WESTERN NEW MEXICO UNIVERSITY
Degree Plan - Associate of Applied Science in Industrial Maintenance (5315)
Department of Applied Technology

IMP 115 Construction Drawings (2) IMP 260 Vibration Analysis (2) IMP 120 Intro Valve/Pump/Drvr (2) IMP 265 Electronic Theory (2) IMP 150 Matrl Hnd/Supp Eq/Lub (3) IMP 281 Internship (3) IMP 281 Internship (3) IMP 160 Qual Cntrl/Compliance (3) WLDT 155 Shield Metal Arc Wld (3) ELT 127 Intr A/C, Motor Th, NEC (3) IMP 200 Intro to Bearings (3) ELT 128 Bending/Cable Tray/Con (4) IMP 210 Pipe Compositions (2) ELT 235 Cond Load Calc & Overcui (3) IMP 225 Inst Coupling/Mech Seal (2) ELT 237 Mtr Operation & Controls (4) IMP 230 Pump Operation (2) ELT 237 Mtr Operation & Controls (4) IMP 230 Pump Operation (2) Copy to Registrar on (date):	Student Name:	-		ID#:			
Catalog Authority   Deadline for Application   For Graditation: June 1st for Fall; September 1st for Spring; February 1st for Summer.	Address:			Email:			
Deadline for Application for Graduation; Jane 1st for Fall; September 1st for Spring; February 1st for Summer.							
Fixed 12: At least 12 credit hours of courses from four of the following six content areas PLUS 3 credits Flex Hours	Catalog Authority Expected Completion Advisor:						
April   12   At least   2   credit hours of courses from four of the following six content areas PLUS 3   credits Flex Hours   Applied Liberal Arts and Sciences (3)							
Applied Liberal Arts and Sciences (3)							
ALAS 1810 HUM, ALAS 1820 Soc/Behav Sciences@r ALAS 1830 STEM   Course(Credits)   Sem/Year   Course(Credits)   Course(Credits)   Sem/Year   Grade   Area I - Communications (3)   FNGI. 1110 Pre-requisite/Co-req   ANTH 1140 Intro to Cultural Ambripology   EXOM 1110 Dublis Speaking   EXOM 1130 Dublis Speaking   EXOM 1140 Intro to Media Writing   EXOM 2110 Macroeconomic Principles   EXOM 2120 Microeconomic Principles	Fixed 12: At least 12 credit				US 3 credits Flex	<b>Hours</b>	
Courset Credits	Applied Liberal Arts and Sciences (3)						
Courset Credits	ALAS 1810 HUM, ALAS 1820 Soc/B	Behav Sciencesor ALAS 1	830 STEM	Course:	(3)		
Area I. Communications (3)						Grada	
ENCH   120 Composition   1						Grade	
COMM 1130 Public Speaking		ENGL 1110 F1e-requi	site/Co-req				
COMM 1140 Intro to Media Writing				1 0.			
COMM 2149 Small Group Communication							
Course:							
CEGG   130   Human Geography							
Area II - Mathematics (3)	(3)						
MATH 1130 Survey of Mathematics for School Teachers	Area II - Mathematics (3) <sup>2</sup> RCIS 1110 is Pre-requisite/Co-req						
MATH 1290 Collese Algebra				POLS 1120 American National Government			
MATH 1290 Collese Algebra	MATH 1130 Survey of Mathematics	s <sup>2</sup>		PSYC 1110 Intro to Psychology			
MATH 1500 Introduction to Statistics   Course: (3)	MATH 1220 College Algebra <sup>2</sup>			SOCI 1110 Intro to Sociology			
Area III - Science (4)				SOCI 2310 Contemporary Social Problems			
Area III - Science (4)	MATH 1510 Calculus I <sup>2</sup>			Course:	(3)		
Area III - Science (4)	Course:	( )		•	_		
ENGL 2310 Intro to Creative Writing   BIOL 1110/1110L General Biology & Lab   HIST 1110 United States History I   HIST 1110 Western Civilization I   HIST 1150 Western Civilization				Area V - Humanities (3)			
BIOL 1110/1110L General Biology & Lab   HIST 1110 United States History I				ENGL 1410 Intro to Literature			
BIOL 2110/2110L Principles of Biology: Cell/Molecular & Lab   HIST 1120 United States History II							
BIOL 2110/2110L Principles of Biology: Cell/Molecular & Lab   HIST 1150   Western Civilization I   BIOL 2210/2210L Human Anatomy & Physiology I & Lab   PHIL 1115   Intro to Philosophy							
BIOL 2210/2210L Human Anatomy & Physiology I & Lab   BIOL 2264/2642L Plant Form, Function and Diversity & Lab   Course: (3)   CHEM 1120/1120L Intro to Chemistry & Lab   Chem 1215/1215L General Chemistry I for STEM Majors & Lab   Chem 1215/1215L General Chemistry I for STEM Majors & Lab   Chem 1215/1215L General Chemistry I for STEM Majors & Lab   Chem 1215/1215L General Chemistry I for STEM Majors & Lab   Chem 1215/1215L General Chemistry I for STEM Majors & Lab   ARTS 1250 Design II							
BIOL 2642/2642L Plant Form, Function and Diversity & Lab   Course:			Lab				
BIOL 2644/2644L Animal Form, Function and Diversity & Lab   Course: (3)							
CHEM 1120/1120L Intro to Chemistry & Lab					(2)		
CHEM 1215/1215L General Chemistry I for STEM Majors & Lab   GEOL 1110/1110L Physical Geology & Lab   ARTS 1250 Design II     GEOL 1110/1110L Historical Geology & Lab   ARTS 1610 Drawing I     PHSC 1120/1120L Forensic Science I & Lab   ARTS 1630 Painting I     Course:				Course:	_(3)		
ARTS 1250 Design II				Anna VI Creative & Fine Anta (	2.4)		
GEOL 1120/1120/L Environmental Geology & Lab					<b>)-4</b> )		
ARTS 1610 Drawing I							
PHSC 1120/1120L Forensic Science I & Lab   ARTS 1630 Painting I							
Course:   (4)   ARTS 2321 Appreciation of Clay   ARTS 2841 Appreciation of Sculpture   MUSC 1130 Music Appreciation   Course:   ( )							
ARTS 2841 Appreciation of Sculpture MUSC 1130 Music Appreciation Course: ()  Industrial Maintenance Core Requirements (57 hours)  Course(Credits) Sem/Year Grade  IMP 100 Orientation Ind Maint (2) IMP 235 Belt/Chain Drive Oper (2)  IMP 105 Gaskets & Packing (2) IMP 250 Hydraul Sys/Flow/Lev1 (2)  IMP 110 Craft Related Math (2) IMP 255 Pneumatic Systm/Equip (2)  IMP 115 Construction Drawings (2) IMP 260 Vibration Analysis (2)  IMP 120 Intro Valve/Pump/Drvr (2) IMP 265 Electronic Theory (2)  IMP 150 Matrl Hnd/Supp Eq/Lub (3) IMP 281 Internship (3)  IMP 160 Qual Cntrl/Compliance (3) WLDT 155 Shield Metal Arc Wld (3)  IMP 175 Distribution Equipment (2) ELT 127 Intr A/C, Motor Th, NEC (3)  IMP 200 Intro to Bearings (3) ELT 128 Bending/Cable Tray/Con (4)  IMP 210 Pipe Compositions (2) ELT 235 Cond Load Calc & Overcur (3)  IMP 225 Inst Couplng/Mech Seal (2) ELT 237 Mtr Operation & Controls (4)  IMP 230 Pump Operation (2)  Total Credit Hours (minimum of 72 required):  Original completed on (date):  Copy to Registrar on (date):  Student Signature:  date:							
MUSC 1130 Music Appreciation   Course:   ( )	Course.	_(')	<del>-</del>		ure		
Industrial Maintenance Core Requirements (57 hours)   Course(Credits)   Sem/Year   Grade   IMP 235 Belt/Chain Drive Oper   (2)   IMP 105 Gaskets & Packing   (2)   IMP 255 Pneumatic Systm/Equip   (2)   IMP 115 Construction Drawings   (2)   IMP 260 Vibration Analysis   (2)   IMP 120 Intro Valve/Pump/Drvr   (2)   IMP 265 Electronic Theory   (2)   IMP 150 Matrl Hnd/Supp Eq/Lub   (3)   IMP 281 Internship   (3)   IMP 281 Internship   (3)   IMP 155 Distribution Equipment   (2)   ELT 127 Intr A/C, Motor Th, NEC   (3)   IMP 200 Intro to Bearings   (3)   ELT 128 Bending/Cable Tray/Con   (4)   IMP 210 Pipe Compositions   (2)   ELT 237 Mtr Operation & Controls   (4)   IMP 230 Pump Operation   (2)   ELT 237 Mtr Operation & Controls   (4)   IMP 230 Pump Operation   (2)   ELT 237 Mtr Operation & Controls   (4)   IMP 230 Pump Operation   (2)   ELT 237 Mtr Operation & Controls   (4)   IMP 230 Pump Operation   (2)   ELT 237 Mtr Operation & Controls   (4)   IMP 230 Pump Operation   (2)   ELT 237 Mtr Operation & Controls   (4)   IMP 230 Pump Operation   (2)   ELT 237 Mtr Operation & Controls   (4)   IMP 230 Pump Operation   (2)   ELT 237 Mtr Operation & Controls   (4)   IMP 230 Pump Operation   (2)   ELT 237 Mtr Operation & Controls   (4)   IMP 230 Pump Operation   (2)   IMP 230 Pump Operation   (3)   IMP 240 Pump Operation   (4)   IMP 230 Pump Operation   (2)   IMP 240 Pump Operation   (3)   IMP 240 Pump Operation   (4)   IMP 240 Pump Operation   (5)							
Course(Credits)  Sem/Year Grade  IMP 100 Orientation Ind Maint (2)  IMP 235 Belt/Chain Drive Oper (2)  IMP 250 Hydraul Sys/Flow/Levl (2)  IMP 110 Craft Related Math (2)  IMP 255 Pneumatic Systm/Equip (2)  IMP 255 Pneumatic Systm/Equip (2)  IMP 115 Construction Drawings (2)  IMP 260 Vibration Analysis (2)  IMP 120 Intro Valve/Pump/Drvr (2)  IMP 265 Electronic Theory (2)  IMP 261 Electronic Theory (3)  IMP 263 Internship (3)  IMP 264 Under Shield Metal Arc Wld (3)  IMP 160 Qual Cntrl/Compliance (3)  IMP 175 Distribution Equipment (2)  IMP 250 Intro to Bearings (3)  ELT 127 Intr A/C, Motor Th, NEC (3)  IMP 210 Pipe Compositions (2)  ELT 128 Bending/Cable Tray/Con (4)  IMP 210 Pipe Compositions (2)  ELT 237 Mtr Operation & Controls (4)  IMP 230 Pump Operation (2)  Total Credit Hours (minimum of 72 required):  Original completed on (date):  Student Signature:  Abbis on Signatures				11	( )		
Course(Credits)  Sem/Year Grade  IMP 100 Orientation Ind Maint (2)  IMP 235 Belt/Chain Drive Oper (2)  IMP 250 Hydraul Sys/Flow/Levl (2)  IMP 110 Craft Related Math (2)  IMP 255 Pneumatic Systm/Equip (2)  IMP 255 Pneumatic Systm/Equip (2)  IMP 115 Construction Drawings (2)  IMP 260 Vibration Analysis (2)  IMP 120 Intro Valve/Pump/Drvr (2)  IMP 265 Electronic Theory (2)  IMP 261 Electronic Theory (3)  IMP 263 Internship (3)  IMP 264 Under Shield Metal Arc Wld (3)  IMP 160 Qual Cntrl/Compliance (3)  IMP 175 Distribution Equipment (2)  IMP 250 Intro to Bearings (3)  ELT 127 Intr A/C, Motor Th, NEC (3)  IMP 210 Pipe Compositions (2)  ELT 128 Bending/Cable Tray/Con (4)  IMP 210 Pipe Compositions (2)  ELT 237 Mtr Operation & Controls (4)  IMP 230 Pump Operation (2)  Total Credit Hours (minimum of 72 required):  Original completed on (date):  Student Signature:  Abbis on Signatures		Industrial Mainter	ance Core	Requirements (57 hours)	_` ′	-	
IMP 100 Orientation Ind Maint (2) IMP 235 Belt/Chain Drive Oper (2) IMP 105 Gaskets & Packing (2) IMP 250 Hydraul Sys/Flow/Levl (2) IMP 110 Craft Related Math (2) IMP 255 Pneumatic Systm/Equip (2) IMP 115 Construction Drawings (2) IMP 260 Vibration Analysis (2) IMP 260 Vibration Analysis (2) IMP 120 Intro Valve/Pump/Drvr (2) IMP 265 Electronic Theory (2) IMP 265 Electronic Theory (2) IMP 150 Matrl Hnd/Supp Eq/Lub (3) IMP 281 Internship (3) IMP 281 Internship (3) IMP 160 Qual Cntrl/Compliance (3) WLDT 155 Shield Metal Arc Wld (3) IMP 175 Distribution Equipment (2) ELT 127 Intr A/C, Motor Th, NEC (3) IMP 200 Intro to Bearings (3) ELT 128 Bending/Cable Tray/Con (4) IMP 210 Pipe Compositions (2) ELT 235 Cond Load Calc & Overcu (3) IMP 225 Inst Couplng/Mech Seal (2) ELT 237 Mtr Operation & Controls (4) IMP 230 Pump Operation (2) ELT 237 Mtr Operation & Controls (4) IMP 230 Pump Operation (2) Copy to Registrar on (date):  Total Credit Hours (minimum of 72 required):  Original completed on (date):  Copy to Registrar on (date):	Course(Credits)				Sem/Year	Grade	
IMP 105 Gaskets & Packing (2) IMP 250 Hydraul Sys/Flow/Levl (2) IMP 110 Craft Related Math (2) IMP 255 Pneumatic Systm/Equip (2) IMP 115 Construction Drawings (2) IMP 260 Vibration Analysis (2) IMP 260 Vibration Analysis (2) IMP 265 Electronic Theory (2) IMP 265 Electronic Theory (2) IMP 265 Electronic Theory (2) IMP 267 Internship (3) IMP 281 Internship (4) IMP 280 Intro to Bearings (3) ELT 127 Intr A/C, Motor Th, NEC (3) IMP 280 Intro to Bearings (3) ELT 128 Bending/Cable Tray/Con (4) IMP 210 Pipe Compositions (2) ELT 235 Cond Load Calc & Overcui (3) IMP 225 Inst Coupling/Mech Seal (2) ELT 237 Mtr Operation & Controls (4) IMP 230 Pump Operation (2) ELT 237 Mtr Operation & Controls (4) IMP 230 Pump Operation (2) Imp 230 Pump Operation (2) Imp 230 Pump Operation (2) Imp 230 Pump Operation (3) Imp 230 Pump Operation (4) Imp 230 Pump Operation (4) Imp 230 Pump Operation (4) Imp 230 Pump Operation (5) Imp 240 Pump Operation (5) Imp 250 Pump							
IMP 110 Craft Related Math (2) IMP 255 Pneumatic Systm/Equip (2) IMP 115 Construction Drawings (2) IMP 260 Vibration Analysis (2) IMP 120 Intro Valve/Pump/Drvr (2) IMP 265 Electronic Theory (2) IMP 150 Matrl Hnd/Supp Eq/Lub (3) IMP 281 Internship (3) IMP 281 Internship (3) IMP 160 Qual Cntrl/Compliance (3) WLDT 155 Shield Metal Arc Wld (3) IMP 175 Distribution Equipment (2) ELT 127 Intr A/C, Motor Th, NEC (3) IMP 200 Intro to Bearings (3) ELT 128 Bending/Cable Tray/Con (4) IMP 210 Pipe Compositions (2) ELT 235 Cond Load Calc & Overcui (3) IMP 230 Pump Operation (2) ELT 237 Mtr Operation & Controls (4) IMP 230 Pump Operation (2) ELT 237 Mtr Operation & Controls (4) IMP 230 Pump Operation (2) INP 250 Pump Operation				•	(2)	-	
IMP 115 Construction Drawings (2) IMP 260 Vibration Analysis (2) IMP 120 Intro Valve/Pump/Drvr (2) IMP 265 Electronic Theory (2) IMP 265 Electronic Theory (2) IMP 150 Matrl Hnd/Supp Eq/Lub (3) IMP 281 Internship (3) IMP 281 Internship (3) IMP 160 Qual Cntrl/Compliance (3) WLDT 155 Shield Metal Arc Wld (3) ELT 127 Intr A/C, Motor Th, NEC (3) IMP 275 Distribution Equipment (2) ELT 127 Intr A/C, Motor Th, NEC (3) IMP 200 Intro to Bearings (3) ELT 128 Bending/Cable Tray/Con (4) IMP 210 Pipe Compositions (2) ELT 235 Cond Load Calc & Overcui (3) IMP 225 Inst Couplng/Mech Seal (2) ELT 237 Mtr Operation & Controls (4) IMP 230 Pump Operation (2) ELT 237 Mtr Operation & Controls (4) IMP 230 Pump Operation (2) Copy to Registrar on (date):  Total Credit Hours (minimum of 72 required):  Original completed on (date):  Student Signature:  date:	S				` '		
IMP 120 Intro Valve/Pump/Drvr (2) IMP 265 Electronic Theory (2) IMP 150 Matrl Hnd/Supp Eq/Lub (3) IMP 281 Internship (3) IMP 160 Qual Cntrl/Compliance (3) WLDT 155 Shield Metal Arc Wld (3) IMP 175 Distribution Equipment (2) ELT 127 Intr A/C, Motor Th, NEC (3) IMP 200 Intro to Bearings (3) ELT 128 Bending/Cable Tray/Con (4) IMP 210 Pipe Compositions (2) ELT 235 Cond Load Calc & Overcui (3) IMP 225 Inst Couplng/Mech Seal (2) ELT 237 Mtr Operation & Controls (4) IMP 230 Pump Operation (2) ELT 237 Mtr Operation & Controls (4) IMP 230 Pump Operation (2) Copy to Registrar on (date):  Total Credit Hours (minimum of 72 required):  Original completed on (date): Copy to Registrar on (date):							
IMP 150 Matrl Hnd/Supp Eq/Lub (3) IMP 281 Internship (3)  IMP 160 Qual Cntrl/Compliance (3) WLDT 155 Shield Metal Arc Wld (3)  IMP 175 Distribution Equipment (2) ELT 127 Intr A/C, Motor Th, NEC (3)  IMP 200 Intro to Bearings (3) ELT 128 Bending/Cable Tray/Con (4)  IMP 210 Pipe Compositions (2) ELT 235 Cond Load Calc & Overcui (3)  IMP 225 Inst Couplng/Mech Seal (2) ELT 237 Mtr Operation & Controls (4)  IMP 230 Pump Operation (2)  Total Credit Hours (minimum of 72 required):  Original completed on (date):  Student Signature:  date:		(2)			(2)		
IMP 175 Distribution Equipment (2)				IMP 281 Internship		-	
IMP 175 Distribution Equipment (2)	IMP 160 Qual Cntrl/Compliance	(3)		WLDT 155 Shield Metal Arc Wld	(3)		
IMP 200 Intro to Bearings (3) ELT 128 Bending/Cable Tray/Con (4)	IMP 175 Distribution Equipment			ELT 127 Intr A/C, Motor Th, NEC	(3)		
IMP 210 Pipe Compositions (2) ELT 235 Cond Load Calc & Overcui (3) ELT 237 Mtr Operation & Controls (4)  IMP 230 Pump Operation (2) ELT 237 Mtr Operation & Controls (4)  Total Credit Hours (minimum of 72 required):  Original completed on (date): Copy to Registrar on (date):  Student Signature: date:	IMP 200 Intro to Bearings				` '		
IMP 225 Inst Couplng/Mech Seal (2) ELT 237 Mtr Operation & Controls (4) IMP 230 Pump Operation (2) ELT 237 Mtr Operation & Controls (4)		(2)			uı (3)		
Total Credit Hours (minimum of 72 required):  Original completed on (date):  Student Signature:  Advisor S				ELT 237 Mtr Operation & Controls	(4)		
Original completed on (date): Copy to Registrar on (date): date: date:	IMP 230 Pump Operation	(2)					
Student Signature: date:							
Advisor Cinnotone	Original completed on (date)	) <b>:</b>	Copy to Registrar on (date):	<u> </u>			
Advisor Cinnotone	Student Signature:			c	late:		
	Adrian Cianatana			2	1 4		

revised 06/19 2019-20 Catalog