

Request for New Major

Effective Date: FALL 2025

Submission Date: 8/29/24

Department: TWL

College of: Technology

Contact Person: Andy Klenke

Degree: Bachelor of Science

Minor Required: **No**

Modality: In Person

Proposed Major: Industrial Distribution

New Major – **REQUIRES ACADEMIC PLANNING EXCEL ATTACHED.**

Used to create a new program and requires KBOR approval.

Will become effective the upcoming academic catalog if all approvals received.

IMPORTANT: Proposals should be uploaded no later than the **OCTOBER** Preliminary legislation month. This is to allow faculty senate approval at the December meeting, and KBOR review, approval, and implementation for the following Fall semester.

Following Faculty Senate Approval, submit sign off sheet and final complete package, in electronic format, to the office of the provost (220 Russ) for forwarding to KBOR for board approval. (must be entered into KBOR PI/CIP system at time of submission).

Forms to accompany Approved Proposal

A. PSU Request for New Major Form (preceding)

B. PSU Legislative Process Authorization/Notification Sign-Off Sheet (preceding)

C. KBOR Application for New Program, https://www.kansasregents.org/academic_affairs/new_program_approval or located on the FS website

The Provost's Office will notify the department, college and Registrar of the completion of the approval process.

1. Purpose/Justification for Major:

Pittsburg State University proposes to create a "Industrial Distribution Program" to help meet the growing need for supply chain and industrial distribution managers across the state of Kansas and the Midwest region. This program will be a unique collaboration between the Crossland College of Technology (CCOT) and Kelce College of Business (KCOB) with each college offering a separate undergraduate degree in the field. The CCOT will offer a Bachelor of Science in Technology (BST) with a major in Industrial Distribution and the KCOB will offer a Bachelor of Business Administration (BBA) in Supply Chain Management. The two degrees will share a number of common courses including eight major core courses – four taught by each college. In addition, both the BST and the BBA students will be required to complete a professional internship. The common major core will be surrounded by each respective college's foundation and support courses representing their separate academic traditions. Thus, BST students will complete courses across a wide variety of technology disciplines while BBA graduates will complete courses required of all business majors. Given the wide variety of occupations across many different industries which hire industrial distribution or supply chain professionals, the option to choose either a business or technology path will give students an option not found at other institutions.

Following KBOR guidelines, this document represents the proposal to create a BST in Industrial Distribution while a separate proposal has been prepared for the BBA in Supply Chain Management. Note that this organizational structure allows Pitt State to leverage resources across the two colleges and to combine existing complementary courses into new degree programs. Of the eight major core courses, only two new courses needed to be developed – one in each college (KCOB's MGT 550 Supply Chain Management and CCOT's GRT 210 Industrial Distribution Fundamentals). Thus, given that most of the courses needed to develop these two majors already resided in the university catalog, the marginal, incremental, cost of these programs is low. Neither the KCOB nor the CCOT has the resources to produce these programs individually but cross-college collaboration makes it possible and cost-effective for both.

2. Is this new major proposal related to, and/or may affect, any degree program or minor/emphasis/certificate at PSU or any other Regent University? *If "yes", please provide an explanation and upload with any documentation between departments and/or other Regent Universities.* Yes No

The College of Technology (COT) and College of Business (COB) are utilizing courses in both degrees to assist with the development of both programs and be more efficient with course offerings and faculty placement. The COB will implement a Supply Chain Management degree which parallels the Industrial Distribution degree. Sharing coursework provides both degrees with needed content for both degrees.

3. Will this change affect any education major? *If "yes," this requirement will need approval of the Council for Teacher Education before upload to " College Curriculum Legislation" in SharePoint.*

Yes No

4. Will additional resources or costs will be required? Yes No

If so, what will be needed?

Initially, the program will utilize existing classes, labs and faculty for content delivery. As the program increases in enrollment, adjuncts or an additional faculty specialized in industrial distribution MAY be needed to accommodate increased numbers and specialized content in the industrial distribution courses.

5. Describe the program assessment plan:

a. Enrollment targets = Year 1 = 10, Year 2 = 20, Year 3 = 30, Year 4 = 40, Year 5 = 50

b. Outcome expected and process to evaluate =

Expect initial enrollment to be low as marketing will be initiated in Spring of 2024. Numbers will improve as the program is implemented and recruitment strategies are executed. Potential student enrollment will be closely monitored utilizing newly admitted reports, PittCARES signup, and enrollment. Program progression will be closely monitored by student services.

c. Plan to abandon if enrollment targets not met =

The program will need 2-3 years to adequately assess the potential of the program. At the end of year 3, the program can be evaluated for cancellation, as no additional cost would be incurred by PSU at that point such as additional faculty or facility needs.

Authorization Sign-Off

Checklist

- Academic Planning Excel Attached
- Course Id's match Course Names
- Course hours are correct
- Courses are currently Active

- Curriculum hours meet 120
- KBOR forms attached
- Provost Office contacted

-Approved: Department Chair/Director

Date: 10/9/2024 Signature: 

-Approved: College Curriculum Chair

Date: 11/13/24 Signature: 

-Approved: Dean of College

Date: 11/13/24 Signature: 

-Approved: Council for Teacher Education, if applicable

Date: _____ Signature: _____

-Approved: University Undergraduate Curriculum Committee

Date: _____ Signature: _____

-Approved: Faculty Senate

Date: _____ Signature: _____

Originating Department(s): After completing this form, please upload it to the SharePoint, within the appropriate College folder, "Preliminary Legislation", to allow for review and questions. Any modifications should be saved as "original file name.v2.docx" and uploaded as well.

Following final College Curriculum Committee approval, please apply the appropriate signatures, and send them to your College Administrator.

Please Note: This is a 3-month process, at least, and is designed to eliminate questions and concerns at the beginning of the process. Any questions/concerns not addressed prior to the College Curriculum Committee and the Faculty Senate University Undergraduate Curriculum Committee, may result in an additional month added to the process.

Pittsburg State University
Bachelor of Science in Industrial Distribution

Program Approval

I. General Information

A. Institution	Pittsburg State University
B. Program Identification	
Degree Level:	Bachelor's
Program Title:	Industrial Distribution
Degree to be Offered:	Bachelor of Science in Industrial Distribution
Responsible Department or Unit:	Crossland College of Technology, School of Technology & Workforce Learning
CIP Code:	52.1801
Modality:	Face-to-Face
Proposed Implementation Date:	Fall2025

Total Number of Semester Credit Hours for the Degree: 120

II. Clinical Sites: Does this program require the use of Clinical Sites? No

III. Justification

Pittsburg State University proposes to create a "Industrial Distribution Program" to help meet the growing need for supply chain and industrial distribution managers across the state of Kansas and the Midwest region. This program will be a unique collaboration between the Crossland College of Technology (CCOT) and Kelce College of Business (KCOB) with each college offering a separate undergraduate degree in the field. The CCOT will offer a Bachelor of Science in Technology (BST) with a major in Industrial Distribution and the KCOB will offer a Bachelor of Business Administration (BBA) in Supply Chain Management. The two degrees will share a number of common courses including eight major core courses – four taught by each college. In addition, both the BST and the BBA students will be required to complete a professional internship. The common major core will be surrounded by each respective college's foundation and support courses representing their separate academic traditions. Thus, BST students will complete courses across a wide variety of technology disciplines while BBA graduates will complete courses required of all business majors. An appendix is attached to this proposal to illustrate how the two degrees share courses and provide students with a choice of how to focus their studies from either a technological or a business perspective. Given the wide variety of occupations across many different industries which hire industrial distribution or supply chain professionals, the option to choose either a business or technology path will give students an option not found at other institutions.

Following KBOR guidelines, this document represents the proposal to create a BST in Industrial Distribution while a separate proposal has been prepared for the BBA in Supply Chain Management. Note that this organizational structure allows Pitt State to leverage resources across the two colleges and to combine existing complementary courses into new degree programs. Of the eight major core courses, only two new courses needed to be developed – one in each college (KCOB's MGT 550 Supply Chain Management and CCOT's GRT 210 Industrial Distribution Fundamentals). Thus, given that most of the courses needed to develop these two majors already resided in the university catalog, the marginal, incremental, cost of these programs is low. Neither the KCOB nor the CCOT has the resources to produce these programs individually but cross-college collaboration makes it possible and cost-effective for both.

IV. Program Demand Market Analysis

In recent years, the market for those holding a degree in industrial distribution and related fields has grown significantly. The COVID pandemic highlighted the critical need to effectively manage the ever-increasing complexity of global distribution and supply chains and advancements in transportation technology. The competitive pressures of the global economy have increased the demand for skilled professionals who can manage industrial distribution operations in most industries. As evidenced by the number of job vacancies and the level of competitive salaries (see Section VI below), there is a strong labor market for industrial distribution and supply chain professionals in the state of Kansas. No Regent institution offers a degree in industrial distribution. Two of the three research universities within the KBOR system currently offer supply chain undergraduate degrees: KU – BSB in SCM, and KSU – BS in Operations & SCM, while WSU offers a Master’s in Management Science & SCM. Other 4-year campuses within the system offer coursework in the field and some 2-year campuses such as WSU-Tech and JCCC offer certificates and/or an AA in supply chain management. However, industrial distribution and supply chain management degrees are not offered currently at the three regional 4-year campuses. Recent initiatives through the Kansas Department of Commerce (<https://www.kansascommerce.gov/program/workforce-services/ktrain/>), and highlighted by KBOR’s Workforce Development Staff, indicate that there is a need to produce more in-state supply chain professionals (https://www.kansasregents.org/workforce_development/workforce_news_media). Likewise, at the national level, the U.S. Bureau of Labor Statistics estimated that there will be a 28% job growth for logisticians, including supply chain managers, between the years 2021 and 2031. Pitt State’s proposed joint Industrial Distribution and Supply Chain Management Programs are designed to help meet these statewide and national workforce needs.

Pitt State is uniquely situated and equipped to supplement the talent pool for industrial distribution professionals in the state of Kansas. Located in the southeast corner of the state, regional students do not have access to a regional industrial distribution or supply chain management program. The nearest 4-year bachelor programs are in Lawrence and Manhattan, Kansas, Springfield, Missouri, and Fayetteville, Arkansas – each of these are two or more hours away and attract a different demographic mix of students than PSU. The proposed program is not anticipated to be in direct competition with programs at those universities. Historically, Pittsburg has been a transportation hub since its days as the center of the southeast Kansas coal mining. Pittsburg is home to Watco Companies, the second largest operator of short line railroads in the United States with operations in 27 states, Canada, and Australia. Due to corporate policies, numerous Walmart suppliers and their distribution centers are located in Northwest Arkansas, one of the fastest growing metropolitan areas in the country. Jake’s Fireworks is one of the largest importers of fireworks in the world. Pitsco Education is one of the largest suppliers of K-12 STEM products in the U.S. Pitt State has a history of placing graduates in these companies, and many other companies in the area, and we believe the proposed new supply chain major will enhance our relationships with them. As structured, there is a strong local and regional market for graduates of the proposed degrees.

V. Projected Enrollment for the Initial Three Years of the Program

Year	Headcount Per Year		Sem Credit Hrs Per Year*	
	Full- Time	Part- Time	Full- Time	Part- Time
Implementation	10		300	
Year 2	20		600	
Year 3	30		900	

Note: Projections above for BST Industrial Distribution only; see separate proposal for the Supply Chain Management BBA for additional student projections.

VI. Employment

Graduates of supply industrial distribution programs can pursue a wide range of careers, such as:

- **Distribution Specialist:** Facilitates and manages the shipping and receiving processes of a warehouse.
- **Distribution Manager:** manages the distribution operations for a company, including warehouse operations.
- **Order Manager:** Oversees and manages customer order activity.
- **Purchasing Agent:** Collaborates with the purchasing manager to negotiate prices with vendors, manufacturers and suppliers.
- **Operations Manager:** Oversee the overall operations of a business, including production, inventory management, and quality control.
- **Warehouse Manager:** supervises the activities of their staff, including the management of vehicles, security, sanitation and equipment.
- **Facilities Manager:** oversees all activities related to a building, like a factory or a warehouse.

The market for industrial distribution professionals in Kansas is currently strong. At the time of this writing (10/07/24), online recruiting firm Indeed.com reported over 400 positions. Many of these jobs are entry level and located in communities where Pitt State already has a substantial alumni base, including Johnson County which is the second largest feeder county for Pitt State students. We anticipate that the Industrial Distribution degree will present an attractive opportunity for those students desiring a professional career in Kansas.

Salaries for industrial distribution professionals in Kansas are also attractive and above average. A review of industrial distribution currently listed by Indeed reveal a range from \$65K to \$130K per year. According to the U.S. Bureau of Labor Statistics, the median annual salary is \$84K. Long-term salary prospects in the field are very bright as Salary.com reports that supply chain senior managers have a median annual income of \$107K.

Given the current state-wide demand for industrial distribution professionals, graduates of the program should face plentiful opportunities for gainful employment in Kansas.

VII. Admission and Curriculum

A. Admission Criteria

Students pursuing the proposed BST in Industrial Distribution will be admitted to the university according to prevailing Pittsburg State campus-wide policies.

B. Curriculum

Year 1: Fall

SCH = Semester Credit Hours

Course #	Course Name	SCH....
ID 210	Industrial Distribution Fundamentals	3
GT 210	Technology in the World Today (SGE) ⁰⁷⁰	3
ENGL 101	English Composition (SGE) ⁰¹⁰	3
UGS 150	Gorilla Gateway (SGE) ⁰⁷⁰	2
Bucket 060	Arts & Humanities (SGE) ⁰⁶⁰	3
Bucket 070	Institutionally Designated (SGE) ⁰⁷⁰	1

Year 1: Spring

Course #	Course Name	SCH....
GT 300	Engineering Design and Problem Solving	3
EET 141	Introduction to Electronics	3
ENGL 299	Introduction to Research Writing (SGE) ⁰¹⁰	3
Bucket 050	Social and Behavioral Sciences (SGE) ⁰⁵⁰	3
Bucket 030	Math and Statistics (SGE) ⁰³⁰	3

Year 2: Fall

Course #	Course Name	SCH....
GT 320	Communications Systems in Technology	3
MECET 121	Engineering Graphics (or CMET 133)	3
COMM 207	Speech Communications (SGE) ⁰²⁰	3
QBA 210	Business Statistics	3
MGT 330	Management and Organizational Behavior	3

Year 2: Spring

Course #	Course Name	SCH....
GT 330	Engineering Materials and Processes	3
GT 360	CAD for Automated Manufacturing	3
QBA 310	Business Analytics I	3
MKTG 330	Principles of Marketing	3
Bucket 040	Natural and Physical Sciences (SGE) ⁰⁴⁰	4

Year 3: Fall

Course #	Course Name	SCH....
GT 390	Fundamentals of Robotics and Coding	3
GT 340	Power/Energy/Transportation Systems	3
QBA 410	Business Analytics II	3
MGT 430	Legal & Social Environment of Business	3
Bucket 060	Arts & Humanities (SGE) ⁰⁶⁰	3

Year 3: Spring

Course #	Course Name	SCH....
GT 370	Construction Systems Technology	3
MGT 510	Operations Management	3
MGT 520	Quality Management	3
BUS 210	Business Professionalism (or AT 399)	3
EST 293	Introduction to Industrial Safety (or EST 296)	3

Year 3: Summer

Course #	Course Name	SCH....
ID 400	Internship for Industrial Distribution	3-6

Year 4: Fall

Course #	Course Name	SCH....
GT 380	Manufacturing Enterprise	3
TM 606	Industrial Supervision	3
MGT 550	Supply Chain Management	3
TECH xxx	Technology Elective	3

Year 4: Spring

Course #	Course Name	SCH....
AT 416	Fluid Power	3
MKTG 430	Retail and Channels Management	3
TECH xxx	Technology Elective	3
Bucket 050	Social and Behavioral Sciences (SGE)050	3
100+	Open Elective or Technology Elective	3

Total Number of Semester Credit Hours 120

VIII. Core Faculty

Note: * Next to Faculty Name Denotes Director of the Program, if applicable
 FTE: 1.0 FTE = Full-Time Equivalency Devoted to Program

Faculty Name	Rank	Highest Degree	Tenure Track Y/N	Academic Area of Specialization	FTE to Proposed Program
Byron McKay*	Assoc Prof	EdD	Y	Technology & Engineering Ed	.26
Trevor Maiserouille	Assist Instr Prof	EdD	N	Technology & Engineering Ed	.33
Matthew Brown	Assoc Instr Prof	EdS	N	Technology & Engineering Ed	.33
Future Position					1.0

Number of graduate assistants assigned to this program **1**

As proposed, the Supply Chain Management and Industrial Distribution program is a collaboration between the KCOB and CCOT. The curriculum for the Industrial Distribution major is modular in design – students take the university’s General Education package, the foundational multi-disciplinary core consisting of sixty (60) hours, fifteen (15) hours of support courses and eleven (11) hours of electives. As described above, the core is equally split between the KCOB and the CCOT and includes an internship. Since all of the General Education and core courses are already established and have adequate capacity to absorb the projected new Industrial Distribution majors, the table below lists only those individual faculty who will teach the CCOT’s share of major core courses. (The remaining major core courses will be reflected in the proposal for the KCOB’s proposal for the BBA in Supply Chain Management.)

IX. Expenditure and Funding Sources (List amounts in dollars. Provide explanations as necessary.)

A. EXPENDITURES	First FY	Second FY	Third FY
Personnel – Reassigned or Existing Positions			
Faculty	\$58,013.55	\$58,013.55	\$58,013.55
Administrators (other than instruction time)	\$4,045.53	\$4,045.53	\$4,045.53

Graduate Assistants	\$	\$	\$0.00
Support Staff for Administration (e.g., secretarial)	\$368.97	\$368.97	\$368.97
Fringe Benefits (total for all groups)	\$20,898.52	\$20,898.52	\$20,898.52
Other Personnel Costs	\$0.00	\$0.00	\$0.00
Total Existing Personnel Costs – Reassigned or Existing	\$83,326.56	\$83,326.56	\$83,326.56
Personnel – New Positions			
Faculty	\$0.00	\$0.00	\$65,000.00
Administrators (other than instruction time)	\$0.00	\$0.00	\$0.00
Graduate Assistants	\$0.00	\$0.00	\$15,570.00
Support Staff for Administration (e.g., secretarial)	\$0.00	\$0.00	\$0.00
Fringe Benefits (total for all groups)	\$0.00	\$0.00	\$22,213.06
Other Personnel Costs	\$0.00	\$0.00	\$0
Total Existing Personnel Costs – New Positions	\$0.00	\$0.00	\$102,783.06
Start-up Costs - One-Time Expenses			
Library/learning resources	\$0.00	\$0.00	\$0.00
Equipment/Technology	\$10,000.00	\$50,000.00	\$50,000.00
Physical Facilities: Construction or Renovation	\$0.00	\$0.00	\$10,000.00
Other	\$0.00	\$0.00	\$0.00
Total Start-up Costs	\$10,000.00	\$50,000.00	\$60,000.00
Operating Costs – Recurring Expenses			
Supplies/Expenses (Expendable supplies)	\$500.00	\$750.00	\$1000.00
Library/learning resources	\$0.00	\$0.00	\$0.00
Equipment/Technology (portable tools and tooling)	\$500.00	\$500.00	\$1000.00
Travel (Training, seminars, conferences based on rotation)	\$5000.00	\$5000.00	\$5000.00
Other			
Total Operating Costs (Does not account for inflation)	\$6000.00	\$6250.00	\$7000.00
GRAND TOTAL COSTS	\$99,326.56	\$139,556.56	\$223,653.12

B. FUNDING SOURCES (projected as appropriate)	Current	First FY (New)	Second FY (New)	Third FY (New)
Tuition / State Funds	0	\$84,000.00	\$168,000.00	\$252,000.00
Student Fees	0	\$3,600.00	\$7,200.00	\$9,900.00
Other Sources	0	\$11,726.56	\$0	\$0

GRAND TOTAL FUNDING		\$99,326.56	\$175,200.00	\$261,900.00
C. Projected Surplus/Deficit (+/-) (Grand Total Funding <i>minus</i> Grand Total Costs)		-0	\$35,643.44	\$38,246.88

X. Expenditures and Funding Sources Explanations

A. Expenditures

Personnel – Reassigned or Existing Positions

- Will utilize existing personnel and courses initially so personnel costs are minimal in years one and two. Costs for the CCOT are based on the %FTE.
- Byron McKay will serve as ID program coordinator, establishing faculty and course scheduling in coordination with the CCOT courses.
- Students will take courses within the Crossland College of Technology and Kelce College of Business as part of their program of studies, initially negating the need for new faculty.
- Current administration and support staff will oversee and support the program.
- This program will allow the two colleges to more efficiently utilize their existing resources by filling currently empty seats.

Personnel – New Positions

- Program growth will determine the need for additional faculty. If a new faculty is needed in year three, and it is preferred the faculty have experience in industrial distribution. The new faculty will assess industry standards and program evaluation practices for the degree.
- Graduate position includes \$10,070 Tuition, \$5,500 Salary, and \$469.70 in fringes.

Start-up Costs – One-Time Expenses

- Modifying General Technology courses to add focused content of industrial distribution will require some new equipment, tools and software. Each year/semester courses will be modified until the full curriculum is supported with appropriate technology, tooling, software and equipment.
- The second and third year will see the most one-time expenses because the dedicated industrial distribution classes will require software, equipment and tools to support curricular development.

Operating Costs – Recurring Expenses

- Laboratory courses will require supplies to complete assignments and projects. As enrollment grows this cost will increase due to the materials used.
- Recurring tooling costs as well as equipment replacement is inevitable with equipment which has been and is used in other programs. This is an estimated replacement cost for jig and fixture tooling, operational tooling, tools/power tools that are end of life and need replacement.
- Travel will be for training/education of faculty to teach ID concepts. These educational opportunities might be in the form of workshops, seminars, conferences, industry training, etc. Most likely the faculty would be rotated as needed for Industrial Distribution courses taught.

B. Revenue: Funding Sources

- Funding will come from two sources for supporting the program.
 - Tuition will be generated from initial enrollment and will increase each year. The first year projection may not be covered completely by tuition and will require other university funding for start-up costs. Tuition revenue is estimated based on full time student enrollment in the program.
 - Equipment will be covered from COT Technology Fees until adequate equipment is purchased for the program. After year three the COT Technology Fee will be used to purchase equipment as needed by the program for adequate instruction.

C. Projected Surplus/Deficit

- It should be noted that data is skewed because the program is utilizing faculty, classrooms, labs and equipment already being used by other programs. This is explained below.
 - Year 1
 - Initially, the program is expected break even due to initial enrollment estimates and other funding sources. The funding will be adequate to cover the initial costs of the program based on the projected revenue.
 - Year 2
 - Year two will have the best potential for being net neutral based on projected increased enrollment numbers by adding the enrollment for year one and year two.
 - Additional laboratory equipment needs will be addressed in this year.
 - Year 3
 - Adding an additional instructional faculty and graduate assistant will increase the cost of the program significantly. The faculty will only be added if enrollment justifies the position. Enrollment estimates will cover the increased costs of these positions.
 - Additional equipment will also be necessary for course improvements to teach the curriculum.

XI. References

Glassdoor.com. "Supply chain jobs in Kansas." https://www.glassdoor.com/Job/kansas-us-supply-chain-jobs-SRCH_IL.0.9_IS3107_KO10,22.htm

Salary.com. "Distribution manager salary in the United States." <https://www.salary.com/tools/salary-calculator/distribution-manager>

U.S. Bureau of Labor Statistics. "Logisticians." <https://www.salary.com/tools/salary-calculator/distribution-manager>

Indeed.com, "20 Industrial Distribution Jobs You Can Pursue". <https://www.indeed.com/career-advice/finding-a-job/industrial-distribution-jobs>

Indeed.com, "Distribution Manager Salaries in the United States". https://www.indeed.com/career/distribution-manager/salaries?from=top_sb

Indeed.com, "Distribution Manager Salaries in Kansas" https://www.indeed.com/career/distribution-manager/salaries/KS?from=top_sb

Speedcommerce.com, “Are Logistics and Warehousing Jobs in Demand, as of Late 2024?”
<https://www.speedcommerce.com/insights/are-logistics-and-warehousing-jobs-in-demand/>

APPENDIX: MAP OF SUPPLY CHAIN MANAGEMENT AND INDUSTRIAL DISTRIBUTION

	Prefix	Number	Title	HRS	BBA Supply Chain	BST Industrial Distribution
GENERAL EDUCATION (34 Hours) 6 Hrs English	ENGL	101	English Composition	3	3	3
	ENGL	299	Intro to Research Writing	3	3	3
3 Hrs Communication	COMM	207	Speech Communication	3	3	3
3 Hrs Mathematics	MATH	113	College Algebra or	3	3	3
	MATH	143	Elementary Statistics or			
	MATH	xxx	Higher Level Course			
3 Hrs Science	TBD	xxx	Restricted Student Choice	3	3	3
6 Hrs Social & Behavioral Science	TBD	xxx	Restricted Student Choice *	3	3	3
	TBD	xxx	Restricted Student Choice	3	3	3
6 Hrs Arts & Humanities	TBD	xxx	Restricted Student Choice	3	3	3
	TBD	xxx	Restricted Student Choice**	3	3	3
6 Hrs University Designated	UGS	150	Gorilla Gateway	2	2	2
	TBD	xxx	Restricted Student Choice	1	1	1
	TBD	xxx	Restricted Student Choice	3	3	3
KELCE CORE PREREQUISITES (9 Hours)						
	DSIS	130	Computer Information Systems	3	3	
	ECON	200	Principles of Microeconomics	3	3	
	ECON	201	Principles of Macroeconomics	3	3	
KELCE CORE (42 Hours)						
	ACCT	201	Financial Accounting	3	3	
	ACCT	202	Managerial Accounting	3	3	
	DSIS	420	Management Information Systems	3	3	
	ECON	xxx	Restricted Student Choice	3	3	
	FIN	326	Business Finance	3	3	
	BUS	101	Introduction to Business	3	3	
	BUS	201	Business Professionalism	3	3	
	MGT	330	Management and Organizational Behavior	3	3	3
	MGT	430	Legal and Social Environment of Business	3	3	3
	MGT	690	Business Strategy	3	3	
	MKTG	330	Principles of Marketing	3	3	3
	QBA	210	Business Statistics	3	3	3
	QBA	310	Business Analytics I	3	3	3
	QBA	410	Business Analytics II	3	3	3
COT PREREQUISITES (3 Hours)						
	GT	210	Survey of Technological Systems	3	3	3
COT BST Support Courses (30 Hours)						
	MECET	121	Engineering Graphics (or CMCET 133 Construction Graphics)	3		3
	EET	141	Introduction to Electronics	3		3
	EST	293	Introduction to Industrial Safety (or EST296 Intro to Construction Safety)	3		3

GT	320	Communication Systems	3		3
GT	360	CAD for Automated Manufacturing	3		3
GT	380	Manufacturing Enterprise	3		3
AT	399	Prof Dev in the Trans Industry (or MGT 210 Business Professionalism)	3		3
AT	416	Fluid Power	3		3
MFGET	405	Quality Control	3		3
TM	606	Industrial Supervision	3		3

SUPPLY CHAIN & INDUSTRIAL DISTRIBUTION (27 Hours)

ID	210	Industrial Distribution Fundamentals	3	3	3
GT	300	Engineering Design & Problem Solving	3	3	3
GT	340	Power/Energy/Transportation Systems	3	3	3
GT	380	Manufacturing Enterprise	3	3	3
MGT	510	Operations Management	3	3	3
MGT	520	Quality Management	3	3	3
MGT	550	Supply Chain Management	3	3	3
MKTG	430	Retail and Channels Management	3	3	3
MGT	671	Internship in Supply Chain Management	3	3	
ID	400	Internship for Industrial Distribution	3		3

ELECTIVE COURSES (5 to 11 Hours)

Suggested	ACCT	201	Financial Accounting	3		3
	GT	370	Construction Systems	3		3
	GT	390	Fundamentals of Coding and Robotics	3		3
	TBD	Xxx	Electives (As approved by advisor/mentor)			

TOTAL HOURS FOR DEGREE

120 120

*ECON201 Recommended

** MECET121, GT210 or MGT101 Recommended

Make sure to attach the program guide from current catalog! (For Revised Curriculum)

<https://www.pittstate.edu/registrar/catalog>

Academic Planning Document for 2025-2026

Major/Emphasis/Minor/Certificate -

Course Prefix	Course Num.	Course Name	Cr. Hr.
Core Courses -			60
ID	210	Industrial Distribution Fundamentals	3
ID	400	Internship in Industrial Distribution (3-6 hours)	3
AT	416	Fluid Power	3
EET	141	Introduction to Electronics	3
GT	300	Engineering Design and Problem Solving	3
GT	320	Communication Systems	3
GT	330	Engineering Materials and Processes	3
GT	360	Computer Aided Drafting for Automated Manufacturing	3
GT	340	Power/Energy/Transportation Systems	3
GT	380	Manufacturing Enterprise	3
TM	606	Industrial Supervision	3
MGT	330	Management and Organizational Behavior	3
MGT	430	Legal and Social Environment of Business	3
MGT	510	Operations Management	3
MGT	520	Quality Management	3
MGT	550	Supply Chain Management	3
MKTG	430	Retail and Channels Management	3
QBA	210	Business Statistics	3
QBA	310	Business Analytics I	3
QBA	410	Business Analytics II	3

Support Courses -			15
AT	399	Professional Development in the Transportation Industry or	
	OR		3
BUS	210	Business Professionalism	
EST	293	Introduction to Industrial Safety (or)	
	OR		3
EST	296	Construction Safety	
GT	210	Survey of Technological Systems	3
MECET	121	Engineering Graphics	
	OR		3
CMCET	121	Construction Graphics	
MKTG	330	Principles of Marketing	3

Emphasis Courses -			0

		Suggested Elective Courses -	11
ACCT	201	Financial Accounting	3
GT	370	Construction Systems	2
GT	390	Fundamentals of Coding and Robotics	3
TBD	xxx	Electives (As approved by Advisor/Mentor)	
Total Credit Hours -			86
Minor -			
General Education, 34-35 hours -			34
Total Credit Hours:			120

Be sure all information is correct and courses are active before submitting.
Curriculum Revisions **REQUIRE** a program guide from the current catalog, 24/25.
Your legislation will be returned if either is found.



KELCE
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Pittsburg State University

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To: John Iley (COT) and Sang Lee (KCOB)
From: Paul W. Grimes and Judy Smetana
Re: Supply Chain and Industrial Distribution Program Development Task Force
Date: November 15, 2023

Thank you for agreeing to serve on the Supply Chain and Industrial Distribution Program Development Task Force for the Kelce College of Business and the College of Technology. This prospective program provides the two colleges an opportunity for productive collaboration in an area of joint interest. This memo serves as your group charge.

There is a growing demand for trained personnel in supply chain management, logistics, and industrial distribution within our region and across the nation. To date, Pittsburg State University has not offered students a degree in this important area. Our vision is to leverage the resources across our two colleges to provide students with the opportunity to acquire the knowledge and skills necessary to be successful in this field.

We envision the establishment of a Supply Chain and Industrial Distribution Program to be jointly administered by the two colleges. Within this program students will have the opportunity to pursue one of two bachelors-level degree options: either a BBA in Supply Chain Management offered by the KCOB, or, a BS in Industrial Distribution offered by the COT. The two degrees will share the same major course requirements (approximately 24 credit hours) but will differ with respect to their general education and "college core" requirements (approximately 96 credit hours). This structure allows students the opportunity to wrap their supply chain training within either a traditional business education or an engineering technology education. Both approaches to the field are valued in the marketplace and the option will make Pitt State's joint program distinctive to recruiters and prospective employers. Furthermore, by sharing a common set of major field courses, the overall resource demands on each college is one-half of what would be incurred if the degrees were offered separately.

To accomplish this, please take the following steps:

1. Review existing undergraduate supply chain management, logistics, and industrial distribution programs at our peer and competitive universities to benchmark curricular requirements and identify best practices.
2. Determine what specific field courses should comprise the shared major. The major should include approximately 24 credit hours. These 24 credit hours may include existing courses and new courses to be developed. The goal is that the major will include 4 three-hour courses taught by the KCOB and 4 three-hour courses taught by COT.
3. Identify any field courses that may be "dual listed" and also offered for graduate credit.
4. Prepare the legislative paperwork for all proposed new courses. Courses within the major must be designed such that students will have satisfied any needed prerequisites regardless of whether they have chosen the BBA or the BS option.
5. After developing the major, consider the feasibility of creating either a minor and/or academic certificate in the field. Optimally, any minor or certificate should be designed such that they are available and easily accessible for other undergraduate majors within our two colleges.

6. Offer a proposed timeline for implementing the rollout of the new courses, major, minor and certificate. All legislative and KBOR approval actions should be presented as a package and clearly identified as a joint effort of the two colleges.

Please organize and begin your work this fall. Following the university's new strategic planning process, quarterly updates are expected. A final report with each of the deliverables described above should be provided to the deans prior to the end of the Spring 2024 semester.

Andrew Klenke

From: Paul Grimes
Sent: Tuesday, December 12, 2023 8:31 AM
To: John Iley
Cc: Sang-Heui Lee; Judy Smetana; Andrew Klenke; Matt Brown; Byron McKay; Trevor Maiserouille; Alex Binder
Subject: Re: Edited COB-COT Supply Chain & Industrial Distribution Matrix 12-5-2024
Attachments: COB-COT Supply Chain & Industrial Distribution Program Matrix12-11-2023.xlsx

John, et. al -

Yes, I think we'll need to get together and discuss some of the finer details. The current spreadsheet uses the Kelce Core as it stands under the current catalog - however, it will be different next year and going forward. In addition to the curriculum changes brought about by the new gen ed requirements from the board, the Faculty Senate has approved long-needed revisions to our quant course sequence within the Kelce Core. The content of these courses has been changed to reflect current employer expectations concerning quantitative skill sets, and we are introducing a new course prefix to distinguish these courses as being distinct from the field of management; BQA - Business Quantitative Analysis. The three courses will be BQA 210 Business Statistics, BQA 310 Business Analytics I, and BAQ 410 Business Analytics II. I'd like to ask our Faculty Chair, Alex Binder who oversaw these revisions to join us in the discussion so that he can explain the new course content and help us decide which of these courses SC&ID majors will need. We will do some research of peer and aspirational schools with SC programs to see what they require in this respect.

There's also a few other courses where I think there may be better choices - e.g. instead of MKTG 450 Personal Selling and Sales Management, the more appropriate course is MKTG 430 Retail and Channels Management. Note that Sang has already developed a replacement for the MKTG 480 L&SCM course which will be a Management course.

Do you think we have time to meet next week, or should we wait until after the new year? I'm open either way, but I don't want to let this slip as we are making good progress.

Thanks for all the hard work!

Paul

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Andrew Klenke

From: Paul Grimes
Sent: Thursday, July 25, 2024 11:25 AM
To: Andrew Klenke
Cc: Judy Smetana
Subject: Re: Industrial Distribution Paperwork

Follow Up Flag: Flag for follow up
Flag Status: Flagged

Andy -

Overall, everything looks good. The ID Fundamentals looks like a great course for the program - it seems to cover what we're missing in the other courses with regard to inventory control and management. Has Sang taken a look at the syllabus?

Only one substantive suggestion: With regard to the internship course, consider making it available for variable credit; such as 1 to 6 hours. With the growing popularity of micro-internships, something less than the 3 hours would be an important option for flexibility and allowing students to take a full internship twice seems appropriate. We are currently working on rewriting all of our internship course descriptions across the college to make sure they are consistent and flexible given today's opportunities.

My eye just caught a couple of typos:

- on the internship course description, first line of the "Course Description" - replace the word "Supervision" with "Distribution"
- in the syllabus for the ID Fundamentals course, the Week 1 schedule, Chapter 2, "erros" should read "errors"

Thanks so much!! Keep me in the loop as these move forward.

I've been working on cleaning up the finalized course listing for our two programs of study. After lunch, I'll send the latest spreadsheet over for you to check.

Paul

Paul W. Grimes, Dean
Kelce College of Business
Pittsburg State University
(620) 235-4590

Andrew Klenke

From: Paul Grimes
Sent: Thursday, July 25, 2024 1:23 PM
To: Andrew Klenke
Cc: Judy Smetana; Alex Binder; Sang-Heui Lee; John Iley
Subject: SC&ID Programs of Study
Attachments: SC&ID Programs of Study - 07-25-24.xlsx

Follow Up Flag: Follow up
Flag Status: Flagged

Andy -

Please find attached the latest iterations of the Supply Chain and Industrial Distribution programs of study. This reflects what Judy and I discussed last week and my notes from our previous meetings. I hope I got everything sorted out correctly and that it is close to final. I've noted in the first column those courses that are in the legislative process. Also, note if students follow our Gen Ed recommendations it will open up an additional 6 hours of electives for them.

MGT 210 Business Professionalism is designated Writing to Learn, but I'm not sure if any of your courses have that ongoing designation. Students will need another WL course and that may need to come from somewhere in the Gen Ed package - that's how we normally advise our BBA students. Are you doing the same or have another approach?

To keep everyone in the loop, I'm going to copy this email to Judy, Sang, John, and Alex.

Edits and comments will be welcomed!

Paul

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Andrew Klenke

From: Paul Grimes
Sent: Tuesday, October 01, 2024 10:10 AM
To: Andrew Klenke; Judy Smetana; Sang-Heui Lee; Alex Binder
Subject: Re: Meeting to discuss KBOR paperwork

Follow Up Flag: Follow up
Flag Status: Flagged

Andy -

Yes, the KLT discussed this and a bunch of other legislative items we have coming up. I'm going to take the lead on putting together the Supply Chain BBA proposal. Yes, my understanding is that we will need to submit separate proposals - one for your Industrial Distribution major and one for our Supply Chain Management major. When we meet let's talk about how to coordinate the KBOR pieces of the paperwork that overlap as there is no need to duplicate the work - such as the market for graduates and such. We will want our proposals to go through the approval process at the same time. I'm going to ask Mimi to find a time on the calendar this week or early next for us. Alex has told me that I need to have our paperwork finalized by the 14th to meet the deadlines. Doesn't give me much time! Glad to know you have a head start on me.

Later. . . .

Paul

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KELCE
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Pittsburg State University

From: Andrew Klenke <aklenke@pittstate.edu>
Sent: Tuesday, October 1, 2024 7:04 AM
To: Paul Grimes <pgrimes@pittstate.edu>; Judy Smetana <jsmetana@pittstate.edu>; Sang-Heui Lee <slee@pittstate.edu>; Alex Binder <abinder@pittstate.edu>
Subject: Meeting to discuss KBOR paperwork

Andrew Klenke

From: Paul Grimes
Sent: Thursday, October 03, 2024 12:59 PM
To: Judy Smetana; Andrew Klenke; Alex Binder; Sang-Heui Lee
Subject: Supply Chain Meeting
Attachments: KBOR New Degree Form - Supply Chain Management.docx; SCM Degree Proposal.pdf

Colleagues -

Please find attached the drafts of the forms proposing the BBA in Supply Chain Management. Let's talk about the best strategies to coordinate with the BST proposal tomorrow.

See ya' then!

Paul

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