

**Empire-CAT training to Associate of Applied Science in Organizational Management to  
BIS in Industrial Leadership 90/30 - NAU  
Unofficial Pathway Worksheet – 2020-2021**

**Organizational Management Major: 3727**

Course #	Course Title	Credits	Completed
<b>Empire-CAT Training</b>			
GBS 110	Human Relations in Business	3	
MGT 126	Customer Service Skills and Strategies	3	
MGT 127	Managing and Leading for Competitive Advantage	3	
MGT 229	Management and Leadership I	3	
<b>TOTAL</b>		<b>12</b>	

**MCC Certificate of Completion: 5731**

GBS 151	Introduction to Business	3	
MGT 175 or TQM 240	Business Organization and Management or Project Management in Quality Organizations	3	
BPC 110 or CIS 105	Computer Usage and Applications or Survey of Computer Information Systems	3	
<b>TOTAL</b>		<b>9</b>	

Restricted Electives: Students choose 20 industry/job related course credits from any MCCCED occupational program and/or cert. Must include 9 credits of common subject or theme and approved by the business department chair or program director.

DIE 106 (Empire Training)	Mobile Hydraulics and Pneumatics	3	
DIE 104 (Empire Training)	Electrical for Diesel Engines I	3	
DIE 108 (Empire Training)	Heavy Duty Diesel PowerTrains	3	
DIE 112 (Empire Training)	General Diesel Engines I	3	
<b>TOTAL</b>		<b>20</b>	

**General Education Requirements**

Course #	Course Title	Credits	Completed
ENG 101 or ENG 107	English (FYC)	3	
ENG 102 or ENG 108	English (FYC)	3	
COM 225 (NAU Requirement)	<b>Oral Communication</b> Public Speaking (L)	3	
MAT 14x or higher	Math (MA) - Recommend 4+ credit math class to meet NAU 90/30 requirements.	4-6	
	Humanities (HU)*	3	
	Social & Behavioral (SB)*	3	
	Science (SQ or SG)*	4	
CRE 101 or test exempt	College Critical Reading and Critical thinking or test exempt	0-3	
<b>TOTAL</b>		<b>23-28</b>	

**Remaining courses for AGEC and NAU Interdisciplinary Requirement**

Course #	Course Title	Credits	Completed
CIS 105 OR BPC 110	Computer/Statistics (CS) (Met in the AAS Requirements)	MET	
	Humanities (HU)*	3	
COM 100, 110, or 230 (NAU Requirement)	Social & Behavioral (SB)	3	
	Science (SQ)*	4	
CIS/BPC +++ (NAU Requirement)	2nd Computer Literacy more advanced than CIS 105 or BPC 110	3	
*Choose 1 course for SB, HU, SQ or SG that meets Cultural (C) and 1 that meets [Historical (H) or Global Awareness (G)]		<b>13</b>	
<b>TOTAL</b>			

**Electives needed to reach 90 credits**

<b>TOTAL</b>		<b>0-13</b>	

<b>BIS Industrial Leadership 90/30 Required Core</b>			
<b>Course #</b>	<b>Course Title</b>	<b>Credits</b>	<b>Completed</b>
<b>Northern Arizona University at Mesa Community College</b>			
LEA 300W	Requisites for Effective Leadership Communications	3	
LEA 325	Frontline Leadership in Industrial Organizations I	3	
LEA 335	Creative Problem Solving & the Industrial Leader	3	
LEA 303	Management for this Millennium	3	
LEA 388	Leading and Managing Human Capital	3	
LEA 345	Project Leadership	3	
LEA 425	Frontline Leadership in Industrial Organizations II	3	
LEA 435	Data Driven Decision-Making for Industrial Leaders	3	
LEA 422	Managing High Performance Teams	3	
LEA 445C	Senior Capstone-Industrial Leadership	3	
<b>Total:</b>		<b>30</b>	

<b>Graduation Credit Summary</b>		
<b>Requirement</b>	<b>Credits</b>	<b>Completed</b>
Empire-CAT Training	24	
Organizational Management Certificate	9	
AAS Required Courses	8	
General Education Requirement	23-28	
AGEC and NAU Interdisciplinary Studies Requirements	13	
Electives to get to 90 credits	0-13	
NAU Core Classes	30	
<b>TOTAL CREDITS NEEDED TO GRADUATE</b>	<b>120</b>	

<b>Statewide 90/30 Transfer Degree</b> <b>90 credit transfer/30 credits with NAU</b>		
Arizona Community College	\$85 per credit hour for 90 credits	\$7,650
Northern Arizona University - Statewide	\$4,183 for 2 full-time semesters	\$8,366
<b>Total Estimated Tuition for ENTIRE Bachelor's Degree</b>		<b>\$16,016</b>
2NAU Scholarship 3.0 GPA (Joined 2NAU program)	\$1,000 per semester for 2 semesters	-\$2,000
Phi Theta Kappa Scholarship 3.5 GPA (PTK Member)	\$2,000 per semester for 2 semesters	-\$4,000
<b>Total Estimated Tuition for Bachelor's with NAU Transfer Scholarships</b>		<b>\$10,016</b>

Tuition rates based on 2020/2021 academic year and are subject to change. Costs can vary based on student schedules, part-time vs. full-time schedules, and number of semesters to complete degree. Scholarship awards can vary based on eligibility. All students are charged the same NAU tuition rate regardless of resident status.

## **NAU Industrial Leadership Course Descriptions**

### **LEA 300W (writing)                    Requisites for Effective Leadership Communication**

This course is designed to provide you an opportunity to develop a set of writing skills that are of greatest importance for working in and leading organizations.

### **LEA 303                                    Management for this Millennium**

Gain an understanding of what it takes to manage people and projects. Today's workforce is more diverse, demanding and inquisitive so managing them requires being effective with the right tools and practices.

### **LEA 325                                    Frontline Leadership in Industrial Organizations I**

Learn the principles of supervision and frontline leadership in industrial workplace settings. The class focuses on leadership readiness, elements of the fourth industrial revolution and professional responsibility.

### **LEA 335                                    Creative Problem-Solving and the Industrial Leader**

Hone your creative skills and apply them to problem-solving for the industrial workplace. Through exercises using a multi-media online simulation, you'll identify a core issue then generate, implement and evaluate solutions as a technical practitioner.

### **LEA 345                                    Project Leadership**

Learn how to lead a project in an industrial setting and gain project management skills. Identify a project's objectives and design strategies needed to monitor and control the project's performance.

### **LEA 388                                    Leading and Managing Human Capital**

You'll be introduced to human resource management concepts such as benefits, compensation, evaluation and more, and develop skills to manage human capital. Learn about the employee development process, with a focus on recruiting, hiring, onboarding and training productive employees.

### **LEA 422                                    Managing High-Performance Teams**

Learn how to lead a successful team by learning how to effectively communicate, emotionally relate and positively influence. Study the attitudes and behaviors that are necessary to leading and motivating high-performance teams.

### **LEA 425                                    Frontline Leadership in Industrial Organizations II**

This course builds upon the principles learned in LEA 325. Engage in personal leadership development and application, situational leadership, ethical behavior models, transactional and transformational leadership, and coaching techniques.

### **LEA 435                                    Data-Driven Decision Making for Industrial Leaders**

Learn how to use data in workplace decision-making such as Lean Six-Sigma methods, budgets, productivity, quality and workflow processes. A critical component of this class is analysis and application of operations data.

### **LEA 445C (capstone)                Senior Capstone – Industrial Leadership**

In this culminating experience, you'll demonstrate integration of occupation-specific knowledge with leadership theory as applied to the industrial workplace. You'll participate in a field experience with a local industrial employer to prepare for supervisory positions.