LEVEL III Theory – Practical: Five Days

Objectives: Regional OH&S regulatory requirements, CSA Standards, manufactures specifications, Scaffold components, identify the three scaffold systems, Frame and Brace, System Scaffold, & Tube and Coupler, Foundations, Ties & Buttresses, platforms, guardrail systems, load ratings, Scaffold Tagging, Project Management.
Requirements of students: Students have successfully completed the on-line portion and have received the Level II manual. Students to bring necessary safety equipment and tools to complete hands on portion. Must have a valid Fall Protection Certificate.

Hour Requirement: 4800 hours

Time _____

Session _____

Time	Instructor Activities	Learning Tasks	Resources
LEVEL III Practical: Day One			
7:30 – 8:15 AM	**Introductions** • Introduce self, background, safety requirements for building. • Course handouts, Documentation, pens, writing paper • Introduce the program as part of the scaffold training profile • Introduce students, record names, company, years' experience, what types of scaffolds they are experience in. • Agenda of activities	*In Class Discussion*	Student Book Scaffold Training Profiling Power point/Data Projector Flip Chart/white board Required scaffold material.
8:15 – 8:30 AM	**Identify Role of a Scaffolder**	*In Class Theory Discussion*	

8:30 – 9 AM	**<u>Safety, Skills</u>** Identify Regional OH&S code and the CSA Regulations regarding scaffolding (Z-797-18), Manufacturers Specifications, Personnel Protective Equipment, Hand Tools, and FLHA (Field Level Risk Assessment).	*In Class Theory Discussion* *Review Regional OH&S & CSA Standard Z797-18*	Copy of the current provincial OH&S legislation and copy of the CSA Z-797 rev.18 Standard
9:15 – 10:00 AM	**Scaffold Hazard Awareness**	*PowerPoint*	
10:00 – 10:15 AM	**Break**		
10:15 – 12:00 AM	**Review Manufacture Specifications**	*In Class Theory Discussion*	Level 1l1 Training Manual Chapter 3
12:00 – 12:30 PM	**Lunch Break**		
12:30 – 5:30 PM	Erect Tube and Clamp/Coupler structure multi bay in length and multi lift in height. Install buttress both sides, a 3 foot cantilever one side, and a push tie. Erect System structure multi bay in length and multi lift in height. Install buttress both sides, a 3 foot cantilever one side, and a push tie.	*Instructor to evaluate each student based on erection of the Tube and Coupler system.*	Standard evaluation form to be used.

LEVEL III Practical: Day Two			
7:30 – 8:30 AM	**General review of Day 1** Review the questions and answers of Chapters 2 and 3	*In Class Theory Discussion*	Chapters 2 and 3
8:30 – 10:00 AM	**Scaffold Loads**	*In Class Theory Discussion*	Chapter 4
10:00 – 10:15 AM	**Break**		
10:15 – 11:00 AM	Scaffold Ties	*In Class Theory Discussion*	Chapter 5
11:00 – 12:00 AM	Scaffold hoarding wind load calculation	*In Class Theory Discussion*	Chapter 6
12:00 – 12:30 PM	**Lunch**		
12:30 -1:30 PM	Review the system hanger drawing and the Tube and coupler cantilever drawing	*In Class Theory Discussion*	Drawing hand outs
1:30 – 5:30 PM	Divide class into two groups. One group builds and dismantles the System Hanger, and the second group builds and dismantles tube and coupler cantilever.	*Instructor to evaluate each student based on erection of the Tube and Coupler system.*	Standard evaluation form to be used.

LEVEL III Practical: Day Three			
7:30 – 8:30 AM	Review questions and answers Chapter 4,5 and 6	*In Class Theory Discussion*	Chapters 4,5,and 6
8:30 – 10:00 AM	Drawing and Blueprint Reading	*In Class Theory Discussion*	Chapter 7
10:00 - 10:15 AM	**Break**		
10:15 – 12:00 AM	Review Frame and Brace Review System Scaffold Review Tube and Clamp/Coupler	*In Class Theory Discussion* *In Class Theory Discussion* *In Class Theory Discussion*	Chapter 9 Chapter 10 Chapter 11
12:00 – 12:30 PM	**Lunch Break**		
12:30 – 4:30 PM	Install and dismantle System Hanger Install and dismantle Tube and Clamp/Coupler Cantilever	*Instructor to evaluate each student based on erection of the Tube and Coupler system.* *In class discussion* *In class discussion*	Standard evaluation form to be used. Chapter 9 Chapter 10

LEVEL III Practical: Day Four			
7:30 – 10:00 AM	Review the question and answer for the Frame and Brace manual drawing. Review the question and answer for the System Scaffold manual drawing. Review the question and answer for the Tube and Coupler manual drawing.	*In Class Theory Discussion*	Chapter 11
10:00- 10:15 AM	Break		
10:15 – 12:00 AM	**Drawing Handout ABC Masonry** Students to find the answers to a set of questions asked by instructor	*In Class Theory Discussion*	Drawing Handout
12:00 – 12:30 PM	Lunch		
12:30 – 1:30 PM	Complete question and answer for the ABC Masonry drawing.	*In Class Theory Discussion*	Drawing Handout

1:30 – 3:00 PM	Review Cantilevers	*In Class Theory Discussion*	Chapter 8
3:00 – 3:15 PM	Break		
3:15 – 5:00 PM	**Review Project Management** **Review Liability**	*In Class Theory Discussion*	Chapter 12
LEVEL III Practical: Day Five			
7:30 – 10:00 AM	General Review of all chapters	*In Class Theory Discussion*	
10:00 – 10:15 AM	**Break……**		
10:15 - finish	**Student Evaluation** **Administer the Exam**	*Complete forms* *Instructor to evaluate each student based on erection of the Tube and Coupler system.*	Standard evaluation form to be used.
Comments:			