



MANUFACTURING INSTITUTE

Credit Recommendation Guide

The following courses have been evaluated by Corporate Articulation to potentially fulfill General Education or Elective credits for an Undergraduate Degree. In order to receive any of the credits recommended below, students should submit supporting documents to Prior Learning Assessment. For more information on PLA visit: ecampus.phoenix.edu/pla or contact the department toll free at 866-440-4707.

There are fees associated with your PLA submission. However, you may be eligible for PLA benefits. Please contact your Finance Advisor for more information.

PLA will not award credit for certifications or coursework that duplicates the content of credits earned through PLA, transfer credit, National Testing Program credit or University of Phoenix.

Clock hour to semester credit hour conversions are made by the University using current U.S. Department of Education standards.

University of Phoenix Equivalency: General Education or Elective category to which credit can be applied.

Combinable: Courses may only be combined with courses of similar content and General Education/Elective areas.

Non-Academic: Lack of college level theory and/or principle necessary for credit recognition. Company specific and skill-based training.

Too Few Hours: Courses/training that cannot receive credit because they are less than 1 hour total in length. Similar content in a 1(+) hour timeframe may be eligible for credit.

Applicable Hours: Indicates the total amount of actual learning time. Any breaks or lunch time included in the initial clock hours have been removed.

Updated: 10/30/2018

*Coursework is pre-evaluated and listed on the Apollo Quick List. Credit recommendations are subject to changes made to the Apollo Quick List. Please see the Apollo Quick List for additional guidelines and requirements when submitting the certifications listed below.

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
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National Institute of Metalworking Skills (NIMS)

Machining Level I		*Please see the Apollo Quick List for Machining Level I Certification Credit Recommendation.					
	Measurement, Materials And Safety						
	Job Planning, Benchwork, And Layout						
	Manual Milling						
	Manual Turning Between Centers						
	Manual Turning With Chucking						
	Manual Surface Grinding						
	Manual Drill Press Operations						
	CNC Turning: Programming Setup & Operations						
	CNC Milling: Programming Setup & Operations						
	CNC Turning: Operator	*Please see the Apollo Quick List for Machining Level II Certification Credit Recommendation.					
	CNC Milling: Operator						
	Manual Milling						
	Manual Turning						

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
	Manual Drill Press Operations						*Please see the Apollo Quick List for Machining Level II Certification Credit Recommendation.
	Manual Surface Grinding						
	CNC Milling						
	CNC Turning						
	EDM-Wire						
	EDM-Plunge						
Machining Level III							*Please see the Apollo Quick List for Machining Level III Certification Credit Recommendation.
	CNC Turning						
	CNC Milling						
Metforming Level I							*Please see the Apollo Quick List for Metforming Level I Certification Credit Recommendation.
Stamping Level II							*Please see the Apollo Quick List for Stamping Level II Certification Credit Recommendation.
	Operate With Single Hit Tooling						
	Operate With Compound Dies						
	Operate With Progressive Dies						
	Operate With Deep Draw Dies						
	Operate With Transfer Dies						
Stamping Level III							*Please see the Apollo Quick List for Stamping Level III Certification Credit Recommendation.
	Parts Inspection And Quality Control						
	Set-Up Single Hit Tooling						
	Set-Up With Compound Dies						
	Set-Up With Progressive Dies						
	Set-Up With Deep Draw Dies						
	Set-Up With Transfer Dies						
Press Brake Level II							*Please see the Apollo Quick List for Press Brake Level II Certification Credit Recommendation.
	Operate Non-CNC Mechanical Operate CNC Drive						
Press Brake Level III							*Please see the Apollo Quick List for Press Brake Level III Certification Credit Recommendation.
	Set Up And Operate Non-CNC Mechanical						
	Set Up And Operate CNC Drive						
Slide Forming Level II							*Please see the Apollo Quick List for Slide Forming Level II Certification Credit Recommendation.
	Slide Forming Operations						
Slide Forming Level III							*Please see the Apollo Quick List for Slide Forming Level III Certification Credit Recommendation.
	Slide Forming Set Up And Operations						
Screw Machining Level II							*Please see the Apollo Quick List for Screw Machining Level II Certification Credit Recommendation.
	Operate With Single Spindles						
	Operate With Multiple Spindles						
Screw Machining Level III							*Please see the Apollo Quick List for Screw Machining Level III Certification Credit Recommendation.
	Set Up And Operate With Single Spindles						
	Set Up And Operate With Multiple Spindles						
Machine Building Level II							*Please see the Apollo Quick List for Machine Building Level II Certification Credit Recommendation.
	Machine Building Level II Mechanical Assembly						
Machine Building Level III							*Please see the Apollo Quick List for Machine Building Level III Certification Credit Recommendation.

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	Machine Building Level III Mechanical Assembly	*Please see the Apollo Quick List for Machine Building Level III Certification Credit Recommendation.					
Machine Maintenance, Service And Repair Level II							
	Preventative Maintenance	*Please see the Apollo Quick List for Machine Maintenance, Service and Repair Level II Certification Credit Recommendation.					
Machine Maintenance, Service And Repair Level III							
	Machine Service And Repair						
	Machine Repair/Rebuilding	*Please see the Apollo Quick List for Machine Maintenance, Service and Repair Level III Certification Credit Recommendation.					
	Diemaking Level II	*Please see the Apollo Quick List for Diemaking Level II Certification Credit Recommendation.					
	Diemaking Level III	*Please see the Apollo Quick List for Diemaking Level III Certification Credit Recommendation.					
	OJT Trainer	*Please see the Apollo Quick List for OJT Trainer Certification Credit Recommendation.					
	OJT Senior Trainer	*Please see the Apollo Quick List for OJT Senior Trainer Certification Credit Recommendation.					
	OJT Training Coordinator	*Please see the Apollo Quick List for OJT Training Coordinator Certification Credit Recommendation.					

Society of Manufacturing Engineers (SME)

Certified Manufacturing Engineer (CMFGE)							
	Mathematics, Applied & Engineering Sciences, & Materials Application						
	Product/Process Design Development						
	Manufacturing Process Applications & Operations	*Please see the Apollo Quick List for Certified Manufacturing Engineer Certification Credit Recommendation.					
	Production System And Equipment Design Development						
	Automated Systems And Control						
	Quality And Customer Service						
	Manufacturing Management						
	Personal Effectiveness						
Certified Manufacturing Technologist (CMFGT)							
	Mathematics, Applied & Engineering Sciences, & Materials Application						
	Product/Process Design Development						
	Manufacturing Process Applications & Operations	*Please see the Apollo Quick List for Certified Manufacturing Technologist Certification Credit Recommendation.					
	Production System And Equipment Design Development						
	Automated Systems And Control						
	Quality And Customer Service						
	Manufacturing Management						
	Personal Effectiveness						
Bronze Level							
	Cultural Enablers - Bronze	*Please see the Apollo Quick List for Lean Certification Bronze Level Credit Recommendation.					
	Continuous Process Improvement - Bronze						

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
	Consistent Lean Enterprise Culture - Bronze						
	Business Results - Bronze						
Silver Level							
	Cultural Enablers - Silver						
	Continuous Process Improvement - Silver						
	Consistent Lean Enterprise Culture - Silver						
	Business Results - Silver						
Gold Level							
	Cultural Enablers						
	Continuous Process Improvement						
	Consistent Lean Enterprise Culture						
	Business Results						

American Welding Society (AWS)

	Certified Welding Inspector (CWI)						
	Certified Associate Welding Inspector (CAWI)						
	Senior Certified Welding Inspector (SCWI)						
	AWS D1.1 Codebook						
	AWS D1.5 Codebook						
	AWS D15.1 Codebook						
	B31.1 Codebook						
	B31.3 Codebook						
	API 1104 Codebook						
	ASME Section IX						
	AWS Certified Radiographic Interpreter (CRI)						
	ASNT VT, Level 2						
	Reciprocity-Certification Scheme For Welding And Inspection Personnel (CSWIP)						
	Certified Welding Educator (CWE)						

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
	Certified Radiographic Interpreter (CRI)	*Please see the Apollo Quick List for Certified Radiographic Interpreter Credit Recommendation.					
	Certified Welder	*Please see the Apollo Quick List for Certified Welder Credit Recommendation.					
	Certified Welding Supervisor	*Please see the Apollo Quick List for Certified Welding Supervisor Credit Recommendation.					
	Certified Welding Sales Representative	*Please see the Apollo Quick List for Certified Welding Sales Representative Credit Recommendation.					
	Certified Welding Engineer	*Please see the Apollo Quick List for Certified Welding Engineer Credit Recommendation.					
	Certified Robotic Arc Welding	*Please see the Apollo Quick List for Certified Robotic Arc Welding Credit Recommendation.					
	Advanced Visual Inspection Workshop	*Please see the Apollo Quick List for Advanced Visual Inspection Workshop Credit Recommendation.					

The University's Central Administration is located at 4035 S. Riverpoint Parkway Phoenix, AZ 85040. University of Phoenix is accredited by The Higher Learning Commission and is a member of the North Central Association. For additional information, contact The Higher Learning Commission, ncahlc.org.

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