

JOURNEYPERSONS (JRYM)

JRYM 100 • BUILDING TRADES TEACHER DEVELOPMENT

Units:	5
Hours:	60 lecture per quarter (60 total per quarter)
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Letter Grade (Request for Pass/No Pass)
Repeatability:	Not Repeatable

Basic principles and techniques of how to become a teacher in the local labor union trade. Actively develop communication, leadership, and presentation skills. The community learning environment will foster individuals to work individually, in partners, and groups, to comprehensively design and facilitate lecture instruction. Instruction provided to create a course syllabus, lesson plan, evaluation tools, and integrate multi-mode learning methods. Develop and demonstrate public speaking skills in an individual and group environment.

JRYM 105 • PROJECT MANAGEMENT DEVELOPMENT FOR COMMERCIAL CONSTRUCTION LEVEL 1

Units:	2.5
Hours:	18 lecture, 36 laboratory per quarter (54 total per quarter)
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Letter Grade (Request for Pass/No Pass)
Repeatability:	Not Repeatable

In this course students will learn the roles and responsibilities of a commercial construction project manager. Students will learn topics that cover the entire life cycle of a construction project. Lecture and exercises will entail pre-construction planning, estimating, project monitoring, and project closeout.

JRYM 106 • PROJECT MANAGEMENT DEVELOPMENT FOR COMMERCIAL CONSTRUCTION LEVEL 2

Units:	2.5
Hours:	18 lecture, 36 laboratory per quarter (54 total per quarter)
Prerequisite:	JRYM 105.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Letter Grade Only
Repeatability:	Not Repeatable

In this course students will apply the concepts learned in JRYM 105 and advance their skills. These skills will enable students to obtain work in the construction market, manage risk, and negotiate changes, as well as develop and present pre-construction interviews. Students will build on topics learned in JRYM 105 to develop advanced planning, managing, monitoring, and interpersonal skills.

JRYM 153A • AIR BALANCE TEST EQUIPMENT & INSTRUMENTS FOR JOURNEYPERSONS (FIRST YEAR)

Units:	1.5
Hours:	6 lecture, 48 laboratory per quarter (54 total per quarter)
Prerequisite:	Completion of recognized sheet metal apprenticeship or equivalent and recent employment as a journeyman in the sheet metal industry.
Degree and Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Letter Grade (Request for Pass/No Pass)
Repeatability:	Not Repeatable

Development of skills necessary to use test and balance instruments and equipment for HVAC systems and automatic control systems. Use of practical mathematics and mathematical equations to measure air velocity and duct outlet, and to solve air and hydronic balancing problems.

JRYM 153B • TEMPERATURE MEASUREMENT INSTRUMENTS & DUCT SYSTEMS FOR JOURNEYPersons (FIRST YEAR)

Units: 1.5
Hours: 6 lecture, 48 laboratory per quarter (54 total per quarter)
Prerequisite: Completion of recognized sheet metal apprenticeship or equivalent and recent employment as a journeyperson in the sheet metal industry.

Degree and Credit Status: Degree-Applicable Credit Course

Status:

Foothill GE: Non-GE

Transferable: None

Grade Type: Letter Grade (Request for Pass/No Pass)

Repeatability: Not Repeatable

Continuing study of skills necessary to test and balance instruments and equipment for HVAC systems and automatic control systems. Use of practical mathematics and mathematical equations to measure air velocity and duct outlet, and to solve air and hydronic balancing problems.