



COURSE OUTLINE

STM864

Prepared: Mike King Approved: Corey Meunier

Course Code: Title	STM864: TRADE DOCUMENTATION III
Program Number: Name	6232: STEAMFITTING ADV
Department:	PIPING TRADES
Semester/Term:	18S
Course Description:	This course will serve to further enhance the apprentices knowledge of drawing and drawing fundamentals, contract documents, specifications, scheduling and organizational skills
Total Credits:	6
Hours/Week:	6
Total Hours:	48
Essential Employability Skills (EES):	<p>#1. Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience.</p> <p>#2. Respond to written, spoken, or visual messages in a manner that ensures effective communication.</p> <p>#3. Execute mathematical operations accurately.</p> <p>#4. Apply a systematic approach to solve problems.</p> <p>#5. Use a variety of thinking skills to anticipate and solve problems.</p> <p>#6. Locate, select, organize, and document information using appropriate technology and information systems.</p> <p>#7. Analyze, evaluate, and apply relevant information from a variety of sources.</p> <p>#8. Show respect for the diverse opinions, values, belief systems, and contributions of others.</p> <p>#9. Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals.</p> <p>#10. Manage the use of time and other resources to complete projects.</p> <p>#11. Take responsibility for ones own actions, decisions, and consequences.</p>
Course Evaluation:	Passing Grade: 50%, D
Other Course Evaluation & Assessment Requirements:	<p>Theory testing 35%</p> <p>Application testing 35%</p> <p>Final Assessments 30%</p> <p>Grade Definition Grade Point Equivalent</p>

A+ 90 - 100% 4.00
A 80 - 89%
B 70 - 79% 3.00
C 60 - 69% 2.00
D 50 - 59% 1.00
F (Fail)49% and below 0.00

CR (Credit) Credit for diploma requirements has been awarded.
S Satisfactory achievement in field /clinical placement or non-graded subject area.
U Unsatisfactory achievement in field/clinical placement or non-graded subject area.
X A temporary grade limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course.
NR Grade not reported to Registrar's office.
W Student has withdrawn from the course without academic penalty.

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
instructors tests	100%

Books and Required Resources:

IPT Pipe Trades Handbook by Robert A Lee
Province of Alberta by Steamfitting Modules

Course Outcomes and Learning Objectives:

Course Outcome 1.

Upon successful completion the apprentice will be able to read and interpret required diagrams and drawings.

Learning Objectives 1.

Identify process flow diagrams
Identify the major equipment piping and valves
Identify site plans
Identify isometric and orthographic piping spools and drawings
Locate and read manufacturers diagrams
Enter and calculate labor and material pick offs
Prepare steamfitters related piping job schedules
Prepare job resumes, meetingsetc.

Date:

Wednesday, April 25, 2018

Please refer to the course outline addendum on the Learning Management System for further information.