Industrial Maintenance Technology

Student Name _____

Enrollment Date _____ **Academic Year** _____

Emplid _____ **Scores:** **Math** _____
Reading _____
Writing _____

Progression in the Industrial Maintenance Technology program is contingent upon achievement of a grade of C or greater in each technical course and maintenance of a 2.0 cumulative grade point average or above (on a 4.0 scale).

CERTIFICATE – INDUSTRIAL MAINTENANCE ELECTRICAL MECHANIC: 14 Total Credit Hours

	Required Scores: Algebra – 31 / Reading – NA / Writing – NA	Cr Hr	Grade
	EET 270 Electrical Motor Controls I *Prereq: ELT 110 or Consent of Instructor* *Coreq: EET 271* **AND** **EET 271 Electrical Motor Controls I Lab** *Coreq: EET 270* (or (EET 264 and EET 265) or (EET 276 and EET 277) or ELT 244 or (IMT 120 and IMT 121) or (IMT 220 and IMT 221) or (IMT 280 and IMT 281))	2 2	
	ELT 110 Circuits I *Prereq: (MAT 65 or equivalent placement level) or Consent of Instructor* (or IMT 110 and IMT 111)	5	
	FPX 100 Fluid Power *Coreq: FPX 101 or Consent of Instructor* **AND** **FPX 101 Fluid Power Lab** *Coreq: FPX 100 or Consent of Instructor* (or ELT 265)	3 2	

CERTIFICATE – INDUSTRIAL MAINTENANCE MECHANIC LEVEL I: 15 Total Credit Hours

	Required Scores: Algebra – 31 / Reading – NA / Writing – NA	Cr Hr	Grade
	ELT 110 Circuits I *Prereq: (MAT 65 or equivalent placement level) or Consent of Instructor* (or IMT 110 and IMT 111)	5	
	FPX 100 Fluid Power *Coreq: FPX 101 or Consent of Instructor* **AND** **FPX 101 Fluid Power Lab** *Coreq: FPX 100 or Consent of Instructor* (or ELT 265)	3 2	
	IMT 150 Maintaining Industrial Equipment I *Coreq: IMT 151 or Consent of Instructor*	3	
	IMT 151 Maintaining Industrial Equipment I Lab *Coreq: IMT 150 or Consent of Instructor*	2	

I have reviewed this advising sheet with my advisor and understand course requirements and preferred sequence of courses necessary to complete a credential. Also, I do understand that there may be course changes with future curriculum revisions that may affect a change in course requirements listed on this sheet.

Student:_____

Advisor:_____

Date: _____

Student:_____

Advisor:_____

Date: _____

CERTIFICATE – INDUSTRIAL MAINTENANCE MACHINISTS MECHANIC: 19 Total Credit Hours

	Required Scores: Pre-Algebra–34 / Reading–74 / Writing–49	Cr Hr	Grade
	BRX 110 Basic Blueprint Reading for Machinist *No prerequisite* (or BRX 112 or BRX 120 or ELT 102)	2	
	CMM 110 Fundamentals of Machine Tools – A *No prerequisite* **AND** **CMM 112 Fundamentals of Machine Tools – B** *Prereq: CMM 110 or Consent of Instructor* (or (IMT 115 and IMT 116) or CMM 114)	3 4	
	IMT 150 Maintaining Industrial Equipment I *Coreq: IMT 151 or Consent of Instructor*	3	
	IMT 151 Maintaining Industrial Equipment I Lab *Coreq: IMT 150 or Consent of Instructor*	2	
	WLD 120 Shielded Metal Arc Welding *Coreq: WLD 121 or Consent of Instructor* **AND** **WLD 121 Shielded Metal Arc Welding Fillet Lab** *Coreq: WLD 120 or Consent of Instructor* (or (IMT 100 and IMT 101) or WLD 152)	2 3	

CERTIFICATE – INDUSTRIAL MAINTENANCE MECHANIC LEVEL II: 24 Total Credit Hours

	Required Scores: Algebra – 31 / Reading – 74 / Writing – 49	Cr Hr	Grade
	BRX 110 Basic Blueprint Reading for Machinist *No prerequisite* (or BRX 112 or BRX 120 or ELT 102)	2	
	CMM 110 Fundamentals of Machine Tools – A *No prerequisite* **AND** **CMM 112 Fundamentals of Machine Tools – B** *Prereq: CMM 110 or Consent of Instructor* (or (IMT 115 and IMT 116) or CMM 114)	3 4	
	ELT 110 Circuits I *Prereq: (MAT 65 or equivalent placement level) or Consent of Instructor* (or IMT 110 and IMT 111)	5	
	FPX 100 Fluid Power *Coreq: FPX 101 or Consent of Instructor* **AND** **FPX 101 Fluid Power Lab** *Coreq: FPX 100 or Consent of Instructor* (or ELT 265)	3 2	
	WLD 120 Shielded Metal Arc Welding *Coreq: WLD 121 or Consent of Instructor* **AND** **WLD 121 Shielded Metal Arc Welding Fillet Lab** *Coreq: WLD 120 or Consent of Instructor* (or (IMT 100 and IMT 101) or WLD 152)	2 3	

DIPLOMA – INDUSTRIAL MAINTENANCE TECHNICIAN: 51 Total Credit Hours

	Required Scores: Algebra–25/Reading–85/Writing–49 or 74	Cr Hr	Grade
	General Education:		
	Area 1 = Written Communication, Oral Communications or Humanities / Heritage / Foreign Languages *Rec. ENG 101 or COM 181 or COM 252*	3	
	Area 2 = MAT 116 Technical Mathematics (or MAT 126) (sub MAT 110) *Prereq: MAT 65 or equivalent as determined by KCTCS placement examination*	3	
	Technical Core:		
	BRX 110 Basic Blueprint Reading for Machinist *No prerequisite* (or BRX 120 or ELT 102)	2	
	Digital Literacy *Rec. CIT 105*	3	
	EET 270 Electrical Motor Controls I *Prereq: ELT 110 or Consent of Instructor* *Coreq: EET 271* **AND** **EET 271 Electrical Motor Controls I Lab** *Coreq: EET 270* (or (EET 264 and EET 265) or ELT 244 or (IMT 120 and IMT 121) or (IMT 220 and IMT 221))	2 2	
	ELT 110 Circuits I *Prereq: (MAT 65 or equivalent placement level) or Consent of Instructor* (or IMT 110 and IMT 111)	5	

		Cr Hr	Grade
	FPX 100 Fluid Power *Coreq: FPX 101 or Consent of Instructor* **AND** **FPX 101 Fluid Power Lab** *Coreq: FPX 100 or Consent of Instructor* (or ELT 265)	3 2	
	IMT 150 Maintaining Industrial Equipment I *Coreq: IMT 151 or Consent of Instructor*	3	
	IMT 151 Maintaining Industrial Equipment I Lab *Coreq: IMT 150 or Consent of Instructor*	2	
	WLD 120 Shielded Metal Arc Welding *Coreq: WLD 121 or Consent of Instructor* **AND** **WLD 121 Shielded Metal Arc Welding Fillet Lab** *Coreq: WLD 120 or Consent of Instructor* (or (IMT 100 and IMT 101) or WLD 152)	2 3	
	IMT 289 Industrial Maintenance Technology Capstone *Prereq: ((BRX 120 or ELT 102) and FPX 100 and FPX 101 and IMT 100 and IMT 101 and IMT 110 and IMT 111 and IMT 150 and 151 and IMT 220 and IMT 221) or Consent of Instructor*	1	
	Technical Electives (see catalog for complete list - circle or write in course taken) *ACR 100, ACR 101, ACR 250, ACR 251, ACR 260, ACR 261, BRX 210, CMM 110, CMM 112, CMM 114, CMM 124, CMM 224, COE 199, EET 150, EET 151, EET 264, EET 265, EET 276, EET 277, IMT 198, IMT 199, ISX 100, WLD 100, WLD 101, (or other courses with Consent of Instructor)*	15	

ASSOCIATE IN APPLIED SCIENCE DEGREE – INDUSTRIAL MAINTENANCE TECHNOLOGY: (INDUSTRIAL MAINTENANCE TECHNICIAN DIPLOMA (51 Hours) PLUS 3 additional credit hours in technical electives and 12 additional credit hours in General Education): 66 Total Credit Hours

	Required Scores: Algebra – 25 / Reading – 85 / Writing – 74	Cr Hr	Grade	Course
	Technical Electives	3		
	ENG 101 Writing I (if not taken for diploma) *Prereq: Appropriate writing placement score or ENC 91*	(3)		
	Heritage / Humanities / Foreign Languages (if not taken for diploma) *Prereq: See Compass / ACT score requirement*	(3)		
	Natural Sciences *Prereq: See Compass / ACT score requirement*	3		
	Oral Communication (if not taken for diploma) *Prereq: See Compass / ACT score requirement*	(3)		
	Social/Behavioral Sciences *Prereq: See Compass / ACT score requirement*	3		

	Developmental Math	Cr Hr
	MT 010 – KYAE Math*(Compass score 0-23 in Pre-Algebra)*	0
	MT 50 – Developmental Math Workshop **AND** **MAT 65 – Basic Algebra** *Compass score 24-41 in Pre-Algebra* (or MAT 55)	1-2 3
	MAT 65 – Basic Algebra *(Compass score 16-30 in Algebra)*	3
	MAT 85 – Intermediate Algebra *Compass score 31-35 in Algebra*	3
	MAT 100 – College Algebra Workshop *Compass score 36-49 in Algebra / ACT 19-21 - enroll concurrent in College Algebra (MAT 150)*	2
	Developmental Writing	
	EN 010 – KYAE English *(Compass score 26-38)*	0
	ENG 100 – English Workshop **AND** **ENG 101 – Writing I** *Compass score 39-73* (or ENC 91)	2 3
	Developmental Reading	
	RD 010 – KYAE Reading *(Compass score 49-69)*	0
	RDG 100 – Reading Workshop **AND** **Pre-Selected General Education Course** *Compass score 70-82* (or RDG 30)	2 3
	RDG 41 – Reading Laboratory *(Compass score 83-84)*	1

Developmental Courses: *Once students complete and pass a developmental course with a grade of 'C' or higher, they have the option of retesting or moving into the next level of developmental. Once students have completed and passed ALL levels of developmentals, they can be placed into General Education courses, including College Algebra, and are not required to retest.*

College Success Courses As Needed: *It is strongly recommended that students complete a college success course. If a student is advised into two or three developmental education courses, it is strongly recommended they enroll in the 3 credit hour college success course.*

	College Success Courses	Cr Hr
	GEN 100 Introduction to College *No prerequisite*	1
	GEN 102 Foundations of Learning *No prerequisite*	3