7. Planning
 8. Priority setting
 9. Process management
 10. Managing through systems

S&O Consulting Electives

Courses	Credits	Term likely to be offered
BQOM 2546-Project Management Fundamentals and Analytics	1.5	Spring
BQOM 2521-Decision Making in a Complex Environment	1.5	Fall/Spring
BQOM 2424-Production Management and Process Improvement	1.5	Fall
BQOM 2533-Global Supply Chain Management	3.0	Fall/Spring
BQOM 2537-Forecasting	1.5	Spring
BQOM 2700-Supply/Value Chain Management Project	1.5	Spring
BQOM 2523-Process Engineering	1.5	Fall
BQOM 2578-Data Mining	3.0	Fall
BIND 2400-Consulting Field Project	3.0	Fall/Spring

S&O Consulting

- Suggested Katz Certificates:
 - Project Management
 - Global Supply Chain Management

For the Panel

- How do you recommend students approach pursuing consulting opportunities?
- What do you feel is the most effective way to break into consulting?
- What type of experience should students have if interested in consulting?

Some Companies who've previously hired Katz

- Aerotech
- Alcoa
- Amazon
- American Eagle Outfitters
- Ariba
- AstraZeneca
- A.T. Kearney
- Bechtel Corporation
- Bayer Healthcare
- BASF
- Becton Dickinson
- BNY Mellon
- BP
- Chevron
- CVS Caremark Corporation
- Crane Co.
- CONSOL
- Corning
- Eaton Corporation
- Direct Energy
- Deloitte
- Denali Group
- Del Monte
- Dick's Sporting Goods
- Giant Eagle
- Highmark
- EQT
- FedEx
- GE
- Heinz
- Johnson Controls Inc.
- McKinsey & Company
- Modcloth
- PNC
- Rivers Consulting
- Pacific Gas & Electric
- Philips
- PPG
- PwC
- Raytheon
- SDLC Partners
- Sprint Nextel Corporation
- Starbucks
- Target
- Texas Instruments
- UPMC
- United Technologies
- United Airlines
- Wal-Mart
- Wesco Distribution
- Westinghouse

Professional Organizations

- Association for Operations Management (APICS)
- American Society for Quality
- Council of Supply Chain Management Professionals (CSCM)
- Energy Alliance of Greater Pittsburgh
- Production and Operation Management Society (POMS)
- Project Management Institute (PMI)
- Supply Chain Council (SCS)
- Sustainable Pittsburgh
- Young Professionals in Energy (YPE)

External Certifications

- Certified Six Sigma Green Belt or Black Belt
- Project Management Professional (PMP)
- Certified Associate in Project Management (CAPM)
- Certified in Production and Inventory Management (CPIM)
- Certified Supply Chain Professional (CSCP)

Katz Organizations

- Operations Club
- Young Professionals in Energy Pitt Collegiate
- Consulting Club

Questions?