

Kennesaw State University and Wiregrass Georgia Technical College

BAS Manufacturing Operations

STUDENT PERFORMANCE CRITERIA:

Wiregrass Georgia Technical College (WGTC) students must have earned a grade of “C” or better in courses qualifying for articulated credit in order for automatic transfer credit to occur. Students applying for Admission into Kennesaw State University must meet KSU's Admission Requirements.

- Graduates of the Associate of Applied Science programs are guaranteed admission to Kennesaw State University.
- The Department Chair of Systems and Industrial Engineering will evaluate each student’s transcript and may award up to 35 semester hours of Technical Block credits.

WGTC Program Components

Course Title	WGTC Course	Credit Hours	KSU Course
Area A (9 hours)			
Composition and Rhetoric	ENGL 1101	3	ENGL 1101
Literature and Composition	ENGL 1102	3	ENGL 1102
College Algebra	MATH 1111	4	MATH 1111
Area B (5 hours)			
Principles of Economics	ECON 1001	2	
Public Speaking	SPCH 1101	3	COM 1100
Area C (6 hours)			
World Literature	ENGL 2110	3	ENGL 2110
American Literature	ENGL 2130	3	ENGL 2130
Art Appreciation	ARTS 1101	3	ART 1107
Music Appreciation	MUSC 1101	3	MUS 1107

Area D (10-11 hours)			
Introduction to Statistics	MATH 1127	3	MATH 1107
PHYS, CHEM, BIOL, with Lab	Science I	4	Science I
PHYS, CHEM, BIOL without Lab	Science II	3	Science II
Area E (12 hours)			
American Government	POLS 1101	3	POLS 1101
US History I	HIST 2111	3	HIST 2111
US History II	HIST 2112	3	HIST 2112
World History I	HIST 1111	3	HIST 1111
World History II	HIST 1112	3	HIST 1112
Intro to Criminal Justice	CRJU 1010	3	CRJU 1101
Microeconomics	ECON 2106	3	ECON 2100
Introductory Psychology	PSYC 1101	3	PSYC 1101
Introduction to Sociology	SOCI 1101	3	SOCI 1101
Area F (18 hours)			
Various Courses	XXXX xxxx	18	Technical Block-up to 18 hours

KSU Program Components

KSU Degree Specific Courses		Credit Hours	KSU Course
Major Requirements (60 hours)			
Role of IE's in Industrial Systems		4	IET 2305
Work Measurement & Ergonomics		4	IET 3322
Statistical Quality Control		3	IET 3339
Quality Concepts & Systems Design		3	IET 3356
Engineering Economy		3	IET 3424
Human Resources for Engineers		3	IET 4115
IET Project Management		3	IET 4135
Operations Research		3	IET 4405

Facilities layout, Pit Layout, & MH		4	IET 4422
Operations Management for Engineers		3	IET 4151
Ethics and Safety		1	IET 4810
Advanced Statistics with Application		3	IET 3403
Six Sigma and Lean Manufacturing		3	IET 3407
Principles of Team Dynamics		3	IET 3410
Sustainability		3	IET 3410
Warehousing Systems		3	IET 3620
Systems Simulation		3	IET 4451
Management and Behavior Sciences		3	MGT 3100
Metrology and CNC Machining		3	MET 2322
Various Courses		17	Technical Block-up to 17 hours