

Graduates of regionally accredited Technical College System of Georgia institutions or other regionally accredited 2-year institutions with an Associate of Applied Science or Associate of Applied Technology Degree qualify for the BAS in Manufacturing Operations Program

Technical Blocks: The Department Chair of Systems & Industrial Engineering will evaluate each student's transcript and may award up to 35 semester hours of Technical Block credits.

Transfer Agreement for BAS Manufacturing Operations				
Kennesaw State University and TCSG Institutions				
2017				
<i>KSU Course</i>	<i>KSU Course Title</i>	<i>Credit</i>	<i>TCSG Course</i>	<i>TCSG Course Title</i>
<i>Number</i>	<i>Title</i>	<i>Hours</i>	<i>Number</i>	<i>Title</i>
Area A Essential Skills (9 hours)			TCSG Common	
ENGL 1101	English Comp I	3	ENGL 1101	English Comp I
ENGL 1102	English Comp II	3	ENGL 1102	English Comp II
MATH 1111	College Algebra	3	MATH 1111	College Algebra
Area B Institutional Option - Social Issues (5 hours)				
<i>B1</i>			<i>B1</i>	
ECON 1000	Contemporary Economic Issues	2		
<i>B2</i>			<i>B2</i>	
COM 1100	Human Communication	3	COMM 1109	Public Speaking
Area C Humanities/Fine Arts (6 hours)				
<i>C1: Choose one of the following</i>			<i>Choose one of the following:</i>	
ENGL 2110	World Literature	3	ENGL 2110	World Literature
ENGL 2130	American Literature	3	ENGL 2130	American Literature
<i>C2: Choose one of the following</i>			<i>Choose one of the following:</i>	
ART 1107	Art in Society	3	ARTS 1101	Art Appreciation
MUS 1107	Music in Society	3	MUSC 1101	Music Appreciation
Area D Science/Mathematics (10-11 hours)				
MATH 1107	Introduction to Statistics	3	MATH 1127	Introduction to Statistics
Science I	Area D Lab Science	4	Science I	PHYS, CHEM, BIOL with Lab
Science II	Area D Science	3	Science II	PHYS, CHEM, BIOL without Lab
Area E Social Sciences (12 hours)				
<i>E1</i>				
POLS 1101	American Government	3	POLS 1101	American Government
<i>E2: Choose one of the following</i>			<i>Choose one of the following:</i>	
HIST 2111	US History I	3	HIST 2111	US History I
HIST 2112	US History II	3	HIST 2112	US History II
<i>E3: Choose one of the following</i>			<i>Choose one of the following:</i>	
HIST 1111	World History I	3	HIST 1111	World History I
HIST 1112	World History II	3	HIST 1112	World History II
<i>E4: Choose one of the following</i>			<i>Choose one of the following:</i>	
CRJU 1101	Foundation of Criminal Justice	3	CRJU 1010	Intro to Criminal Justice
ECON 2100	Principles of Microeconomics	3	ECON 2106	Microeconomics
PSYC 1101	Introduction to General Psychology	3	PSYC 1101	Introductory Psychology

SOCI 1101	Introduction to Sociology	3	SOCI 1101	Introduction to Sociology
Area F: Lower Division Requirements (18 hours)				
	Technical Block-up to 18 hours	18		Various Courses
Major Requirements (60 hours)				
IET 2305	Role of IE's in Industrial Systems	4		
IET 3322	Work Measurement & Ergonomics	4		
IET 3339	Statistical Quality Control	3		
IET 3356	Quality Concepts & Systems Design	3		
IET 3424	Engineering Economy	3		
IET 4115	Human Resources for Engineers	3		
IET 4135	IET Project Management	3		
IET 4405	Operations Research	3		
IET 4422	Facilities Layout, Plt Layout & MH	4		
IET 4151	Operations Management for Engineers	3		
IET 4810	Ethics and Safety	1		
	Electives: Choose 9 hrs. from the list below	9		
IET 3403	Advanced Statistics with Application	3		
IET 3407	Six Sigma and Lean Manufacturing	3		
IET 3410	Principles of Team Dynamics	3		
IET 3511	Sustainability	3		
IET 3620	Warehousing Systems	3		
IET 445 I	Systems Simulation	3		
MGT 3100	Management and Behavior Sciences	3		
MET 2322	Metrology and CNC Machining	3		
	Technical Block-up to 17 hours	17		Various Courses
	Hours to complete the Program	120		