TRANSFER PATHWAY GUIDE
2025-2026

Associate in Applied Science in Industrial Maintenance Technology - Industrial Maintenance Track to Bachelor of Science in Lean Systems Engineering Technology (LST)

Overview

Completion of the following curriculum will satisfy the requirements for an Associate in Applied Science in Industrial Maintenance Technology- Industrial Maintenance Track (IMT) and leads to the Bachelor of Science degree in Lean Systems Engineering Technology at the University of Kentucky.

Admission Requirements

To be accepted into this feeder-completer program, transfer students must have a minimum cumulative college GPA of 2.0 in addition to a "C" or better in all technical core classes. Students must have satisfactorily completed all requirements for the AAS in Industrial Maintenance Technology- Industrial Maintenance Track as well as necessary pre-requisites for the LST program at The University of Kentucky (UK).

Degree Requirements

Upon transfer into the Lean Systems Engineering Technology program, 30 of the final 36 credit hours earned toward a UK degree must be completed at UK. To graduate, students must adhere to the program and GPA requirements of the College of Engineering's Admission, Retention, and Completion policy as described in the UK Bulletin.

In order to meet graduation criteria at UK, students must complete all required UK Core requirements and the University Foreign Language as part of their degree plan. Students must earn a minimum of 127 hours to graduate.

General Transfer Requirements

All prospective transfer students are encouraged to receive advising from the University of Kentucky Transfer Center. Appointments are offered online and in-person, and can be scheduled online at https://admission.uky.edu/transfer/advising

Additionally, we recommend reviewing **UK transfer admission requirements** https://admission.uky.edu/transfer/requirements and the **Frequently Asked Questions** https://admission.uky.edu/transfer/frequently-asked-questions and on our **KCTCS to UK transfer website:** https://admission.uky.edu/kctcs-transfer

For more information, please contact the UK Transfer Center by email at UKTransfer@uky.edu, by phone at 859-257-2000, or in-person in Room 100 of the Funkhouser Building on UK's campus.

AAS in Industrial Maintenance Technology-
Industrial Maintenance Track to
University of Kentucky Bachelor of Science in Lean Systems Engineering Technology

Kentucky Community and Technical College System

Admissions Requirements for LST

*Students may transfer to UK upon successful completion of an Associate in Applied Science in Industrial Maintenance Technology- Industrial Maintenance Track. The AAS degree focuses heavily on important concepts needed to be successful in upper division coursework at the University of Kentucky; students who do not complete an AS or AA must meet general education requirements in order to complete the program at UK. Students are encouraged with work closely with their advisors to plan for these courses.

**Below are the preferred General Education Core options within the IMT program. If you take general education courses that are different than those below, you will need to consult with the LST program advisor to learn which courses may still be needed.

Category 1: AAS General Education Requirements (18 hours)

KCTCS Course	Course or Category	Credits	UK Course	Completed
ENG 101	Writing I (WC)	3	ENG 101	
TBS XXX	Oral Communications (OC)	3	TBD XXX	
TBS XXX	Heritage (AH) **or** Humanities (AH)	3	TBD XXX	
TBS XXX	Social and Behavioral Science (SB)	3	TBD XXX	
PHY 151	Introduction to Physics (NS)	3	PHY 151	
MAT 150	*College Algebra (QR)	3	MA 109	
	Subtotal General Education Core	**18**		

*Student will need to complete one of the following math pathways prior to graduation from UK:
    a. MAT 150 (College Algebra) + MAT 155 (Trigonometry) + MAT 170 (Brief Calculus with
      Applications) through KCTCS
    b. MAT 126 (Technical Algebra & Trig.) through KCTCS + MA 123 (Elementary Calculus) through UK

Category 2: IMT-Industrial Maintenance Track AAS Degree Requirements

KCTCS Course	Course or Category	Credits	UK Course	Completed
TBS XXX	AAS Technical Core	42-50		
	Subtotal AAS Technical Requirements	42-50		
	Subtotal AAS Requirements	**60-68**		

TBS XXX means to be selected by KCTCS student.
TBD XXX means to be determined by University of Kentucky based on course selected.

Category 3: Additional Gen. Ed. Courses (required to graduate from UK- can be taken at KCTCS or UK)

KCTCS Course	Course or Category	Credits	UK Course	Completed
ENG 102	Writing II (WC)	3	ENG 102	
MAT 155	^Trigonometry (QR)	3	MA 112	
MAT 170	^Brief Calculus with Applications (QR)	3	MA 123	
TBS XXX	*Heritage (AH) **or** *Humanities (AH)	3	TBD XXX	
TBS XXX	Natural Science (NS) with Lab	4	TBD XXX	
TBS XXX	**Social and Behavioral Science (SB)	3	TBD XXX	
	Subtotal General Education Core	19		

*Students should complete whichever course they did not previously complete for the IMT program. Students will need 1 Humanities and 1 Heritage course.

**Students should choose from a discipline of SB different than the first taken for the IMT AAS degree. For example, if you take SOC 101, you should choose any SB course outside of the SOC category.

***If these additional general education courses are not completed prior to transfer, additional general education courses will be required at UK to fulfil UK Core requirements.

^Student will need to complete one of the following math pathways prior to graduation from UK:

      a. MAT 150 (College Algebra) + MAT 155 (Trigonometry) + MAT 170 (Brief Calculus with Applications) through KCTCS

      b. MAT 126 (Technical Algebra & Trig.) through KCTCS + MA 123 (Elementary Calculus) through UK

University of Kentucky

Major Requirements for the Bachelor of Science in Lean Systems Engineering Technology

UK Course	Course	Credits	KCTCS Course	Taken at KCTCS
LST 301	Introduction to Just-in-Time Operations	3		
LST 302	Manufacturing Simulation & Material and Information Flow Charts	4		
LST 303	Introduction to Abnormality Management (Jidoka)	3		
LST 304	Introduction to Productivity Improvement	3		
LST 305	System of Quality Assurance & Built-in-Quality	4		
LST 306	Kaizen of Standardized Work	4		
LST 400	Engineering Economics	2		
LST 403	Production Instruction, Small Lot Production & Change over Processes	4		
LST 404	Logistics	3		
LST 405	Managing the Shop Floor and Leading kaizen	4		
LST 406	Problem Solving II	4		
LST 409	Capstone I	3		
LST 410	Capstone II	3		
WRD 204	Technical Writing	3		
TBS XXX	*Technical Elective	6		
UK Core	**Students will need to complete any remaining UK Core that was not previously completed through KCTCS	TBD		
Subtotal UK Credit Hours		**53**		
Total Baccalaureate Degree Credit Hours		**132-140**		

*Technical Electives must be taken at UK and should be chosen from courses at or above the 300+ level with the help of their UK advisor.

**Student should meet with a UK advisor to determine which remaining general education courses may be needed.