

University of Phoenix - Prior Learning Assessment - Corporate Articulation

Society of Manufacturing Engineers - Tooling U

Credit Recommendation Guide (CRG)



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.

*NOTE: Fees are applicable for credits evaluated.

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 based on current academic standards as outlined in the academic policy of the University.

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, modality 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.

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
CERTIFIED MANUFACTURING ENGINEER CMFGE (SEE BREAKDOWN BELOW)		*	01/2009-12/2009	*	*	7.0 LD, 8.0 UD	SEE BREAKDOWN BELOW
	MATHEMATICS, APPLIED& ENGINEERING SCIENCES, & MATERIALS APPLICATION	*	01/2009-12/2009	*	*	3.0 LD	SCIENCE/TECHNOLOGY
	PRODUCT/PROCESS DESIGN DEVELOPMENT	*	01/2009-12/2009	*	*	2.0 UD	SCIENCE/TECHNOLOGY
	MANUFACTURING PROCESS APPLICATIONS & OPERATIONS	*	01/2009-12/2009	*	*	2.0 UD	SCIENCE/TECHNOLOGY
	PRODUCTION SYSTEM AND EQUIPMENT DESIGN DEVELOPMENT	*	01/2009-12/2009	*	*	2.0 UD	SCIENCE/TECHNOLOGY
	AUTOMATED SYSTEMS AND CONTROL	*	01/2009-12/2009	*	*	2.0 UD	SCIENCE/TECHNOLOGY
	QUALITY AND CUSTOMER SERVICE	*	01/2009-12/2009	*	*	1.0 LD	INTERDISCIPLINARY/ ELECTIVE
	MANUFACTURING MANAGEMENT	*	01/2009-12/2009	*	*	2.0 LD	INTERDISCIPLINARY/ ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
	PERSONAL EFFECTIVENESS	*	01/2009-12/2009	*	*	1.0 LD	INTERDISCIPLINARY/ELECTIVE
CERTIFIED MANUFACTURING TECHNOLOGIST CMFGT (SEE BREAKDOWN BELOW)		*	01/2009-12/2009	*	*	5.0 LD, 8.0 UD	SEE BREAKDOWN BELOW
	MATHEMATICS, APPLIED& ENGINEERING SCIENCES, & MATERIALS APPLICATION	*	01/2009-12/2009	*	*	2.0 LD	SCIENCE/TECHNOLOGY
	PRODUCT/PROCESS DESIGN DEVELOPMENT	*	01/2009-12/2009	*	*	2.0 UD	SCIENCE/TECHNOLOGY
	MANUFACTURING PROCESS APPLICATIONS & OPERATIONS	*	01/2009-12/2009	*	*	2.0 UD	SCIENCE/TECHNOLOGY
	PRODUCTION SYSTEM AND EQUIPMENT DESIGN DEVELOPMENT	*	01/2009-12/2009	*	*	2.0 UD	SCIENCE/TECHNOLOGY
	AUTOMATED SYSTEMS AND CONTROL	*	01/2009-12/2009	*	*	2.0 UD	SCIENCE/TECHNOLOGY
	QUALITY AND CUSTOMER SERVICE	*	01/2009-12/2009	*	*	1.0 LD	INTERDISCIPLINARY/ELECTIVE
	MANUFACTURING MANAGEMENT	*	01/2009-12/2009	*	*	1.0 LD	INTERDISCIPLINARY/ELECTIVE
	PERSONAL EFFECTIVENESS	*	01/2009-12/2009	*	*	1.0 LD	INTERDISCIPLINARY/ELECTIVE
LEAN CERTIFICATIONS (SEE BREAKDOWN BELOW)		*	01/2009-12/2009	*	*		
	BRONZE LEVEL	*	01/2009-12/2009	*	*	5.0 LD	SEE BREAKDOWN BELOW
	CULTURAL ENABLERS - BRONZE	*	01/2009-12/2009	*	*	1.0 LD	INTERDISCIPLINARY/ELECTIVE
	CONTINUOUS PROCESS IMPROVEMENT - BRONZE	*	01/2009-12/2009	*	*	2.0 LD	SCIENCE/TECHNOLOGY
	CONSISTENT LEAN ENTERPRISE CULTURE - BRONZE	*	01/2009-12/2009	*	*	1.0 LD	INTERDISCIPLINARY/ELECTIVE
	BUSINESS RESULTS - BRONZE	*	01/2009-12/2009	*	*	1.0 LD	INTERDISCIPLINARY/ELECTIVE
	SILVER LEVEL	*	01/2009-12/2009	*	*	5.0 LD, 2.0 UD	SEE BREAKDOWN BELOW
	CULTURAL ENABLERS - SILVER	*	01/2009-12/2009	*	*	2.0 LD	INTERDISCIPLINARY/ELECTIVE
	CONTINUOUS PROCESS IMPROVEMENT - SILVER	*	01/2009-12/2009	*	*	2.0 UD	SCIENCE/TECHNOLOGY
	CONSISTENT LEAN ENTERPRISE CULTURE - SILVER	*	01/2009-12/2009	*	*	1.0 LD	INTERDISCIPLINARY/ELECTIVE

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	BUSINESS RESULTS - SILVER	*	01/2009-12/2009	*	*	2.0 LD	INTERDISCIPLINARY/ELECTIVE
	GOLD LEVEL	*	01/2009-12/2009	*	*	2.0 LD, 7.0 UD	SEE BREAKDOWN BELOW
	CULTURAL ENABLERS	*	01/2009-12/2009	*	*	2.0 LD	INTERDISCIPLINARY/ELECTIVE
	CONTINUOUS PROCESS IMPROVEMENT	*	01/2009-12/2009	*	*	4.0 UD	SCIENCE/TECHNOLOGY
	CONSISTENT LEAN ENTERPRISE CULTURE	*	01/2009-12/2009	*	*	2.0 UD	SCIENCE/TECHNOLOGY
	BUSINESS RESULTS	*	01/2009-12/2009	*	*	1.0 UD	INTERDISCIPLINARY/ELECTIVE
ARC WELDER							
650310	ARC WELDING ALUMINUM ALLOYS 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650260	ARC WELDING POWER SOURCES 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650120	ARC WELDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650115	ARC WELDING SAFETY 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650250	ARC WELDING SYMBOLS AND CODES 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850115	BLOODBORNE PATHOGENS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900200	CONDUCTING AN INTERNAL AUDIT 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850190	CONFINED SPACES 190	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650140	ELECTRICAL POWER FOR ARC WELDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550110	ELECTRICAL UNITS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650270	ELECTRODE SELECTION 270	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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650230	FCAW APPLICATIONS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500210	FERROUS METALS AND ALLOYS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
650200	FERROUS METALS FOR WELDING 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800185	GEOMETRY: CIRCLES AND POLYGONS 185	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800155	GEOMETRY: LINES AND ANGLES 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800165	GEOMETRY: TRIANGLES 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
650220	GMAW APPLICATIONS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650240	GTAW APPLICATIONS 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850145	HAND AND POWER TOOL SAFETY 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350260	HARDNESS TESTING 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550120	INTRO TO CIRCUITS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
580110	INTRO TO MACHINE RIGGING 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900110	ISO 9000 OVERVIEW 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580130	LIFTING AND MOVING EQUIPMENT 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850130	LOCKOUT/TAGOUT PROCEDURES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC

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800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
500150	METAL CLASSIFICATION 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850170	NOISE REDUCTION AND HEARING CONSERVATION 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500220	NONFERROUS METALS AND ALLOYS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
650205	NONFERROUS METALS FOR WELDING 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
650130	OVERVIEW OF WELD TYPES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650207	OXYFUEL WELDING APPLICATIONS 207	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650105	OXYFUEL WELDING SAFETY 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500130	PHYSICAL PROPERTIES OF METALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
650265	PLASMA CUTTING 265	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500240	PLASTICS 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850210	POWERED INDUSTRIAL TRUCK SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850195	RESPIRATORY SAFETY 195	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580120	RIGGING EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580210	RIGGING INSPECTION AND SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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580220	RIGGING MECHANICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850135	SAFETY FOR LIFTING DEVICES 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800200	SHOP ALGEBRA OVERVIEW 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
650210	SMAW APPLICATIONS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500110	STRUCTURE OF METALS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
900180	TROUBLESHOOTING: IDENTIFYING PROBLEMS 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900184	TROUBLESHOOTING: TAKING CORRECTIVE ACTIONS 184	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900182	TROUBLESHOOTING: UNDERSTANDING CAUSES AND EFFECTS 182	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650280	VISUAL INSPECTION OF WELDS 280	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850180	WALKING AND WORKING SURFACES 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650110	WHAT IS ARC WELDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650100	WHAT IS OXYFUEL WELDING? 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
ASSEMBLER							
900155	5S OVERVIEW 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650120	ARC WELDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650115	ARC WELDING SAFETY 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
670120	BASICS OF THE BONDING PROCESS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560210	BEARING APPLICATIONS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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560230	BELT DRIVE APPLICATIONS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850115	BLOODBORNE PATHOGENS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900160	CELL DESIGN AND PULL SYSTEMS 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560250	CLUTCH AND BRAKE APPLICATIONS 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900200	CONDUCTING AN INTERNAL AUDIT 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850190	CONFINED SPACES 190	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650140	ELECTRICAL POWER FOR ARC WELDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570135	FITTINGS FOR FLUID SYSTEMS 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560245	GEAR APPLICATIONS 245	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800185	GEOMETRY: CIRCLES AND POLYGONS 185	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800155	GEOMETRY: LINES AND ANGLES 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800165	GEOMETRY: TRIANGLES 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
850145	HAND AND POWER TOOL SAFETY 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
670110	INTRO TO ADHESIVE BONDING 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
670130	INTRO TO ADHESIVE PROPERTIES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700100	INTRO TO ASSEMBLY 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700130	INTRO TO FASTENER ERGONOMICS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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700110	INTRO TO FASTENER THREADS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570130	INTRO TO FLUID CONDUCTORS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570100	INTRO TO FLUID SYSTEMS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
350200	INTRO TO GD&T 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570120	INTRO TO HYDRAULIC COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580110	INTRO TO MACHINE RIGGING 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560100	INTRO TO MECHANICAL SYSTEMS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570125	INTRO TO PNEUMATIC COMPONENTS 125	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900140	INTRO TO SUPPLY CHAIN MANAGEMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100104	INTRO TO WORKHOLDING 104	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900110	ISO 9000 OVERVIEW 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580130	LIFTING AND MOVING EQUIPMENT 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350115	LINEAR INSTRUMENT CHARACTERISTICS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100107	LOCATING DEVICES 107	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850130	LOCKOUT/TAGOUT PROCEDURES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
560130	LUBRICANT FUNDAMENTALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850140	MACHINE GUARDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC

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800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850170	NOISE REDUCTION AND HEARING CONSERVATION 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700125	OVERVIEW OF NON-THREADED FASTENERS 125	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700117	OVERVIEW OF THREADED FASTENERS 117	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350150	OVERVIEW OF THREADS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650130	OVERVIEW OF WELD TYPES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500130	PHYSICAL PROPERTIES OF METALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
560120	POWER TRANSMISSION COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850210	POWERED INDUSTRIAL TRUCK SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700200	PROPERTIES FOR FASTENERS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850195	RESPIRATORY SAFETY 195	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580120	RIGGING EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580210	RIGGING INSPECTION AND SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580220	RIGGING MECHANICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700105	SAFETY FOR ASSEMBLY 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
570105	SAFETY FOR HYDRAULICS AND PNEUMATICS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850135	SAFETY FOR LIFTING DEVICES 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560105	SAFETY FOR MECHANICAL WORK 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560220	SPRING APPLICATIONS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
670220	STEPS FOR ADHESIVE APPLICATION 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100106	SUPPORTING AND LOCATING PRINCIPLES 106	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
670210	SURFACE PREPARATION 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700215	THREADED FASTENER SELECTION 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700120	TOOLS FOR THREADED FASTENERS 120	SELF-PACED	01/2010-12/2010	90 MIN	0	0	NON-ACADEMIC
900180	TROUBLESHOOTING: IDENTIFYING PROBLEMS 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900184	TROUBLESHOOTING: TAKING CORRECTIVE ACTIONS 184	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900182	TROUBLESHOOTING: UNDERSTANDING CAUSES AND EFFECTS 182	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
670140	TYPES OF ADHESIVES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700210	UNDERSTANDING TORQUE 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850180	WALKING AND WORKING SURFACES 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650110	WHAT IS ARC WELDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
ASSEMBLER: ELECTRICAL							
460240	AC MOTOR APPLICATIONS 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
550250	BATTERY SELECTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850115	BLOODBORNE PATHOGENS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900160	CELL DESIGN AND PULL SYSTEMS 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900200	CONDUCTING AN INTERNAL AUDIT 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550240	CONDUCTOR SELECTION 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850190	CONFINED SPACES 190	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460250	CONTACTORS AND MOTOR STARTERS 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460260	CONTROL DEVICES 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550140	DC CIRCUIT COMPONENTS 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460230	DC MOTOR APPLICATIONS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550220	ELECTRICAL INSTRUMENTS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550225	ELECTRICAL PRINT READING 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550110	ELECTRICAL UNITS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800185	GEOMETRY: CIRCLES AND POLYGONS 185	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800155	GEOMETRY: LINES AND ANGLES 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800165	GEOMETRY: TRIANGLES 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
850145	HAND AND POWER TOOL SAFETY 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
700100	INTRO TO ASSEMBLY 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550120	INTRO TO CIRCUITS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
460200	INTRO TO ELECTRIC MOTORS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700130	INTRO TO FASTENER ERGONOMICS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700110	INTRO TO FASTENER THREADS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350200	INTRO TO GD&T 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550130	INTRO TO MAGNETISM 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900140	INTRO TO SUPPLY CHAIN MANAGEMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100104	INTRO TO WORKHOLDING 104	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900110	ISO 9000 OVERVIEW 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660230	LEAD-FREE SOLDERING 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350115	LINEAR INSTRUMENT CHARACTERISTICS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100107	LOCATING DEVICES 107	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850130	LOCKOUT/TAGOUT PROCEDURES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
460220	LOGIC AND LINE DIAGRAMS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850140	MACHINE GUARDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850170	NOISE REDUCTION AND HEARING CONSERVATION 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700125	OVERVIEW OF NON-THREADED FASTENERS 125	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700117	OVERVIEW OF THREADED FASTENERS 117	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350150	OVERVIEW OF THREADS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550205	PARALLEL CIRCUIT CALCULATIONS 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500130	PHYSICAL PROPERTIES OF METALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850210	POWERED INDUSTRIAL TRUCK SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700200	PROPERTIES FOR FASTENERS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850195	RESPIRATORY SAFETY 195	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700105	SAFETY FOR ASSEMBLY 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550115	SAFETY FOR ELECTRIC WORK 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850135	SAFETY FOR LIFTING DEVICES 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660115	SAFETY FOR SOLDERING 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550200	SERIES CIRCUIT CALCULATIONS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660210	SOLDER AND FLUX SELECTION 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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660200	SOLDERING APPLICATIONS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660130	SOLDERING EQUIPMENT 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660220	SOLDERING PCBS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460235	SOLENOIDS 235	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100106	SUPPORTING AND LOCATING PRINCIPLES 106	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460210	SYMBOLS AND DIAGRAMS FOR MOTORS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700215	THREADED FASTENER SELECTION 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700120	TOOLS FOR THREADED FASTENERS 120	SELF-PACED	01/2010-12/2010	90 MIN	0	0	NON-ACADEMIC
900180	TROUBLESHOOTING: IDENTIFYING PROBLEMS 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900184	TROUBLESHOOTING: TAKING CORRECTIVE ACTIONS 184	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900182	TROUBLESHOOTING: UNDERSTANDING CAUSES AND EFFECTS 182	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700210	UNDERSTANDING TORQUE 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850180	WALKING AND WORKING SURFACES 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660110	WHAT IS SOLDERING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
CNC OPERATOR: MILL							
900155	5S OVERVIEW 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200250	ANSI INSERT SELECTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300130	BASICS OF THE CNC MACHINING CENTER 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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850115	BLOODBORNE PATHOGENS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300160	CAD/CAM OVERVIEW 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350210	CALIBRATION FUNDAMENTALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300310	CANNED CYCLES 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200230	CARBIDE GRADE SELECTION 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900160	CELL DESIGN AND PULL SYSTEMS 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100110	CHUCKS, COLLETS, AND VISES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100108	CLAMPING BASICS 108	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300140	CNC COORDINATES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300200	CNC MANUAL OPERATIONS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300210	CNC OFFSETS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300220	CNC SPECS FOR THE MILL 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900200	CONDUCTING AN INTERNAL AUDIT 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900260	CONDUCTING KAIZEN EVENTS 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300290	CREATING A MILLING PROGRAM 290	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200210	CUTTING FLUIDS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200140	CUTTING PROCESSES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200220	CUTTING TOOL MATERIALS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200200	CUTTING VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
200247	DRILL GEOMETRY 247	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500210	FERROUS METALS AND ALLOYS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560110	FORCES OF MACHINES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
320250	GE FANUC MILL: CONTROL PANEL OVERVIEW 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320260	GE FANUC MILL: ENTERING OFFSETS 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320320	GE FANUC MILL: FIRST PART RUNS 320	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320270	GE FANUC MILL: LOCATING PROGRAM ZERO 270	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320280	GE FANUC MILL: PROGRAM EXECUTION 280	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320310	GE FANUC MILL: PROGRAM STORAGE 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800185	GEOMETRY: CIRCLES AND POLYGONS 185	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800155	GEOMETRY: LINES AND ANGLES 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800165	GEOMETRY: TRIANGLES 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
310250	HAAS MILL: CONTROL PANEL OVERVIEW 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310260	HAAS MILL: ENTERING OFFSETS 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310320	HAAS MILL: FIRST PART RUNS 320	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310270	HAAS MILL: LOCATING PROGRAM ZERO 270	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310280	HAAS MILL: PROGRAM EXECUTION 280	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310310	HAAS MILL: PROGRAM STORAGE 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
850145	HAND AND POWER TOOL SAFETY 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350260	HARDNESS TESTING 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500230	HEAT TREATMENT OF STEEL 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
200310	HIGH-SPEED MACHINING 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300100	HISTORY AND DEFINITION OF CNC 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350240	HOLE INSPECTION 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800230	INTERPRETING BLUEPRINTS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350200	INTRO TO GD&T 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580110	INTRO TO MACHINE RIGGING 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100104	INTRO TO WORKHOLDING 104	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900110	ISO 9000 OVERVIEW 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580130	LIFTING AND MOVING EQUIPMENT 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350115	LINEAR INSTRUMENT CHARACTERISTICS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850130	LOCKOUT/TAGOUT PROCEDURES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
560130	LUBRICANT FUNDAMENTALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850140	MACHINE GUARDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
330250	MAZAK MILL: CONTROL PANEL OVERVIEW 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
330280	MAZAK MILL: ENTERING OFFSETS 280	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
330320	MAZAK MILL: FIRST PART RUNS 320	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
330270	MAZAK MILL: LOCATING PROGRAM ZERO 270	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
330290	MAZAK MILL: PROGRAM EXECUTION 290	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
330310	MAZAK MILL: PROGRAM STORAGE 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
330260	MAZAK MILL: SAFETY FOR THE MILL 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
300110	MECHANICS OF CNC 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500150	METAL CLASSIFICATION 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500140	METAL MANUFACTURING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200110	METAL REMOVAL PROCESSES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850165	METALWORKING FLUID SAFETY 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900230	METRICS FOR LEAN 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200245	MILLING GEOMETRY 245	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850170	NOISE REDUCTION AND HEARING CONSERVATION 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500220	NONFERROUS METALS AND ALLOYS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
200305	OPTIMIZING INSERT LIFE 305	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300150	PART PROGRAM 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500130	PHYSICAL PROPERTIES OF METALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850210	POWERED INDUSTRIAL TRUCK SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900240	PROCESS FLOW CHARTING 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580120	RIGGING EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580210	RIGGING INSPECTION AND SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580220	RIGGING MECHANICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850135	SAFETY FOR LIFTING DEVICES 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200115	SAFETY FOR METAL CUTTING 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800200	SHOP ALGEBRA OVERVIEW 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800210	SHOP TRIG OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900210	SPC OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200300	SPEED AND FEED SELECTION 300	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800220	STATISTICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
500110	STRUCTURE OF METALS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
100106	SUPPORTING AND LOCATING PRINCIPLES 106	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350140	SURFACE MEASUREMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
350250	THREAD INSPECTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900150	TOTAL PRODUCTIVE MAINTENANCE OVERVIEW 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800205	TRIG: PYTHAGOREAN THEOREM 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800225	TRIG: SINE BAR APPLICATIONS 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800215	TRIG: SINE, COSINE, AND TANGENT 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900180	TROUBLESHOOTING: IDENTIFYING PROBLEMS 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900184	TROUBLESHOOTING: TAKING CORRECTIVE ACTIONS 184	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900182	TROUBLESHOOTING: UNDERSTANDING CAUSES AND EFFECTS 182	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850180	WALKING AND WORKING SURFACES 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200120	WHAT IS CUTTING? 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
	CNC OPERATOR: LATHE		01/2010-12/2010				
900155	5S OVERVIEW 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200250	ANSI INSERT SELECTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300135	BASICS OF THE CNC SWISS-TYPE LATHE 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300120	BASICS OF THE CNC TURNING CENTER 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850115	BLOODBORNE PATHOGENS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300160	CAD/CAM OVERVIEW 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
350210	CALIBRATION FUNDAMENTALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300310	CANNED CYCLES 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200230	CARBIDE GRADE SELECTION 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900160	CELL DESIGN AND PULL SYSTEMS 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100110	CHUCKS, COLLETS, AND VISES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100108	CLAMPING BASICS 108	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300140	CNC COORDINATES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300200	CNC MANUAL OPERATIONS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300210	CNC OFFSETS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300225	CNC SPECS FOR THE LATHE 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900200	CONDUCTING AN INTERNAL AUDIT 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900260	CONDUCTING KAIZEN EVENTS 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300280	CREATING A TURNING PROGRAM 280	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200210	CUTTING FLUIDS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200140	CUTTING PROCESSES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200220	CUTTING TOOL MATERIALS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200200	CUTTING VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200247	DRILL GEOMETRY 247	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500210	FERROUS METALS AND ALLOYS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560110	FORCES OF MACHINES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
320255	GE FANUC LATHE: CONTROL PANEL OVERVIEW 255	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320265	GE FANUC LATHE: ENTERING OFFSETS 265	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320325	GE FANUC LATHE: FIRST PART RUNS 325	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320275	GE FANUC LATHE: LOCATING PROGRAM ZERO 275	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320285	GE FANUC LATHE: PROGRAM EXECUTION 285	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320315	GE FANUC LATHE: PROGRAM STORAGE 315	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800185	GEOMETRY: CIRCLES AND POLYGONS 185	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800155	GEOMETRY: LINES AND ANGLES 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800165	GEOMETRY: TRIANGLES 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
310255	HAAS LATHE: CONTROL PANEL OVERVIEW 255	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310265	HAAS LATHE: ENTERING OFFSETS 265	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310325	HAAS LATHE: FIRST PART RUNS 325	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310275	HAAS LATHE: LOCATING PROGRAM ZERO 275	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310285	HAAS LATHE: PROGRAM EXECUTION 285	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310315	HAAS LATHE: PROGRAM STORAGE 315	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
850145	HAND AND POWER TOOL SAFETY 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200315	HARD TURNING 315	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350260	HARDNESS TESTING 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
500230	HEAT TREATMENT OF STEEL 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
300100	HISTORY AND DEFINITION OF CNC 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350240	HOLE INSPECTION 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800230	INTERPRETING BLUEPRINTS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350200	INTRO TO GD&T 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580110	INTRO TO MACHINE RIGGING 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100104	INTRO TO WORKHOLDING 104	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900110	ISO 9000 OVERVIEW 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580130	LIFTING AND MOVING EQUIPMENT 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350115	LINEAR INSTRUMENT CHARACTERISTICS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850130	LOCKOUT/TAGOUT PROCEDURES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
560130	LUBRICANT FUNDAMENTALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850140	MACHINE GUARDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
330255	MAZAK LATHE: CONTROL PANEL OVERVIEW 255	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
330285	MAZAK LATHE: ENTERING OFFSETS 285	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
330325	MAZAK LATHE: FIRST PART RUNS 325	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
330275	MAZAK LATHE: LOCATING PROGRAM ZERO 275	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
330295	MAZAK LATHE: PROGRAM EXECUTION 295	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
330315	MAZAK LATHE: PROGRAM STORAGE 315	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
330265	MAZAK LATHE: SAFETY FOR THE LATHE 265	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
300110	MECHANICS OF CNC 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500150	METAL CLASSIFICATION 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500140	METAL MANUFACTURING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200110	METAL REMOVAL PROCESSES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850165	METALWORKING FLUID SAFETY 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900230	METRICS FOR LEAN 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850170	NOISE REDUCTION AND HEARING CONSERVATION 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500220	NONFERROUS METALS AND ALLOYS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
200305	OPTIMIZING INSERT LIFE 305	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300150	PART PROGRAM 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500130	PHYSICAL PROPERTIES OF METALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
850210	POWERED INDUSTRIAL TRUCK SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900240	PROCESS FLOW CHARTING 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580120	RIGGING EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580210	RIGGING INSPECTION AND SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580220	RIGGING MECHANICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850135	SAFETY FOR LIFTING DEVICES 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200115	SAFETY FOR METAL CUTTING 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800200	SHOP ALGEBRA OVERVIEW 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800210	SHOP TRIG OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900210	SPC OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200300	SPEED AND FEED SELECTION 300	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800220	STATISTICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
500110	STRUCTURE OF METALS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
100106	SUPPORTING AND LOCATING PRINCIPLES 106	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350140	SURFACE MEASUREMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350250	THREAD INSPECTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200240	TOOL GEOMETRY 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200260	TOOLHOLDERS FOR TURNING 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
900150	TOTAL PRODUCTIVE MAINTENANCE OVERVIEW 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
800205	TRIG: PYTHAGOREAN THEOREM 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800225	TRIG: SINE BAR APPLICATIONS 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800215	TRIG: SINE, COSINE, AND TANGENT 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900180	TROUBLESHOOTING: IDENTIFYING PROBLEMS 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
900184	TROUBLESHOOTING: TAKING CORRECTIVE ACTIONS 184	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
900182	TROUBLESHOOTING: UNDERSTANDING CAUSES AND EFFECTS 182	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
850180	WALKING AND WORKING SURFACES 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
200120	WHAT IS CUTTING? 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
CNC PROGRAMMER							
200250	ANSI INSERT SELECTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
300130	BASICS OF THE CNC MACHINING CENTER 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
300135	BASICS OF THE CNC SWISS-TYPE LATHE 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
300120	BASICS OF THE CNC TURNING CENTER 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
850115	BLOODBORNE PATHOGENS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
300160	CAD/CAM OVERVIEW 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
300310	CANNED CYCLES 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
200230	CARBIDE GRADE SELECTION 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
900160	CELL DESIGN AND PULL SYSTEMS 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100110	CHUCKS, COLLETS, AND VISES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100108	CLAMPING BASICS 108	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300140	CNC COORDINATES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300200	CNC MANUAL OPERATIONS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300210	CNC OFFSETS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300225	CNC SPECS FOR THE LATHE 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300220	CNC SPECS FOR THE MILL 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800310	CONCEPTS OF CALCULUS 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900200	CONDUCTING AN INTERNAL AUDIT 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900260	CONDUCTING KAIZEN EVENTS 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300290	CREATING A MILLING PROGRAM 290	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300280	CREATING A TURNING PROGRAM 280	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200210	CUTTING FLUIDS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200140	CUTTING PROCESSES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200220	CUTTING TOOL MATERIALS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200200	CUTTING VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200247	DRILL GEOMETRY 247	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500210	FERROUS METALS AND ALLOYS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100200	FIXTURE BODY CONSTRUCTION 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100210	FIXTURE DESIGN BASICS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
320255	GE FANUC LATHE: CONTROL PANEL OVERVIEW 255	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320265	GE FANUC LATHE: ENTERING OFFSETS 265	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320325	GE FANUC LATHE: FIRST PART RUNS 325	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320275	GE FANUC LATHE: LOCATING PROGRAM ZERO 275	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320285	GE FANUC LATHE: PROGRAM EXECUTION 285	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320315	GE FANUC LATHE: PROGRAM STORAGE 315	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320250	GE FANUC MILL: CONTROL PANEL OVERVIEW 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320260	GE FANUC MILL: ENTERING OFFSETS 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320320	GE FANUC MILL: FIRST PART RUNS 320	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320270	GE FANUC MILL: LOCATING PROGRAM ZERO 270	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320280	GE FANUC MILL: PROGRAM EXECUTION 280	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
320310	GE FANUC MILL: PROGRAM STORAGE 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800185	GEOMETRY: CIRCLES AND POLYGONS 185	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800155	GEOMETRY: LINES AND ANGLES 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800165	GEOMETRY: TRIANGLES 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
310255	HAAS LATHE: CONTROL PANEL OVERVIEW 255	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310265	HAAS LATHE: ENTERING OFFSETS 265	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
310325	HAAS LATHE: FIRST PART RUNS 325	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310275	HAAS LATHE: LOCATING PROGRAM ZERO 275	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310285	HAAS LATHE: PROGRAM EXECUTION 285	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310315	HAAS LATHE: PROGRAM STORAGE 315	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310250	HAAS MILL: CONTROL PANEL OVERVIEW 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310260	HAAS MILL: ENTERING OFFSETS 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310320	HAAS MILL: FIRST PART RUNS 320	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310270	HAAS MILL: LOCATING PROGRAM ZERO 270	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310280	HAAS MILL: PROGRAM EXECUTION 280	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
310310	HAAS MILL: PROGRAM STORAGE 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
200315	HARD TURNING 315	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
500230	HEAT TREATMENT OF STEEL 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
200310	HIGH-SPEED MACHINING 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
300100	HISTORY AND DEFINITION OF CNC 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
800230	INTERPRETING BLUEPRINTS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
350310	INTERPRETING GD&T 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
350200	INTRO TO GD&T 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
100104	INTRO TO WORKHOLDING 104	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
900110	ISO 9000 OVERVIEW 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100107	LOCATING DEVICES 107	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200130	MACHINES FOR METAL CUTTING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
300110	MECHANICS OF CNC 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500150	METAL CLASSIFICATION 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500140	METAL MANUFACTURING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200110	METAL REMOVAL PROCESSES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850165	METALWORKING FLUID SAFETY 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900230	METRICS FOR LEAN 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300295	MILLING CALCULATIONS 295	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
200245	MILLING GEOMETRY 245	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850170	NOISE REDUCTION AND HEARING CONSERVATION 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500220	NONFERROUS METALS AND ALLOYS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
200305	OPTIMIZING INSERT LIFE 305	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
300150	PART PROGRAM 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500130	PHYSICAL PROPERTIES OF METALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
900240	PROCESS FLOW CHARTING 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800200	SHOP ALGEBRA OVERVIEW 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800210	SHOP TRIG OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900210	SPC OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200300	SPEED AND FEED SELECTION 300	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800220	STATISTICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900250	STRATEGIES FOR SETUP REDUCTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500110	STRUCTURE OF METALS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
100106	SUPPORTING AND LOCATING PRINCIPLES 106	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350140	SURFACE MEASUREMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200240	TOOL GEOMETRY 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200260	TOOLHOLDERS FOR TURNING 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800205	TRIG: PYTHAGOREAN THEOREM 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800225	TRIG: SINE BAR APPLICATIONS 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800215	TRIG: SINE, COSINE, AND TANGENT 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900180	TROUBLESHOOTING: IDENTIFYING PROBLEMS 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
900184	TROUBLESHOOTING: TAKING CORRECTIVE ACTIONS 184	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900182	TROUBLESHOOTING: UNDERSTANDING CAUSES AND EFFECTS 182	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300285	TURNING CALCULATIONS 285	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
850180	WALKING AND WORKING SURFACES 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200120	WHAT IS CUTTING? 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
MACHINIST/MACHINE SETTER							
900155	5S OVERVIEW 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200250	ANSI INSERT SELECTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200215	BAND SAW BLADE SELECTION 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
950140	BASICS OF MANUFACTURING COSTS 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300130	BASICS OF THE CNC MACHINING CENTER 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300135	BASICS OF THE CNC SWISS-TYPE LATHE 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300120	BASICS OF THE CNC TURNING CENTER 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150115	BASICS OF THE ENGINE LATHE 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150110	BASICS OF THE MANUAL MILL 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150210	BENCHWORK AND LAYOUT OPERATIONS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850115	BLOODBORNE PATHOGENS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
300160	CAD/CAM OVERVIEW 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350210	CALIBRATION FUNDAMENTALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300310	CANNED CYCLES 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200230	CARBIDE GRADE SELECTION 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900160	CELL DESIGN AND PULL SYSTEMS 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250260	CENTERLESS GRINDER OPERATION 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100110	CHUCKS, COLLETS, AND VISES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100108	CLAMPING BASICS 108	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300140	CNC COORDINATES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300200	CNC MANUAL OPERATIONS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300210	CNC OFFSETS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300225	CNC SPECS FOR THE LATHE 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300220	CNC SPECS FOR THE MILL 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900200	CONDUCTING AN INTERNAL AUDIT 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900260	CONDUCTING KAIZEN EVENTS 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300290	CREATING A MILLING PROGRAM 290	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300280	CREATING A TURNING PROGRAM 280	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200210	CUTTING FLUIDS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200140	CUTTING PROCESSES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200220	CUTTING TOOL MATERIALS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
200200	CUTTING VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250250	CYLINDRICAL GRINDER OPERATION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100230	DRILL BUSHING SELECTION 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200247	DRILL GEOMETRY 247	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150225	ENGINE LATHE OPERATION 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
950120	ESSENTIALS OF COMMUNICATION 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	COMMUNICATION ARTS
950110	ESSENTIALS OF LEADERSHIP 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500210	FERROUS METALS AND ALLOYS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100200	FIXTURE BODY CONSTRUCTION 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100210	FIXTURE DESIGN BASICS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560110	FORCES OF MACHINES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
800185	GEOMETRY: CIRCLES AND POLYGONS 185	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800155	GEOMETRY: LINES AND ANGLES 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800165	GEOMETRY: TRIANGLES 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
850145	HAND AND POWER TOOL SAFETY 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200315	HARD TURNING 315	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350260	HARDNESS TESTING 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500230	HEAT TREATMENT OF STEEL 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
300100	HISTORY AND DEFINITION OF CNC 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350240	HOLE INSPECTION 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150230	HOLEMAKING ON THE MILL 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800230	INTERPRETING BLUEPRINTS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
600100	INTRO TO EDM 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350200	INTRO TO GD&T 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580110	INTRO TO MACHINE RIGGING 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200160	INTRO TO SCREW MACHINING 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100104	INTRO TO WORKHOLDING 104	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900110	ISO 9000 OVERVIEW 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580130	LIFTING AND MOVING EQUIPMENT 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350115	LINEAR INSTRUMENT CHARACTERISTICS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100107	LOCATING DEVICES 107	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850130	LOCKOUT/TAGOUT PROCEDURES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
560130	LUBRICANT FUNDAMENTALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850140	MACHINE GUARDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200130	MACHINES FOR METAL CUTTING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
150220	MANUAL MILL OPERATION 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
300110	MECHANICS OF CNC 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500150	METAL CLASSIFICATION 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500140	METAL MANUFACTURING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200110	METAL REMOVAL PROCESSES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850165	METALWORKING FLUID SAFETY 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900230	METRICS FOR LEAN 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200245	MILLING GEOMETRY 245	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850170	NOISE REDUCTION AND HEARING CONSERVATION 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500220	NONFERROUS METALS AND ALLOYS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
200305	OPTIMIZING INSERT LIFE 305	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150205	OVERVIEW OF ENGINE LATHE SETUP 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150200	OVERVIEW OF MANUAL MILL SETUP 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300150	PART PROGRAM 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
500130	PHYSICAL PROPERTIES OF METALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850210	POWERED INDUSTRIAL TRUCK SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900240	PROCESS FLOW CHARTING 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580120	RIGGING EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580210	RIGGING INSPECTION AND SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580220	RIGGING MECHANICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850135	SAFETY FOR LIFTING DEVICES 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200115	SAFETY FOR METAL CUTTING 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200155	SAWING FUNDAMENTALS 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250320	SETUP FOR CENTERLESS GRINDERS 320	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800200	SHOP ALGEBRA OVERVIEW 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800210	SHOP TRIG OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900210	SPC OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200300	SPEED AND FEED SELECTION 300	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800220	STATISTICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900250	STRATEGIES FOR SETUP REDUCTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500110	STRUCTURE OF METALS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
100106	SUPPORTING AND LOCATING PRINCIPLES 106	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250240	SURFACE GRINDER OPERATION 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
350140	SURFACE MEASUREMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
950160	TEAM LEADERSHIP 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350250	THREAD INSPECTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150235	THREADING ON THE ENGINE LATHE 235	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200240	TOOL GEOMETRY 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200260	TOOLHOLDERS FOR TURNING 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
900150	TOTAL PRODUCTIVE MAINTENANCE OVERVIEW 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800205	TRIG: PYTHAGOREAN THEOREM 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800225	TRIG: SINE BAR APPLICATIONS 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800215	TRIG: SINE, COSINE, AND TANGENT 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900180	TROUBLESHOOTING: IDENTIFYING PROBLEMS 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900184	TROUBLESHOOTING: TAKING CORRECTIVE ACTIONS 184	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900182	TROUBLESHOOTING: UNDERSTANDING CAUSES AND EFFECTS 182	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850180	WALKING AND WORKING SURFACES 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200120	WHAT IS CUTTING? 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
MACHINIST: TOOL ROOM							
900155	5S OVERVIEW 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200250	ANSI INSERT SELECTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200215	BAND SAW BLADE SELECTION 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
950140	BASICS OF MANUFACTURING COSTS 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150115	BASICS OF THE ENGINE LATHE 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150110	BASICS OF THE MANUAL MILL 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150210	BENCHWORK AND LAYOUT OPERATIONS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850115	BLOODBORNE PATHOGENS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350210	CALIBRATION FUNDAMENTALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200230	CARBIDE GRADE SELECTION 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250260	CENTERLESS GRINDER OPERATION 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100110	CHUCKS, COLLETS, AND VISES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100108	CLAMPING BASICS 108	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900200	CONDUCTING AN INTERNAL AUDIT 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200210	CUTTING FLUIDS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200140	CUTTING PROCESSES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200220	CUTTING TOOL MATERIALS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200200	CUTTING VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250250	CYLINDRICAL GRINDER OPERATION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250230	DRESSING AND TRUING 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100230	DRILL BUSHING SELECTION 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
200247	DRILL GEOMETRY 247	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150225	ENGINE LATHE OPERATION 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
950120	ESSENTIALS OF COMMUNICATION 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	COMMUNICATION ARTS
950110	ESSENTIALS OF LEADERSHIP 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500210	FERROUS METALS AND ALLOYS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100200	FIXTURE BODY CONSTRUCTION 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100210	FIXTURE DESIGN BASICS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560110	FORCES OF MACHINES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
800185	GEOMETRY: CIRCLES AND POLYGONS 185	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800155	GEOMETRY: LINES AND ANGLES 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800165	GEOMETRY: TRIANGLES 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
250120	GRINDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250200	GRINDING VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250220	GRINDING WHEEL GEOMETRY 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250210	GRINDING WHEEL MATERIALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850145	HAND AND POWER TOOL SAFETY 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350260	HARDNESS TESTING 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500230	HEAT TREATMENT OF STEEL 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
350240	HOLE INSPECTION 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150230	HOLEMAKING ON THE MILL 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800230	INTERPRETING BLUEPRINTS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250100	INTRO TO ABRASIVES 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350200	INTRO TO GD&T 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580110	INTRO TO MACHINE RIGGING 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200160	INTRO TO SCREW MACHINING 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100104	INTRO TO WORKHOLDING 104	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900110	ISO 9000 OVERVIEW 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580130	LIFTING AND MOVING EQUIPMENT 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350115	LINEAR INSTRUMENT CHARACTERISTICS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100107	LOCATING DEVICES 107	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850130	LOCKOUT/TAGOUT PROCEDURES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
560130	LUBRICANT FUNDAMENTALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850140	MACHINE GUARDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200130	MACHINES FOR METAL CUTTING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150220	MANUAL MILL OPERATION 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
500150	METAL CLASSIFICATION 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500140	METAL MANUFACTURING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200110	METAL REMOVAL PROCESSES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850165	METALWORKING FLUID SAFETY 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200245	MILLING GEOMETRY 245	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850170	NOISE REDUCTION AND HEARING CONSERVATION 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500220	NONFERROUS METALS AND ALLOYS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
200305	OPTIMIZING INSERT LIFE 305	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150205	OVERVIEW OF ENGINE LATHE SETUP 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150200	OVERVIEW OF MANUAL MILL SETUP 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500130	PHYSICAL PROPERTIES OF METALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850210	POWERED INDUSTRIAL TRUCK SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580120	RIGGING EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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580210	RIGGING INSPECTION AND SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580220	RIGGING MECHANICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850135	SAFETY FOR LIFTING DEVICES 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200115	SAFETY FOR METAL CUTTING 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200155	SAWING FUNDAMENTALS 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250320	SETUP FOR CENTERLESS GRINDERS 320	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800200	SHOP ALGEBRA OVERVIEW 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800210	SHOP TRIG OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
200300	SPEED AND FEED SELECTION 300	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800220	STATISTICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
500110	STRUCTURE OF METALS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
100106	SUPPORTING AND LOCATING PRINCIPLES 106	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250240	SURFACE GRINDER OPERATION 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350140	SURFACE MEASUREMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
950160	TEAM LEADERSHIP 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350250	THREAD INSPECTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150235	THREADING ON THE ENGINE LATHE 235	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200240	TOOL GEOMETRY 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200260	TOOLHOLDERS FOR TURNING 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
900150	TOTAL PRODUCTIVE MAINTENANCE OVERVIEW 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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800205	TRIG: PYTHAGOREAN THEOREM 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800225	TRIG: SINE BAR APPLICATIONS 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800215	TRIG: SINE, COSINE, AND TANGENT 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900180	TROUBLESHOOTING: IDENTIFYING PROBLEMS 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
900184	TROUBLESHOOTING: TAKING CORRECTIVE ACTIONS 184	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
900182	TROUBLESHOOTING: UNDERSTANDING CAUSES AND EFFECTS 182	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
850180	WALKING AND WORKING SURFACES 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
200120	WHAT IS CUTTING? 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
250110	WHAT IS GRINDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
INSPECTOR: MECHANICAL							
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
350120	BASICS OF THE CMM 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
350130	BASICS OF THE OPTICAL COMPARATOR 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
850115	BLOODBORNE PATHOGENS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
350210	CALIBRATION FUNDAMENTALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
900200	CONDUCTING AN INTERNAL AUDIT 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
200140	CUTTING PROCESSES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
550110	ELECTRICAL UNITS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE

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850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500210	FERROUS METALS AND ALLOYS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100210	FIXTURE DESIGN BASICS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800185	GEOMETRY: CIRCLES AND POLYGONS 185	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800155	GEOMETRY: LINES AND ANGLES 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800165	GEOMETRY: TRIANGLES 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
250120	GRINDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350260	HARDNESS TESTING 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500230	HEAT TREATMENT OF STEEL 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
350240	HOLE INSPECTION 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350220	INSPECTING WITH CMMS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350230	INSPECTING WITH OPTICAL COMPARATORS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800230	INTERPRETING BLUEPRINTS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350310	INTERPRETING GD&T 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250100	INTRO TO ABRASIVES 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350200	INTRO TO GD&T 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900170	INTRO TO SIX SIGMA 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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100104	INTRO TO WORKHOLDING 104	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900110	ISO 9000 OVERVIEW 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350115	LINEAR INSTRUMENT CHARACTERISTICS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100107	LOCATING DEVICES 107	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850130	LOCKOUT/TAGOUT PROCEDURES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350300	MEASURING SYSTEM ANALYSIS 300	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
500150	METAL CLASSIFICATION 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200110	METAL REMOVAL PROCESSES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850170	NOISE REDUCTION AND HEARING CONSERVATION 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500220	NONFERROUS METALS AND ALLOYS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
350150	OVERVIEW OF THREADS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500130	PHYSICAL PROPERTIES OF METALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850210	POWERED INDUSTRIAL TRUCK SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850135	SAFETY FOR LIFTING DEVICES 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800200	SHOP ALGEBRA OVERVIEW 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800210	SHOP TRIG OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900310	SIX SIGMA GOALS AND TOOLS 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900210	SPC OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800220	STATISTICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
500110	STRUCTURE OF METALS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
100106	SUPPORTING AND LOCATING PRINCIPLES 106	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350140	SURFACE MEASUREMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350250	THREAD INSPECTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800205	TRIG: PYTHAGOREAN THEOREM 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800225	TRIG: SINE BAR APPLICATIONS 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800215	TRIG: SINE, COSINE, AND TANGENT 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900180	TROUBLESHOOTING: IDENTIFYING PROBLEMS 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900184	TROUBLESHOOTING: TAKING CORRECTIVE ACTIONS 184	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900182	TROUBLESHOOTING: UNDERSTANDING CAUSES AND EFFECTS 182	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900220	TS 16949:2002 OVERVIEW 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850180	WALKING AND WORKING SURFACES 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
ELECTRICIAN: INDUSTRIAL							

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
550210	AC FUNDAMENTALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460240	AC MOTOR APPLICATIONS 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550235	AC POWER SOURCES 235	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460385	ACCELERATION METHODS 385	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900120	APPROACHES TO MAINTENANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450250	BASIC PROGRAMMING 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450220	BASICS OF LADDER LOGIC 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550250	BATTERY SELECTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850115	BLOODBORNE PATHOGENS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800310	CONCEPTS OF CALCULUS 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
550240	CONDUCTOR SELECTION 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850190	CONFINED SPACES 190	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460250	CONTACTORS AND MOTOR STARTERS 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460260	CONTROL DEVICES 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450360	DATA MANIPULATION 360	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550140	DC CIRCUIT COMPONENTS 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460230	DC MOTOR APPLICATIONS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550230	DC POWER SOURCES 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
460380	DECELERATION METHODS 380	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460320	DISTRIBUTION SYSTEMS 320	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550220	ELECTRICAL INSTRUMENTS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550225	ELECTRICAL PRINT READING 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550110	ELECTRICAL UNITS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460350	ELECTRONIC SEMICONDUCTOR DEVICES 350	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560110	FORCES OF MACHINES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850145	HAND AND POWER TOOL SAFETY 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450280	HAND-HELD PROGRAMMERS OF PLCS 280	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450210	HARDWARE FOR PLCS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700100	INTRO TO ASSEMBLY 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550120	INTRO TO CIRCUITS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
460200	INTRO TO ELECTRIC MOTORS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700130	INTRO TO FASTENER ERGONOMICS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700110	INTRO TO FASTENER THREADS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570100	INTRO TO FLUID SYSTEMS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
570120	INTRO TO HYDRAULIC COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550130	INTRO TO MAGNETISM 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
560100	INTRO TO MECHANICAL SYSTEMS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450200	INTRO TO PLCS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570125	INTRO TO PNEUMATIC COMPONENTS 125	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
470110	INTRO TO ROBOTICS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
660230	LEAD-FREE SOLDERING 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460360	LIMIT SWITCHES AND PROXIMITY SENSORS 360	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850130	LOCKOUT/TAGOUT PROCEDURES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
460220	LOGIC AND LINE DIAGRAMS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850140	MACHINE GUARDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200130	MACHINES FOR METAL CUTTING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450320	MATH FOR PLCS 320	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550150	NEC OVERVIEW 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450270	NETWORKING FOR PLCS 270	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
850170	NOISE REDUCTION AND HEARING CONSERVATION 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450230	NUMBERING SYSTEMS AND CODES 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700125	OVERVIEW OF NON-THREADED FASTENERS 125	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450305	OVERVIEW OF PLC REGISTERS 305	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700117	OVERVIEW OF THREADED FASTENERS 117	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550205	PARALLEL CIRCUIT CALCULATIONS 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460365	PHOTOELECTRIC AND ULTRASONIC DEVICES 365	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460355	PHOTONIC SEMICONDUCTOR DEVICES 355	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500130	PHYSICAL PROPERTIES OF METALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
450350	PID FOR PLCS 350	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450300	PLC DIAGRAMS AND PROGRAMS 300	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450240	PLC INPUTS AND OUTPUTS 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450340	PLC INSTALLATION PRACTICES 340	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450310	PLC PROGRAM CONTROL INSTRUCTIONS 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450260	PLC TIMERS AND COUNTERS 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560120	POWER TRANSMISSION COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850210	POWERED INDUSTRIAL TRUCK SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400110	PRESS BASICS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410110	PRESS BRAKE COMPONENTS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460370	REDUCED VOLTAGE STARTING 370	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850195	RESPIRATORY SAFETY 195	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460310	REVERSING MOTOR CIRCUITS 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
470120	ROBOT COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
470115	ROBOT SAFETY 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
470150	ROBOT SENSORS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
470160	ROBOT TROUBLESHOOTING 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
470220	ROBOTIC DRIVES, HARDWARE, AND COMPONENTS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
700105	SAFETY FOR ASSEMBLY 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550115	SAFETY FOR ELECTRIC WORK 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570105	SAFETY FOR HYDRAULICS AND PNEUMATICS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850135	SAFETY FOR LIFTING DEVICES 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560105	SAFETY FOR MECHANICAL WORK 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660115	SAFETY FOR SOLDERING 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450330	SEQUENCER INSTRUCTIONS FOR PLCS 330	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550200	SERIES CIRCUIT CALCULATIONS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450370	SHIFT REGISTERS 370	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800200	SHOP ALGEBRA OVERVIEW 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800170	SHOP GEOMETRY OVERVIEW 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
800210	SHOP TRIG OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
660210	SOLDER AND FLUX SELECTION 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660200	SOLDERING APPLICATIONS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660130	SOLDERING EQUIPMENT 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660220	SOLDERING PCBS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460235	SOLENOIDS 235	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460375	SOLID-STATE RELAYS AND STARTERS 375	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460330	SPECS FOR SERVOMOTORS 330	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500110	STRUCTURE OF METALS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
460210	SYMBOLS AND DIAGRAMS FOR MOTORS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570110	THE FORCES OF FLUID POWER 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
460340	TIMERS AND COUNTERS 340	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700120	TOOLS FOR THREADED FASTENERS 120	SELF-PACED	01/2010-12/2010	90 MIN	0	0	NON-ACADEMIC
900150	TOTAL PRODUCTIVE MAINTENANCE OVERVIEW 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800205	TRIG: PYTHAGOREAN THEOREM 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800215	TRIG: SINE, COSINE, AND TANGENT 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900180	TROUBLESHOOTING: IDENTIFYING PROBLEMS 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900184	TROUBLESHOOTING: TAKING CORRECTIVE ACTIONS 184	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900182	TROUBLESHOOTING: UNDERSTANDING CAUSES AND EFFECTS 182	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850180	WALKING AND WORKING SURFACES 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
660110	WHAT IS SOLDERING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
MAINTENANCE AND REPAIR: GENERAL							
900155	5S OVERVIEW 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550210	AC FUNDAMENTALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460240	AC MOTOR APPLICATIONS 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550235	AC POWER SOURCES 235	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900120	APPROACHES TO MAINTENANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
670120	BASICS OF THE BONDING PROCESS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550250	BATTERY SELECTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560210	BEARING APPLICATIONS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560230	BELT DRIVE APPLICATIONS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850115	BLOODBORNE PATHOGENS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560250	CLUTCH AND BRAKE APPLICATIONS 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550240	CONDUCTOR SELECTION 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850190	CONFINED SPACES 190	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460250	CONTACTORS AND MOTOR STARTERS 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570330	CONTAMINATION AND FILTER SELECTION 330	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
460260	CONTROL DEVICES 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550140	DC CIRCUIT COMPONENTS 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460230	DC MOTOR APPLICATIONS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550230	DC POWER SOURCES 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460320	DISTRIBUTION SYSTEMS 320	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550220	ELECTRICAL INSTRUMENTS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550225	ELECTRICAL PRINT READING 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550110	ELECTRICAL UNITS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
470125	END EFFECTORS 125	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570135	FITTINGS FOR FLUID SYSTEMS 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570220	FLUID SYSTEM PRINT READING 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560110	FORCES OF MACHINES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
560245	GEAR APPLICATIONS 245	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560240	GEAR GEOMETRY 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800185	GEOMETRY: CIRCLES AND POLYGONS 185	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800155	GEOMETRY: LINES AND ANGLES 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800165	GEOMETRY: TRIANGLES 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
250120	GRINDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
850145	HAND AND POWER TOOL SAFETY 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450210	HARDWARE FOR PLCS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570320	HYDRAULIC FLUID SELECTION 320	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800230	INTERPRETING BLUEPRINTS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250100	INTRO TO ABRASIVES 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
670110	INTRO TO ADHESIVE BONDING 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
670130	INTRO TO ADHESIVE PROPERTIES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700100	INTRO TO ASSEMBLY 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550120	INTRO TO CIRCUITS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
460200	INTRO TO ELECTRIC MOTORS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700130	INTRO TO FASTENER ERGONOMICS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700110	INTRO TO FASTENER THREADS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570130	INTRO TO FLUID CONDUCTORS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570100	INTRO TO FLUID SYSTEMS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
570120	INTRO TO HYDRAULIC COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580110	INTRO TO MACHINE RIGGING 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550130	INTRO TO MAGNETISM 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
560100	INTRO TO MECHANICAL SYSTEMS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
450200	INTRO TO PLCS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570125	INTRO TO PNEUMATIC COMPONENTS 125	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
470110	INTRO TO ROBOTICS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
200160	INTRO TO SCREW MACHINING 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580130	LIFTING AND MOVING EQUIPMENT 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350115	LINEAR INSTRUMENT CHARACTERISTICS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850130	LOCKOUT/TAGOUT PROCEDURES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
460220	LOGIC AND LINE DIAGRAMS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560130	LUBRICANT FUNDAMENTALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850140	MACHINE GUARDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200130	MACHINES FOR METAL CUTTING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560200	MECHANICAL POWER VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850165	METALWORKING FLUID SAFETY 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550150	NEC OVERVIEW 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
850170	NOISE REDUCTION AND HEARING CONSERVATION 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700125	OVERVIEW OF NON-THREADED FASTENERS 125	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700117	OVERVIEW OF THREADED FASTENERS 117	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550205	PARALLEL CIRCUIT CALCULATIONS 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500130	PHYSICAL PROPERTIES OF METALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
560120	POWER TRANSMISSION COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850210	POWERED INDUSTRIAL TRUCK SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570140	PREVENTIVE MAINTENANCE FOR FLUID SYSTEMS 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850195	RESPIRATORY SAFETY 195	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580120	RIGGING EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580210	RIGGING INSPECTION AND SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580220	RIGGING MECHANICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
470120	ROBOT COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
470230	ROBOT INSTALLATIONS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
470170	ROBOT MAINTENANCE 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
470115	ROBOT SAFETY 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700105	SAFETY FOR ASSEMBLY 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550115	SAFETY FOR ELECTRIC WORK 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
570105	SAFETY FOR HYDRAULICS AND PNEUMATICS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850135	SAFETY FOR LIFTING DEVICES 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560105	SAFETY FOR MECHANICAL WORK 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200115	SAFETY FOR METAL CUTTING 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550200	SERIES CIRCUIT CALCULATIONS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800200	SHOP ALGEBRA OVERVIEW 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800210	SHOP TRIG OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
460235	SOLENOIDS 235	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560220	SPRING APPLICATIONS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
670220	STEPS FOR ADHESIVE APPLICATION 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500110	STRUCTURE OF METALS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
670210	SURFACE PREPARATION 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460210	SYMBOLS AND DIAGRAMS FOR MOTORS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570110	THE FORCES OF FLUID POWER 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
700120	TOOLS FOR THREADED FASTENERS 120	SELF-PACED	01/2010-12/2010	90 MIN	0	0	NON-ACADEMIC
900150	TOTAL PRODUCTIVE MAINTENANCE OVERVIEW 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800205	TRIG: PYTHAGOREAN THEOREM 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800215	TRIG: SINE, COSINE, AND TANGENT 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900180	TROUBLESHOOTING: IDENTIFYING PROBLEMS 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900184	TROUBLESHOOTING: TAKING CORRECTIVE ACTIONS 184	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
900182	TROUBLESHOOTING: UNDERSTANDING CAUSES AND EFFECTS 182	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
670140	TYPES OF ADHESIVES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850180	WALKING AND WORKING SURFACES 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250110	WHAT IS GRINDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
MAINTENANCE AND REPAIR: INDUSTRIAL MACHINERY							
900155	5S OVERVIEW 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550210	AC FUNDAMENTALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460240	AC MOTOR APPLICATIONS 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550235	AC POWER SOURCES 235	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460385	ACCELERATION METHODS 385	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570240	ACTUATOR APPLICATIONS 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900120	APPROACHES TO MAINTENANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650260	ARC WELDING POWER SOURCES 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650120	ARC WELDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650115	ARC WELDING SAFETY 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570310	BASIC HYDRAULIC SYSTEM DESIGN 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570315	BASIC PNEUMATIC CIRCUIT DESIGN 315	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
300130	BASICS OF THE CNC MACHINING CENTER 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300135	BASICS OF THE CNC SWISS-TYPE LATHE 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
300120	BASICS OF THE CNC TURNING CENTER 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150115	BASICS OF THE ENGINE LATHE 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150110	BASICS OF THE MANUAL MILL 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560210	BEARING APPLICATIONS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560230	BELT DRIVE APPLICATIONS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850115	BLOODBORNE PATHOGENS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350210	CALIBRATION FUNDAMENTALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560250	CLUTCH AND BRAKE APPLICATIONS 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550240	CONDUCTOR SELECTION 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850190	CONFINED SPACES 190	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460250	CONTACTORS AND MOTOR STARTERS 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570330	CONTAMINATION AND FILTER SELECTION 330	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460260	CONTROL DEVICES 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550140	DC CIRCUIT COMPONENTS 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460230	DC MOTOR APPLICATIONS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550230	DC POWER SOURCES 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460380	DECELERATION METHODS 380	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460320	DISTRIBUTION SYSTEMS 320	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
550220	ELECTRICAL INSTRUMENTS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650140	ELECTRICAL POWER FOR ARC WELDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550225	ELECTRICAL PRINT READING 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550110	ELECTRICAL UNITS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460350	ELECTRONIC SEMICONDUCTOR DEVICES 350	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650200	FERROUS METALS FOR WELDING 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570135	FITTINGS FOR FLUID SYSTEMS 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570220	FLUID SYSTEM PRINT READING 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560110	FORCES OF MACHINES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
560245	GEAR APPLICATIONS 245	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560240	GEAR GEOMETRY 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800185	GEOMETRY: CIRCLES AND POLYGONS 185	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800155	GEOMETRY: LINES AND ANGLES 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800165	GEOMETRY: TRIANGLES 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
650220	GMAW APPLICATIONS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250120	GRINDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850145	HAND AND POWER TOOL SAFETY 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570230	HYDRAULIC CONTROL VALVES 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
570320	HYDRAULIC FLUID SELECTION 320	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570210	HYDRAULIC POWER SOURCES 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570200	HYDRAULIC POWER VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
570340	HYDRAULIC PRINCIPLES AND SYSTEM DESIGN 340	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
800230	INTERPRETING BLUEPRINTS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250100	INTRO TO ABRASIVES 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700100	INTRO TO ASSEMBLY 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550120	INTRO TO CIRCUITS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
460200	INTRO TO ELECTRIC MOTORS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700130	INTRO TO FASTENER ERGONOMICS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700110	INTRO TO FASTENER THREADS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570130	INTRO TO FLUID CONDUCTORS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570100	INTRO TO FLUID SYSTEMS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
570120	INTRO TO HYDRAULIC COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550130	INTRO TO MAGNETISM 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
560100	INTRO TO MECHANICAL SYSTEMS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570125	INTRO TO PNEUMATIC COMPONENTS 125	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200160	INTRO TO SCREW MACHINING 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460360	LIMIT SWITCHES AND PROXIMITY SENSORS 360	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350115	LINEAR INSTRUMENT CHARACTERISTICS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850130	LOCKOUT/TAGOUT PROCEDURES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
460220	LOGIC AND LINE DIAGRAMS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560130	LUBRICANT FUNDAMENTALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850140	MACHINE GUARDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200130	MACHINES FOR METAL CUTTING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560200	MECHANICAL POWER VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
300110	MECHANICS OF CNC 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850165	METALWORKING FLUID SAFETY 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550150	NEC OVERVIEW 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850170	NOISE REDUCTION AND HEARING CONSERVATION 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650205	NONFERROUS METALS FOR WELDING 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
700125	OVERVIEW OF NON-THREADED FASTENERS 125	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
700117	OVERVIEW OF THREADED FASTENERS 117	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650130	OVERVIEW OF WELD TYPES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550205	PARALLEL CIRCUIT CALCULATIONS 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460365	PHOTOELECTRIC AND ULTRASONIC DEVICES 365	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460355	PHOTONIC SEMICONDUCTOR DEVICES 355	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500130	PHYSICAL PROPERTIES OF METALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
570235	PNEUMATIC CONTROL VALVES 235	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570215	PNEUMATIC POWER SOURCES 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570205	PNEUMATIC POWER VARIABLES 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
560120	POWER TRANSMISSION COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850210	POWERED INDUSTRIAL TRUCK SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400110	PRESS BASICS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410110	PRESS BRAKE COMPONENTS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410100	PRESS BRAKE SAFETY 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570140	PREVENTIVE MAINTENANCE FOR FLUID SYSTEMS 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460370	REDUCED VOLTAGE STARTING 370	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850195	RESPIRATORY SAFETY 195	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460310	REVERSING MOTOR CIRCUITS 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
700105	SAFETY FOR ASSEMBLY 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550115	SAFETY FOR ELECTRIC WORK 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570105	SAFETY FOR HYDRAULICS AND PNEUMATICS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850135	SAFETY FOR LIFTING DEVICES 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560105	SAFETY FOR MECHANICAL WORK 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200115	SAFETY FOR METAL CUTTING 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550200	SERIES CIRCUIT CALCULATIONS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800200	SHOP ALGEBRA OVERVIEW 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800210	SHOP TRIG OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
650210	SMAW APPLICATIONS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460235	SOLENOIDS 235	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460375	SOLID-STATE RELAYS AND STARTERS 375	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560220	SPRING APPLICATIONS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500110	STRUCTURE OF METALS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
460210	SYMBOLS AND DIAGRAMS FOR MOTORS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570110	THE FORCES OF FLUID POWER 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
460340	TIMERS AND COUNTERS 340	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700120	TOOLS FOR THREADED FASTENERS 120	SELF-PACED	01/2010-12/2010	90 MIN	0	0	NON-ACADEMIC
900150	TOTAL PRODUCTIVE MAINTENANCE OVERVIEW 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800205	TRIG: PYTHAGOREAN THEOREM 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
800215	TRIG: SINE, COSINE, AND TANGENT 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900180	TROUBLESHOOTING: IDENTIFYING PROBLEMS 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900184	TROUBLESHOOTING: TAKING CORRECTIVE ACTIONS 184	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900182	TROUBLESHOOTING: UNDERSTANDING CAUSES AND EFFECTS 182	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850180	WALKING AND WORKING SURFACES 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650110	WHAT IS ARC WELDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250110	WHAT IS GRINDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
	PRODUCTION/MANUFACTURING ENGINEER		01/2010-12/2010				
470130	APPLICATIONS FOR ROBOTS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
900120	APPROACHES TO MAINTENANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900255	APPROACHES TO QUALITY MANAGEMENT 255	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650120	ARC WELDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650115	ARC WELDING SAFETY 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300130	BASICS OF THE CNC MACHINING CENTER 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300135	BASICS OF THE CNC SWISS-TYPE LATHE 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300120	BASICS OF THE CNC TURNING CENTER 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150115	BASICS OF THE ENGINE LATHE 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150110	BASICS OF THE MANUAL MILL 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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410120	BENDING FUNDAMENTALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850115	BLOODBORNE PATHOGENS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300160	CAD/CAM OVERVIEW 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350210	CALIBRATION FUNDAMENTALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900160	CELL DESIGN AND PULL SYSTEMS 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500250	CERAMICS 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
100110	CHUCKS, COLLETS, AND VISES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100108	CLAMPING BASICS 108	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300140	CNC COORDINATES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300200	CNC MANUAL OPERATIONS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300210	CNC OFFSETS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300225	CNC SPECS FOR THE LATHE 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300220	CNC SPECS FOR THE MILL 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800310	CONCEPTS OF CALCULUS 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900200	CONDUCTING AN INTERNAL AUDIT 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850190	CONFINED SPACES 190	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200210	CUTTING FLUIDS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200140	CUTTING PROCESSES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200220	CUTTING TOOL MATERIALS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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200200	CUTTING VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410130	DIE BENDING OPERATIONS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400130	DIE COMPONENTS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
470125	END EFFECTORS 125	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500210	FERROUS METALS AND ALLOYS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100210	FIXTURE DESIGN BASICS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250120	GRINDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250200	GRINDING VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850145	HAND AND POWER TOOL SAFETY 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350260	HARDNESS TESTING 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500230	HEAT TREATMENT OF STEEL 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
200310	HIGH-SPEED MACHINING 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300100	HISTORY AND DEFINITION OF CNC 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800230	INTERPRETING BLUEPRINTS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250100	INTRO TO ABRASIVES 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700100	INTRO TO ASSEMBLY 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
600100	INTRO TO EDM 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700130	INTRO TO FASTENER ERGONOMICS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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700110	INTRO TO FASTENER THREADS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350200	INTRO TO GD&T 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
470110	INTRO TO ROBOTICS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
200160	INTRO TO SCREW MACHINING 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900170	INTRO TO SIX SIGMA 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900140	INTRO TO SUPPLY CHAIN MANAGEMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100104	INTRO TO WORKHOLDING 104	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900110	ISO 9000 OVERVIEW 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350115	LINEAR INSTRUMENT CHARACTERISTICS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100107	LOCATING DEVICES 107	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850130	LOCKOUT/TAGOUT PROCEDURES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
850140	MACHINE GUARDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200130	MACHINES FOR METAL CUTTING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900320	MANAGING PRACTICES FOR TOTAL QUALITY 320	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
300110	MECHANICS OF CNC 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500150	METAL CLASSIFICATION 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
500140	METAL MANUFACTURING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200110	METAL REMOVAL PROCESSES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850165	METALWORKING FLUID SAFETY 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900230	METRICS FOR LEAN 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850170	NOISE REDUCTION AND HEARING CONSERVATION 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500220	NONFERROUS METALS AND ALLOYS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
200305	OPTIMIZING INSERT LIFE 305	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500115	OVERVIEW OF PLASTIC MATERIALS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500145	OVERVIEW OF PLASTIC PROCESSES 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500135	OVERVIEW OF PROPERTIES FOR PLASTICS 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
300150	PART PROGRAM 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500130	PHYSICAL PROPERTIES OF METALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
500240	PLASTICS 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850210	POWERED INDUSTRIAL TRUCK SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400110	PRESS BASICS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410100	PRESS BRAKE SAFETY 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900240	PROCESS FLOW CHARTING 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700200	PROPERTIES FOR FASTENERS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
400120	PUNCH AND DIE OPERATIONS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850195	RESPIRATORY SAFETY 195	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
470140	ROBOT AXES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
470120	ROBOT COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
470115	ROBOT SAFETY 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
470240	ROBOTIC CONTROL SYSTEMS 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700105	SAFETY FOR ASSEMBLY 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850135	SAFETY FOR LIFTING DEVICES 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200115	SAFETY FOR METAL CUTTING 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660115	SAFETY FOR SOLDERING 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200155	SAWING FUNDAMENTALS 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660130	SOLDERING EQUIPMENT 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200300	SPEED AND FEED SELECTION 300	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400115	STAMPING SAFETY 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800220	STATISTICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900250	STRATEGIES FOR SETUP REDUCTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500110	STRUCTURE OF METALS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
100106	SUPPORTING AND LOCATING PRINCIPLES 106	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350140	SURFACE MEASUREMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
900150	TOTAL PRODUCTIVE MAINTENANCE OVERVIEW 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900180	TROUBLESHOOTING: IDENTIFYING PROBLEMS 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900184	TROUBLESHOOTING: TAKING CORRECTIVE ACTIONS 184	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900182	TROUBLESHOOTING: UNDERSTANDING CAUSES AND EFFECTS 182	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700210	UNDERSTANDING TORQUE 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900305	VALUE STREAM MAPPING: THE FUTURE STATE 305	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900300	VALUE STREAM MAPPING: THE PRESENT STATE 300	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
470250	VISION SYSTEMS 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850180	WALKING AND WORKING SURFACES 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650110	WHAT IS ARC WELDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200120	WHAT IS CUTTING? 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250110	WHAT IS GRINDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660110	WHAT IS SOLDERING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
INDUSTRIAL SALES							
900155	5S OVERVIEW 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650120	ARC WELDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300130	BASICS OF THE CNC MACHINING CENTER 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300135	BASICS OF THE CNC SWISS-TYPE LATHE 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300120	BASICS OF THE CNC TURNING CENTER 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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150115	BASICS OF THE ENGINE LATHE 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150110	BASICS OF THE MANUAL MILL 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300160	CAD/CAM OVERVIEW 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200230	CARBIDE GRADE SELECTION 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500250	CERAMICS 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
100110	CHUCKS, COLLETS, AND VISES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100108	CLAMPING BASICS 108	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200210	CUTTING FLUIDS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200140	CUTTING PROCESSES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200220	CUTTING TOOL MATERIALS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400130	DIE COMPONENTS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650140	ELECTRICAL POWER FOR ARC WELDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550110	ELECTRICAL UNITS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560110	FORCES OF MACHINES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
250120	GRINDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250220	GRINDING WHEEL GEOMETRY 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250210	GRINDING WHEEL MATERIALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
300100	HISTORY AND DEFINITION OF CNC 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250100	INTRO TO ABRASIVES 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700100	INTRO TO ASSEMBLY 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550120	INTRO TO CIRCUITS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
600100	INTRO TO EDM 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570100	INTRO TO FLUID SYSTEMS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
570120	INTRO TO HYDRAULIC COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
560100	INTRO TO MECHANICAL SYSTEMS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450200	INTRO TO PLCS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570125	INTRO TO PNEUMATIC COMPONENTS 125	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
470110	INTRO TO ROBOTICS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
900140	INTRO TO SUPPLY CHAIN MANAGEMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100104	INTRO TO WORKHOLDING 104	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900110	ISO 9000 OVERVIEW 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350115	LINEAR INSTRUMENT CHARACTERISTICS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100107	LOCATING DEVICES 107	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200130	MACHINES FOR METAL CUTTING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
300110	MECHANICS OF CNC 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
500150	METAL CLASSIFICATION 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
500140	METAL MANUFACTURING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
200110	METAL REMOVAL PROCESSES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
700125	OVERVIEW OF NON-THREADED FASTENERS 125	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
700117	OVERVIEW OF THREADED FASTENERS 117	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
650207	OXYFUEL WELDING APPLICATIONS 207	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
500130	PHYSICAL PROPERTIES OF METALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
500240	PLASTICS 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
560120	POWER TRANSMISSION COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
400110	PRESS BASICS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
410110	PRESS BRAKE COMPONENTS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
400120	PUNCH AND DIE OPERATIONS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
660130	SOLDERING EQUIPMENT 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
500110	STRUCTURE OF METALS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
100106	SUPPORTING AND LOCATING PRINCIPLES 106	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570110	THE FORCES OF FLUID POWER 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
700120	TOOLS FOR THREADED FASTENERS 120	SELF-PACED	01/2010-12/2010	90 MIN	0	0	NON-ACADEMIC
650110	WHAT IS ARC WELDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200120	WHAT IS CUTTING? 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250110	WHAT IS GRINDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650100	WHAT IS OXYFUEL WELDING? 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660110	WHAT IS SOLDERING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
SALES ENGINEER							
900155	5S OVERVIEW 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200250	ANSI INSERT SELECTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900120	APPROACHES TO MAINTENANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650120	ARC WELDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300130	BASICS OF THE CNC MACHINING CENTER 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300135	BASICS OF THE CNC SWISS-TYPE LATHE 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300120	BASICS OF THE CNC TURNING CENTER 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150115	BASICS OF THE ENGINE LATHE 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150110	BASICS OF THE MANUAL MILL 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560210	BEARING APPLICATIONS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560230	BELT DRIVE APPLICATIONS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300160	CAD/CAM OVERVIEW 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200230	CARBIDE GRADE SELECTION 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900160	CELL DESIGN AND PULL SYSTEMS 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500250	CERAMICS 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
100110	CHUCKS, COLLETS, AND VISES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100108	CLAMPING BASICS 108	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560250	CLUTCH AND BRAKE APPLICATIONS 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300140	CNC COORDINATES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300200	CNC MANUAL OPERATIONS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300210	CNC OFFSETS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300225	CNC SPECS FOR THE LATHE 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300220	CNC SPECS FOR THE MILL 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200210	CUTTING FLUIDS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200140	CUTTING PROCESSES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200220	CUTTING TOOL MATERIALS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200200	CUTTING VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
550140	DC CIRCUIT COMPONENTS 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460230	DC MOTOR APPLICATIONS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410130	DIE BENDING OPERATIONS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400130	DIE COMPONENTS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200247	DRILL GEOMETRY 247	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650140	ELECTRICAL POWER FOR ARC WELDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550110	ELECTRICAL UNITS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650270	ELECTRODE SELECTION 270	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500210	FERROUS METALS AND ALLOYS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560110	FORCES OF MACHINES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
560245	GEAR APPLICATIONS 245	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560240	GEAR GEOMETRY 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250120	GRINDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250200	GRINDING VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250220	GRINDING WHEEL GEOMETRY 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250210	GRINDING WHEEL MATERIALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400230	GUIDING SYSTEM COMPONENTS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450210	HARDWARE FOR PLCS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200310	HIGH-SPEED MACHINING 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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300100	HISTORY AND DEFINITION OF CNC 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570200	HYDRAULIC POWER VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
250100	INTRO TO ABRASIVES 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700100	INTRO TO ASSEMBLY 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550120	INTRO TO CIRCUITS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
600100	INTRO TO EDM 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
460200	INTRO TO ELECTRIC MOTORS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570100	INTRO TO FLUID SYSTEMS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
350200	INTRO TO GD&T 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570120	INTRO TO HYDRAULIC COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
560100	INTRO TO MECHANICAL SYSTEMS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450200	INTRO TO PLCS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570125	INTRO TO PNEUMATIC COMPONENTS 125	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
470110	INTRO TO ROBOTICS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
900170	INTRO TO SIX SIGMA 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900140	INTRO TO SUPPLY CHAIN MANAGEMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100104	INTRO TO WORKHOLDING 104	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900110	ISO 9000 OVERVIEW 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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660230	LEAD-FREE SOLDERING 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350115	LINEAR INSTRUMENT CHARACTERISTICS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100107	LOCATING DEVICES 107	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200130	MACHINES FOR METAL CUTTING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
300110	MECHANICS OF CNC 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500150	METAL CLASSIFICATION 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500140	METAL MANUFACTURING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200110	METAL REMOVAL PROCESSES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900230	METRICS FOR LEAN 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200245	MILLING GEOMETRY 245	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
450270	NETWORKING FOR PLCS 270	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500220	NONFERROUS METALS AND ALLOYS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
200305	OPTIMIZING INSERT LIFE 305	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700125	OVERVIEW OF NON-THREADED FASTENERS 125	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500145	OVERVIEW OF PLASTIC PROCESSES 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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700117	OVERVIEW OF THREADED FASTENERS 117	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650207	OXYFUEL WELDING APPLICATIONS 207	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500130	PHYSICAL PROPERTIES OF METALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
650265	PLASMA CUTTING 265	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500240	PLASTICS 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
570205	PNEUMATIC POWER VARIABLES 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
560120	POWER TRANSMISSION COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400110	PRESS BASICS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410110	PRESS BRAKE COMPONENTS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410220	PRESS BRAKE SPECIFICATIONS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500255	PRINCIPLES OF INJECTION MOLDING 255	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500265	PRINCIPLES OF THERMOFORMING 265	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700200	PROPERTIES FOR FASTENERS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400120	PUNCH AND DIE OPERATIONS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
470120	ROBOT COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
470115	ROBOT SAFETY 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660210	SOLDER AND FLUX SELECTION 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660200	SOLDERING APPLICATIONS 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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660130	SOLDERING EQUIPMENT 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200300	SPEED AND FEED SELECTION 300	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560220	SPRING APPLICATIONS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400235	STRIPPER SYSTEM COMPONENTS 235	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500110	STRUCTURE OF METALS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
100106	SUPPORTING AND LOCATING PRINCIPLES 106	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570110	THE FORCES OF FLUID POWER 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
460340	TIMERS AND COUNTERS 340	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200240	TOOL GEOMETRY 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200260	TOOLHOLDERS FOR TURNING 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
700120	TOOLS FOR THREADED FASTENERS 120	SELF-PACED	01/2010-12/2010	90 MIN	0	0	NON-ACADEMIC
900150	TOTAL PRODUCTIVE MAINTENANCE OVERVIEW 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700210	UNDERSTANDING TORQUE 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650110	WHAT IS ARC WELDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200120	WHAT IS CUTTING? 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250110	WHAT IS GRINDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650100	WHAT IS OXYFUEL WELDING? 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660110	WHAT IS SOLDERING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
	PRESS OPERATOR		01/2010-12/2010				
900155	5S OVERVIEW 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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900120	APPROACHES TO MAINTENANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350130	BASICS OF THE OPTICAL COMPARATOR 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850115	BLOODBORNE PATHOGENS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350210	CALIBRATION FUNDAMENTALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900160	CELL DESIGN AND PULL SYSTEMS 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400140	COIL HANDLING EQUIPMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400250	COIL LOADING PROCEDURES 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900200	CONDUCTING AN INTERNAL AUDIT 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400130	DIE COMPONENTS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400200	DIE CUTTING VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400300	DIE SETTING PROCEDURES 300	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500210	FERROUS METALS AND ALLOYS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800185	GEOMETRY: CIRCLES AND POLYGONS 185	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800155	GEOMETRY: LINES AND ANGLES 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800165	GEOMETRY: TRIANGLES 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS

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400230	GUIDING SYSTEM COMPONENTS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850145	HAND AND POWER TOOL SAFETY 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300100	HISTORY AND DEFINITION OF CNC 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350240	HOLE INSPECTION 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350230	INSPECTING WITH OPTICAL COMPARATORS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800230	INTERPRETING BLUEPRINTS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350200	INTRO TO GD&T 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580110	INTRO TO MACHINE RIGGING 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900110	ISO 9000 OVERVIEW 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580130	LIFTING AND MOVING EQUIPMENT 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350115	LINEAR INSTRUMENT CHARACTERISTICS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850130	LOCKOUT/TAGOUT PROCEDURES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
850140	MACHINE GUARDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE

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300110	MECHANICS OF CNC 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850165	METALWORKING FLUID SAFETY 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400220	MONITORING PRESS OPERATIONS 220	SELF-PACED	01/2010-12/2010	90 MIN	0	0	NON-ACADEMIC
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850170	NOISE REDUCTION AND HEARING CONSERVATION 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500220	NONFERROUS METALS AND ALLOYS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
350150	OVERVIEW OF THREADS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850210	POWERED INDUSTRIAL TRUCK SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400110	PRESS BASICS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400120	PUNCH AND DIE OPERATIONS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580120	RIGGING EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580210	RIGGING INSPECTION AND SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580220	RIGGING MECHANICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850135	SAFETY FOR LIFTING DEVICES 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800200	SHOP ALGEBRA OVERVIEW 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800210	SHOP TRIG OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900210	SPC OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400115	STAMPING SAFETY 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
800220	STATISTICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
400235	STRIPPER SYSTEM COMPONENTS 235	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500110	STRUCTURE OF METALS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
350250	THREAD INSPECTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900150	TOTAL PRODUCTIVE MAINTENANCE OVERVIEW 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800205	TRIG: PYTHAGOREAN THEOREM 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800215	TRIG: SINE, COSINE, AND TANGENT 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900180	TROUBLESHOOTING: IDENTIFYING PROBLEMS 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900184	TROUBLESHOOTING: TAKING CORRECTIVE ACTIONS 184	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900182	TROUBLESHOOTING: UNDERSTANDING CAUSES AND EFFECTS 182	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850180	WALKING AND WORKING SURFACES 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
PRODUCTION GRINDER							
900155	5S OVERVIEW 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850115	BLOODBORNE PATHOGENS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250260	CENTERLESS GRINDER OPERATION 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100110	CHUCKS, COLLETS, AND VISES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100108	CLAMPING BASICS 108	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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300140	CNC COORDINATES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250250	CYLINDRICAL GRINDER OPERATION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250230	DRESSING AND TRUING 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500210	FERROUS METALS AND ALLOYS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800185	GEOMETRY: CIRCLES AND POLYGONS 185	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800155	GEOMETRY: LINES AND ANGLES 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800165	GEOMETRY: TRIANGLES 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
250120	GRINDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250200	GRINDING VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250220	GRINDING WHEEL GEOMETRY 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250210	GRINDING WHEEL MATERIALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850145	HAND AND POWER TOOL SAFETY 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300100	HISTORY AND DEFINITION OF CNC 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800230	INTERPRETING BLUEPRINTS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250100	INTRO TO ABRASIVES 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580110	INTRO TO MACHINE RIGGING 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
100104	INTRO TO WORKHOLDING 104	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900110	ISO 9000 OVERVIEW 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580130	LIFTING AND MOVING EQUIPMENT 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350115	LINEAR INSTRUMENT CHARACTERISTICS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100107	LOCATING DEVICES 107	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850130	LOCKOUT/TAGOUT PROCEDURES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
850140	MACHINE GUARDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
300110	MECHANICS OF CNC 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500150	METAL CLASSIFICATION 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200110	METAL REMOVAL PROCESSES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850165	METALWORKING FLUID SAFETY 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850170	NOISE REDUCTION AND HEARING CONSERVATION 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500220	NONFERROUS METALS AND ALLOYS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
500130	PHYSICAL PROPERTIES OF METALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850210	POWERED INDUSTRIAL TRUCK SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580120	RIGGING EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580210	RIGGING INSPECTION AND SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580220	RIGGING MECHANICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850135	SAFETY FOR LIFTING DEVICES 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800200	SHOP ALGEBRA OVERVIEW 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800210	SHOP TRIG OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
500110	STRUCTURE OF METALS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
100106	SUPPORTING AND LOCATING PRINCIPLES 106	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250240	SURFACE GRINDER OPERATION 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350140	SURFACE MEASUREMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900150	TOTAL PRODUCTIVE MAINTENANCE OVERVIEW 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800205	TRIG: PYTHAGOREAN THEOREM 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800215	TRIG: SINE, COSINE, AND TANGENT 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900180	TROUBLESHOOTING: IDENTIFYING PROBLEMS 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900184	TROUBLESHOOTING: TAKING CORRECTIVE ACTIONS 184	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900182	TROUBLESHOOTING: UNDERSTANDING CAUSES AND EFFECTS 182	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850180	WALKING AND WORKING SURFACES 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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250110	WHAT IS GRINDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
QUALITY/LEAN MANAGER							
900155	5S OVERVIEW 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900120	APPROACHES TO MAINTENANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900255	APPROACHES TO QUALITY MANAGEMENT 255	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650120	ARC WELDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
950140	BASICS OF MANUFACTURING COSTS 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350120	BASICS OF THE CMM 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300130	BASICS OF THE CNC MACHINING CENTER 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300135	BASICS OF THE CNC SWISS-TYPE LATHE 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300120	BASICS OF THE CNC TURNING CENTER 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150115	BASICS OF THE ENGINE LATHE 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150110	BASICS OF THE MANUAL MILL 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410120	BENDING FUNDAMENTALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850115	BLOODBORNE PATHOGENS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300160	CAD/CAM OVERVIEW 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350210	CALIBRATION FUNDAMENTALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
900160	CELL DESIGN AND PULL SYSTEMS 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300140	CNC COORDINATES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900200	CONDUCTING AN INTERNAL AUDIT 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900260	CONDUCTING KAIZEN EVENTS 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
950155	CONFLICT RESOLUTION FOR DIFFERENT GROUPS 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
950150	CONFLICT RESOLUTION PRINCIPLES 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200140	CUTTING PROCESSES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410130	DIE BENDING OPERATIONS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
950120	ESSENTIALS OF COMMUNICATION 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	COMMUNICATION ARTS
950110	ESSENTIALS OF LEADERSHIP 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250120	GRINDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
950215	HARASSMENT AND DISCRIMINATION 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350260	HARDNESS TESTING 260	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300100	HISTORY AND DEFINITION OF CNC 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350310	INTERPRETING GD&T 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250100	INTRO TO ABRASIVES 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700100	INTRO TO ASSEMBLY 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700130	INTRO TO FASTENER ERGONOMICS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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350200	INTRO TO GD&T 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
950145	INTRO TO MANAGERIAL ACCOUNTING 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900170	INTRO TO SIX SIGMA 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900140	INTRO TO SUPPLY CHAIN MANAGEMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100104	INTRO TO WORKHOLDING 104	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900110	ISO 9000 OVERVIEW 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350115	LINEAR INSTRUMENT CHARACTERISTICS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850130	LOCKOUT/TAGOUT PROCEDURES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
200130	MACHINES FOR METAL CUTTING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
950130	MANAGING PERFORMANCE: BEST PRACTICES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
950135	MANAGING PERFORMANCE: CORRECTIVE ACTIONS 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900320	MANAGING PRACTICES FOR TOTAL QUALITY 320	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
950210	MANAGING THE DIVERSE WORKPLACE 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SOCIAL SCIENCE
350300	MEASURING SYSTEM ANALYSIS 300	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
300110	MECHANICS OF CNC 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500140	METAL MANUFACTURING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
200110	METAL REMOVAL PROCESSES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900230	METRICS FOR LEAN 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
950230	PERFORMANCE MANAGEMENT AND THE LAW 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400110	PRESS BASICS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900240	PROCESS FLOW CHARTING 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400120	PUNCH AND DIE OPERATIONS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900310	SIX SIGMA GOALS AND TOOLS 310	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900210	SPC OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800220	STATISTICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900250	STRATEGIES FOR SETUP REDUCTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100106	SUPPORTING AND LOCATING PRINCIPLES 106	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350140	SURFACE MEASUREMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
950160	TEAM LEADERSHIP 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900150	TOTAL PRODUCTIVE MAINTENANCE OVERVIEW 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900180	TROUBLESHOOTING: IDENTIFYING PROBLEMS 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900184	TROUBLESHOOTING: TAKING CORRECTIVE ACTIONS 184	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900182	TROUBLESHOOTING: UNDERSTANDING CAUSES AND EFFECTS 182	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
900220	TS 16949:2002 OVERVIEW 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900305	VALUE STREAM MAPPING: THE FUTURE STATE 305	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900300	VALUE STREAM MAPPING: THE PRESENT STATE 300	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650110	WHAT IS ARC WELDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200120	WHAT IS CUTTING? 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250110	WHAT IS GRINDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
MANUFACTURING SURVEY							
900155	5S OVERVIEW 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
470130	APPLICATIONS FOR ROBOTS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
900120	APPROACHES TO MAINTENANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650120	ARC WELDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
670120	BASICS OF THE BONDING PROCESS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300130	BASICS OF THE CNC MACHINING CENTER 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300120	BASICS OF THE CNC TURNING CENTER 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150115	BASICS OF THE ENGINE LATHE 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150110	BASICS OF THE MANUAL MILL 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410120	BENDING FUNDAMENTALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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200140	CUTTING PROCESSES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550140	DC CIRCUIT COMPONENTS 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410130	DIE BENDING OPERATIONS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400130	DIE COMPONENTS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550110	ELECTRICAL UNITS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560110	FORCES OF MACHINES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
250120	GRINDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300100	HISTORY AND DEFINITION OF CNC 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250100	INTRO TO ABRASIVES 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
670110	INTRO TO ADHESIVE BONDING 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700100	INTRO TO ASSEMBLY 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
550120	INTRO TO CIRCUITS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
600100	INTRO TO EDM 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570100	INTRO TO FLUID SYSTEMS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
570120	INTRO TO HYDRAULIC COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580110	INTRO TO MACHINE RIGGING 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
560100	INTRO TO MECHANICAL SYSTEMS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570125	INTRO TO PNEUMATIC COMPONENTS 125	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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470110	INTRO TO ROBOTICS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	SCIENCE/TECHNOLOGY
900140	INTRO TO SUPPLY CHAIN MANAGEMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100104	INTRO TO WORKHOLDING 104	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900110	ISO 9000 OVERVIEW 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200130	MACHINES FOR METAL CUTTING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
300110	MECHANICS OF CNC 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500140	METAL MANUFACTURING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200110	METAL REMOVAL PROCESSES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500115	OVERVIEW OF PLASTIC MATERIALS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500145	OVERVIEW OF PLASTIC PROCESSES 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650130	OVERVIEW OF WELD TYPES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560120	POWER TRANSMISSION COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400110	PRESS BASICS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410110	PRESS BRAKE COMPONENTS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400120	PUNCH AND DIE OPERATIONS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580120	RIGGING EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660130	SOLDERING EQUIPMENT 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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100106	SUPPORTING AND LOCATING PRINCIPLES 106	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350140	SURFACE MEASUREMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700120	TOOLS FOR THREADED FASTENERS 120	SELF-PACED	01/2010-12/2010	90 MIN	0	0	NON-ACADEMIC
900150	TOTAL PRODUCTIVE MAINTENANCE OVERVIEW 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
670140	TYPES OF ADHESIVES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650110	WHAT IS ARC WELDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200120	WHAT IS CUTTING? 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250110	WHAT IS GRINDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
650100	WHAT IS OXYFUEL WELDING? 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
660110	WHAT IS SOLDERING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
NIMS							
350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150115	BASICS OF THE ENGINE LATHE 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150110	BASICS OF THE MANUAL MILL 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150210	BENCHWORK AND LAYOUT OPERATIONS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
100110	CHUCKS, COLLETS, AND VISES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400140	COIL HANDLING EQUIPMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200210	CUTTING FLUIDS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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200140	CUTTING PROCESSES 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200220	CUTTING TOOL MATERIALS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200200	CUTTING VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400200	DIE CUTTING VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250230	DRESSING AND TRUING 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200247	DRILL GEOMETRY 247	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150225	ENGINE LATHE OPERATION 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850155	FLAMMABLE/COMBUSTIBLE LIQUIDS 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800185	GEOMETRY: CIRCLES AND POLYGONS 185	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800155	GEOMETRY: LINES AND ANGLES 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800165	GEOMETRY: TRIANGLES 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
250120	GRINDING PROCESSES 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250200	GRINDING VARIABLES 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250210	GRINDING WHEEL MATERIALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850145	HAND AND POWER TOOL SAFETY 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300100	HISTORY AND DEFINITION OF CNC 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350240	HOLE INSPECTION 240	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150230	HOLEMAKING ON THE MILL 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
800230	INTERPRETING BLUEPRINTS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850130	LOCKOUT/TAGOUT PROCEDURES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
560130	LUBRICANT FUNDAMENTALS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200130	MACHINES FOR METAL CUTTING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150220	MANUAL MILL OPERATION 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
500150	METAL CLASSIFICATION 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850165	METALWORKING FLUID SAFETY 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200245	MILLING GEOMETRY 245	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400220	MONITORING PRESS OPERATIONS 220	SELF-PACED	01/2010-12/2010	90 MIN	0	0	NON-ACADEMIC
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150205	OVERVIEW OF ENGINE LATHE SETUP 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150200	OVERVIEW OF MANUAL MILL SETUP 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700125	OVERVIEW OF NON-THREADED FASTENERS 125	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
700117	OVERVIEW OF THREADED FASTENERS 117	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

Course Number	Course Title	Delivery Method	Course Year	Course Length	Applicable Hours	Credits Recommended	University of Phoenix Equivalency
350150	OVERVIEW OF THREADS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400110	PRESS BASICS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850135	SAFETY FOR LIFTING DEVICES 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200115	SAFETY FOR METAL CUTTING 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800170	SHOP GEOMETRY OVERVIEW 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800210	SHOP TRIG OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900210	SPC OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
200300	SPEED AND FEED SELECTION 300	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
400115	STAMPING SAFETY 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350140	SURFACE MEASUREMENT 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350250	THREAD INSPECTION 250	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
150235	THREADING ON THE ENGINE LATHE 235	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800225	TRIG: SINE BAR APPLICATIONS 225	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800215	TRIG: SINE, COSINE, AND TANGENT 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
850180	WALKING AND WORKING SURFACES 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
250110	WHAT IS GRINDING? 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
PRESS BRAKE OPERATOR							
900155	5S OVERVIEW 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900120	APPROACHES TO MAINTENANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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350110	BASIC MEASUREMENT 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800120	BASICS OF TOLERANCE 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410120	BENDING FUNDAMENTALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850115	BLOODBORNE PATHOGENS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800130	BLUEPRINT READING 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350210	CALIBRATION FUNDAMENTALS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900160	CELL DESIGN AND PULL SYSTEMS 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900200	CONDUCTING AN INTERNAL AUDIT 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410130	DIE BENDING OPERATIONS 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850150	ENVIRONMENTAL SAFETY HAZARDS 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500210	FERROUS METALS AND ALLOYS 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850110	FIRE SAFETY AND PREVENTION 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560110	FORCES OF MACHINES 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
800185	GEOMETRY: CIRCLES AND POLYGONS 185	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800155	GEOMETRY: LINES AND ANGLES 155	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800165	GEOMETRY: TRIANGLES 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
850145	HAND AND POWER TOOL SAFETY 145	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
300100	HISTORY AND DEFINITION OF CNC 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800230	INTERPRETING BLUEPRINTS 230	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350200	INTRO TO GD&T 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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570120	INTRO TO HYDRAULIC COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580110	INTRO TO MACHINE RIGGING 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500100	INTRO TO MATERIALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
850100	INTRO TO OSHA 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900110	ISO 9000 OVERVIEW 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900130	LEAN MANUFACTURING OVERVIEW 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580130	LIFTING AND MOVING EQUIPMENT 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
350115	LINEAR INSTRUMENT CHARACTERISTICS 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850130	LOCKOUT/TAGOUT PROCEDURES 130	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
850140	MACHINE GUARDING 140	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800105	MATH: FRACTIONS AND DECIMALS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800100	MATH: FUNDAMENTALS 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	0	NON-ACADEMIC
800115	MATH: UNITS OF MEASUREMENT 115	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500120	MECHANICAL PROPERTIES OF METALS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
300110	MECHANICS OF CNC 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850165	METALWORKING FLUID SAFETY 165	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850160	MSDS AND HAZARD COMMUNICATION 160	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850170	NOISE REDUCTION AND HEARING CONSERVATION 170	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
500220	NONFERROUS METALS AND ALLOYS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
410200	OPERATING THE PRESS BRAKE 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE

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850120	PERSONAL PROTECTIVE EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
560120	POWER TRANSMISSION COMPONENTS 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850210	POWERED INDUSTRIAL TRUCK SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410110	PRESS BRAKE COMPONENTS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410100	PRESS BRAKE SAFETY 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
410220	PRESS BRAKE SPECIFICATIONS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
900100	QUALITY OVERVIEW 100	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580120	RIGGING EQUIPMENT 120	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580210	RIGGING INSPECTION AND SAFETY 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
580220	RIGGING MECHANICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
570105	SAFETY FOR HYDRAULICS AND PNEUMATICS 105	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
850135	SAFETY FOR LIFTING DEVICES 135	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800200	SHOP ALGEBRA OVERVIEW 200	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800210	SHOP TRIG OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
900210	SPC OVERVIEW 210	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800220	STATISTICS 220	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
500110	STRUCTURE OF METALS 110	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	PHYSICAL/BIOLOGICAL SCIENCE
900150	TOTAL PRODUCTIVE MAINTENANCE OVERVIEW 150	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ELECTIVE
800205	TRIG: PYTHAGOREAN THEOREM 205	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS
800215	TRIG: SINE, COSINE, AND TANGENT 215	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	MATHEMATICS

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900180	TROUBLESHOOTING: IDENTIFYING PROBLEMS 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
900184	TROUBLESHOOTING: TAKING CORRECTIVE ACTIONS 184	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
900182	TROUBLESHOOTING: UNDERSTANDING CAUSES AND EFFECTS 182	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE
850180	WALKING AND WORKING SURFACES 180	SELF-PACED	01/2010-12/2010	90 MIN	1.5	COMBINABLE	INTERDISCIPLINARY/ ELECTIVE