

Industrial Maintenance/Mechatronics

The Industrial Maintenance/Mechatronics program is designed to provide students with general skills in a variety of areas common to industry.

The mission of the Industrial Maintenance/Mechatronics program is to provide the most competency-based training for the students that will benefit and equip each and every individual to achieve his/her goals as they enter or re-enter the workforce. This can be done by: Seeing each and every student as an individual with their own unique skills, gifts, and abilities. Finding out what those skills and gifts are and shaping their abilities through the training to enhance the same. Carefully and closely matching jobs and students to find as close a connection as possible that will benefit the student, the employer, and the success of the program in the years to come. Building a strong relationship with community businesses that will have the utmost confidence in our students and in the program so that their first thoughts for filling available positions will be the IM program of TCAT Knoxville and the school as a whole.

Program	Location	Length	Days	Time
Day Program	TCAT Knoxville Main Campus	16 Months	Monday-Friday	8:00 am—2:30 pm
Day Program	TCAT Knoxville at Anderson County Campus	16 Months	Monday-Friday	8:00 am—2:30 pm
Night Progran	n TCAT Knoxville Main Campus	16 Months	Monday-Friday	3:30 pm—10:00 pm

Curr	iculum/Courses	Completion Award		Required Hours
IMM 0001	Worker Characteristic			
IMM 1010	Tech Foundations	Advanced Programmable Logic Controllers Certifica & Robotics LCs-Robotics Industrial Maintenance Helper Certifica Industrial Maintenance Technician Diplom		432
IMM 1020	Orientation and Safety			
IMM 1030	Mechanical			864
	Maintenance			1728
IMM 1040	Hydraulics			
IMM 1050	Pneumatics	Typical Job Opportunities Industrial Maintenance		
IMM 0002	Worker Characteristic			
IMM 2010	Basic Electricity	Mechanical Maintenance Electrical Maintenance		
IMM 2020	Electric Motor Control	Electrical Municertainee		
IMM 2030	Intro to PLCS	HOW TO APP	LY	
IMM 0004	Worker Characteristic	All Documents Must be Presented	Together to	Apply
IMM 3010	PLCS 2	1. FAFSA—Provide Proof of Con	nnleted FA	FSΔ
IMM 0004	Worker Characteristic	School Code = 004025 at https://fafsa.ed.gov/ 2. Complete TCAT Application for Enrollment (Form is Attached)		_
IMM 4010	IM-2300 Intro to			a.gov/
	Robotics			nent
IMM 4020	IM-1800 Adv PLCS 2 & Robotics			



Industrial Maintenance/Mechatronics

Book, Tool, and Supply List

1st Trimester				
uition		Cost		Total
Tuition*		\$1,169.00		
Technology Access Fee*		\$ 67.00		
Student Activity Fee*		\$ 10.00		
OSHA 10 Training		\$ 25.00		
TOTAL				\$1,271.0
and in	ICDAL	Cont	Danimal	
ooks	ISBN 078003C037134	Cost	Required	
Industrial Mechanics, 4th edition Industrial Mechanics workbook, 4th edition	9780826937124	\$ 147.00	X	
	9780826937131	\$ 40.00	X	
Electrical Motor Controls (w/CD), 5th Ed.	9780826912268	\$ 146.00	X	
Electrical Motor Controls for Integrated Systems WB	9780826912275	\$ 37.00	X	
Programmable Logic Controllers (ACT MAN)	9781259682476	\$ 98.00	X	
Programmable Logic Controllers (w/out Logixpro Lab & CD)	9780073373843	\$ 181.00	Х	45.50.00
TOTAL				\$649.00
pplies	Needed By	Cost	Required	
Denim Jeans	First day of class	\$ 35.00	х	
3 Black Short Sleeve Work Shirts (collared, polo, or tshirt)	First day of class	\$ 30.00	Х	
Black or Brown Belt	First day of class	\$ 20.00	х	
Steel Toe Work Boots	First day of class	\$ 140.00	X	
Safety Glasses	First day of class	\$ 10.00	X	
TOTAL	se day or olds	Ψ 10.00		\$235.00
101/12				7233.00
pols	Needed By	Cost	Required	
Tool Box or Tool Pouch	Per Instructor		х	
Combination Insulated Screwdriver Set	Per Instructor		х	
Wire Strippers	Per Instructor		х	
Needle Nose Pliers	Per Instructor		х	
2 Hex Head Key Sets (1 standard and 1 metric)	Per Instructor		х	
6" Steel Ruler with Sliding Bar	Per Instructor		х	
Digital Multimeter Auto Ranging	Per Instructor		х	
Clamp-on Amp Meter	Per Instructor		х	
Electrical Crimping Pliers	Per Instructor		х	
TOTAL				\$495.00
2nd Trimester				
uition		Cost		Total
Tuition*		\$1,169.00		
Technology Access Fee*		\$ 67.00		
Student Activity Fee*		\$ 10.00		
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3rd Trimester		
Tuition	Cost	Total
Tuition*	\$1,169.00	
Technology Access Fee*	\$ 67.00	
Student Activity Fee*	\$ 10.00	
TOTAL		\$1,246.00
4th Trimester		
Tuition	Cost	Total
Tuition*	\$1,169.00	
Technology Access Fee*	\$ 67.00	
Student Activity Fee*	\$ 10.00	
TOTAL		\$1,246.00
Miscelleanous Cost	Cost Required	
Graduation Supplies	\$ 40.00 x	
TOTAL		\$40.00
TOTAL PROGRAM COST		\$6,428.00



ENROLLMENT APPLICATION

Applicants must complete every item on this form, sign and date and return it to the College.

	Full Legal Name						
	Last	First		Middle			
	Address		City				
	County	State Zip	Email	Address			
		/		Gender: M F			
Personal Information	Social Security	Date of Birth	Age				
	Marital Status:MarriedSingle Preferred Phone Number:						
nal In	Race: Do you consider yourself Select one or more of the follow	·		No			
ırso		ativeNative Hawaiia					
Pe	Asian	White					
	Black or African American						
	Citizenship status:US Citize	en or US National US Du	al Citizen US Perm	nanent Resident or RefugeeOther			
	US Forces Status:Currently ServingPreviously ServingCurrent DependentN/A						
	ALL MALES 18 OR OLDER MUST be registered with Selective Service. Have you registered for Selective Service? Not required to registeredRegisteredRequired to register, but not registered						
>	Education (insert highest level	of education completed):					
Prior Education/ Training	Name of last high school attend	led:					
r Educati Training	High school graduation date (m	m/yyyy): G	ED Diploma Date				
Prio	Are you seeking credit for pri	or education, training or wo	ork experience?	_YesNo			
_	Please review the campuses we Office Technology)	bsite and provide the progran	n name choice for care	er training (Example: Administration			
is							
Program	When will you be available to e	nroll in class? Fall S	pringSummer				
	Do you plan to apply for financi	al aid?YesNo					

state civil rights law with respect to all employment, programs and activities sponsored by the TCATs.



OFFICE USE ONLY
ADMISSIONS REQUIREMENTS FAFSA
SPECIAL ADMISSIONS REQUIREMENTS Cosmetology: Photo Proof of Age Copy of SS Card RT/LT Handed Manicuring Only
Dental Assisting, Medical Assisting, and Surgical Technology HESI scores: Math 70 and Reading 70 Compass scores: Math 30 and Reading 70 HESI ACT Compass Scores: Math Reading (Date:) CPR Documentation (BLS for Healthcare Providers) Educational Transcripts Immunizations
Medical Office Information Technology Educational Transcripts
Practical Nursing: HESI required scores: Math 70 and Reading 70 Compass scores: Math 50 and Reading 80 Notarized Declaration of Citizenship Copy of ID Used to Declare Citizenship CPR Documentation (BLS for Healthcare Providers) Educational Transcripts Immunizations HESI ACT Compass Scores: Math Reading (Date:)
Truck Driving: MVR DOT Physical Valid Driver's License U.S. Citizenship / Residency
Staff Signature: Date:

Revised: 8/16/17