

# 2021-2022

## ADDENDUM

### CREDIT CLASSES

## MANUFACTURING TECHNOLOGY

#### **MFGT 100 INDUSTRIAL SAFETY**

Units: 2.00

CSU 36.00 hours lecture

Provides instruction for safe work practice in an industrial environment. Emphasis on safety philosophies, terminology, fire safety, pressurized gasses and welding, chemical and electrical hazards, in addition to the safe handling, storage, and disposal of hazardous materials.

#### **MFGT 101 PRINT READING FOR THE MACHINE TRADES**

Units: 2.00

CSU 36.00 hours lecture

*Prerequisite:* MFGT-090

Surveys the interpretation of technical drawings for machine trades. Explains print reading concepts and application, including use of sketches, multiview drawings, and line types. Covers print dimensioning from basic dimensioning through first angle projection, in addition to common assembly drawings and fasteners used in manufacturing.

#### **MFGT 102 GEOMETRIC DIMENSIONING AND TOLERANCING**

Units: 2.00

CSU 18.00 hours lecture, 54.00 hours lab

*Prerequisite:* MFGT-102

Explores the principles, techniques, and devices used within today's dimensional metrology fields including industrial measurement and instruments such as gage blocks, steel rules, calipers, micrometers, depth micrometers, dial indicators, and height gauges. Covers equipment principles, measuring techniques, and best practices for the use of dimensional measuring equipment.

#### **MFGT 103 PRINT READING FOR THE MACHINE TRADES**

CSU 18.00 hours lecture, 54.00 hours lab

*Prerequisite:* MFGT-102

Explores the principles, techniques, and devices used within today's dimensional metrology fields including industrial measurement and instruments such as gage blocks, steel rules, calipers, micrometers, depth micrometers, dial

indicators, and height gauges. Covers equipment principles, measuring techniques, and best practices for the use of dimensional measuring equipment.

#### **MFGT 104 METALLURGY FOR THE MACHINE TRADES**

Units: 2.00

CSU 36.00 hours lecture

*Prerequisite:* MFGT-103

Surveys common metals and metal alloys used in today's manufacturing industries. Covers physical and mechanical properties of ferrous and nonferrous metals for individuals working in the machine trades. Explores the basics of metal manufacturing, includes how metals and alloys are produced, and examines common testing methods used to measure and evaluate metal properties.

#### **MFGT 105 BENCHWORK AND HANDTOOL FUNDAMENTALS**

Units: 2.00

CSU 18.00 hours lecture, 54.00 hours lab

*Prerequisite:* MFGT-104

Introduces the theory and application of tools and electrically powered metalworking equipment. Emphasizes the safe use of common hand tools, bandsaws, drill presses, and grinding equipment. Prepares students for the National Institute for Metalworking Skills (NIMS) Machining Level I (Drill Press) certification exam.

#### **MFGT 106 APPLIED MANUAL MACHINING**

Units: 2.00

CSU 36.00 hours lecture, 108.00 hours lab

*Prerequisite:* MFGT-105

Capstone course that examines theory and application of the safe use of manual lathe and milling machines. Focuses on building skills in turning and milling operations to produce accurately dimensioned parts and components. Prepares students for the National Institute for Metalworking Skills (NIMS) Machining Level I (Manual Milling and Turning Operations) certification exam.

## PUBLIC SAFETY

### LAW ENFORCEMENT, POLICE DEPARTMENT ADVANCED TRAINING - (LEPD)

#### LEPD 054 GANG AWARENESS BASIC

Units: 1.00

24.00 hours lecture

Prepares all gang impact team members assigned to GED/CLEAR to gather gang-related intelligence and information, identify gang crime patterns, monitor gang activity, and implement crime suppression strategies.

#### LEPD 063 DRUG INFLUENCE 11550 H&S

Units: 0.25

8.00 hours lecture

Provides an introduction to enforcement of 11550 H/S, Under the Influence of Controlled Substance.

#### LEPD 065 ARREST AND CONTROL INSTRUCTOR PART 1

Units: 2.00

40.00 hours lecture

Provides basic concepts and method application of arrest and control techniques including joint locks, pugilistic, and ground control techniques as required by an arrest and control instructor.

#### LEPD 075 FIELD TRAINING OFFICER UPDATE

Units: 1.00

24.00 hours lecture

Covers the current skills, procedures, techniques and policies necessary to be a Field Training Officer.

#### LEPD 113 LEADERSHIP PART III

Units: 1.50

CSU 32.00 hours lecture

Presents challenges to develop and achieve personal potential and integrate the course content into daily leadership practices.

#### LEPD 122 COMMAND OFFICER DEVELOPMENT

Units: 3.50

CSU 34.00 hours lecture, 110.00 hours lab

Introduces skills necessary to effectively manage the new role and the expectation of a Commanding Officer.

## NONCREDIT CLASSES

### LIFE SKILLS

#### NC.LSKL 050 CLEANING UP YOUR CALIFORNIA CRIMINAL RECORD

20.00 – 30.00 hours

Understand your California criminal record and learn about the resources to improve your employment opportunities. This course is intended for educational purposes only and is not intended as legal advice. Formerly NC.COUN-050.

#### NC.LSKL 060 PARENTING STRATEGIES I

20.00 – 30.00 hours

Examines the principles of child development, discipline philosophies, communication, and strengthening family relationships. Formerly NC.COUN-060.

#### NC.LSKL 061 PARENTING STRATEGIES II

20.00 – 30.00 hours

Explores the responsibilities and benefits of being a good parent, including an overview of the child development theories and how to build good relationships with one's children. Additional topics include parenting styles, effective parenting strategies, and building a positive parent-child relationship. Formerly NC.COUN-061.

#### NC.LSKL 070 ANGER MANAGEMENT I

20.00 – 30.00 hours

Introduces strategies and techniques for dealing with anger and managing relationships. Topics include defining anger, assessing personality styles, and exploring strategies for managing stress. Formerly NC.COUN-070.

#### NC.LSKL 071 ANGER MANAGEMENT II

20.00 – 30.00 hours

Examines strategies and techniques for managing anger and response reactions. Learn how to improve relationships through effective communication skills while also addressing underlying causes of anger stemming from the past. Formerly NC.COUN-071.

#### NC.LSKL 080 DOMESTIC VIOLENCE I

20.00 – 30.00 hours

Examines domestic violence and different types of abuse. Topics to be covered include the signs, symptoms, and causes of abuse, including physical, emotional, psychological, sexual, financial, and digital abuse, sexual exploitation, and the cycle of violence. Formerly NC.COUN-080.

**NC.LSKL 081 DOMESTIC VIOLENCE II**

20.00 – 30.00 hours

Analyzes domestic violence and how to end the cycle of abuse. Topics to be covered include why violence occurs, signs of controlling someone, the healing process, prevention of rage, and treatment and support options. Formerly NC.COUN-081.

**NC.LSKL 090 ADDICTION AND SUBSTANCE ABUSE I**

20.00 – 30.00 hours

Introduces the concepts of addiction and substance abuse for the individual, the family and the community. Students will learn about the dynamics of addiction and evaluate one’s personal situation. Topics include: treatment options, the disease of addiction, trauma issues such as HIV/AIDS, domestic violence, sexual abuse and dislocation, the impact on family and friends, co-dependency. Formerly NC.COUN-090.

**NC.LSKL 091 ADDICTION AND SUBSTANCE ABUSE II**

20.00 – 30.00 hours

Examines drug and alcohol abuse from a sociological and psychological perspective. Students will learn about various aspects of recovery and the recovery process. Topics include: treatment options, the detox processes, and support groups. Formerly NC.COUN-091.

**PHOTOGRAPHY**

**NC.PHOT 059 LAB PRACTICES FOR THE DIGITAL DARKROOM**

24.00 hours

*Recommended Preparation: NC.PHOT-050*

Apply basic importing, processing, and printing of digital images utilizing photography lab equipment and digital darkroom facilities. It is recommended that students provide a digital camera capable of fully manual exposure and adjustment.

**NC.PHOT 099 INDEPENDENT PROJECTS IN PHOTOGRAPHY**

68.00 hours

*Recommended Preparation: NC.PHOT-050, NC-PHOT-051, and NC.PHOT-052*

Presents an introduction to the photographic industry through project development, encompassing research, drafting a proposal, revision, and completion of individual photographic projects and techniques.

**VOCATIONAL**

**NC.VOC 021C ADOBE PHOTOSHOP CERTIFICATION TRAINING III**

8.00 hours

*Recommended Preparation: NC.VOC-021B*

Provides preparation for the Adobe Certified Associate exam for Visual Design Using Adobe Photoshop CC Part 3 of 3. Introduces basic project management, output and publishing using Photoshop.

NONCREDIT