

# Suggested DITC Course Schedule

Differences in venue availability of workshop time and other logistical factors may require a slightly different schedule to be adopted. This is acceptable providing applicable theory precedes a practical session

Day 1 -			
Session 1	Subject	Deviation	Timing
09.00 - 11.00	Introduction, Health and safety, Asset Member Forms Section 1: Conventions		Break 11.00
Session 2	Subject	Deviation	Timing
11.15 - 13.30	Section 2: Gas Laws & the Behaviour of Gases		Lunch 13.30
Session 3	Subject	Deviation	Timing
14.15 - 16.00	Section 3: Tools and Workshop Practices.		Break 16.00
Session 4	Subject	Deviation	Timing
16.15 - 17.30	Section Workshop procedures. Introduce practical inspection session and Inspection forms for tomorrow.		Finish 17.30
Homework: Read section 1 & 2 (and Exam 1 & 2 if not completed in class)			

Day 2 -			
Session 1	Subject	Deviation	Timing
09.00 - 11.00	Practical Session: Routine inspection of professional/rental/school equipment – BC's, Cylinders, Regs		Break 11.00
Session 2	Subject	Deviation	Timing
11.15 - 13.30	Practical session continued:		Lunch 13.30
Session 3	Subject	Deviation	Timing
14.15 - 16.00	Section 3: workshop procedures and common errors.		Break 16.00
Session 4	Subject	Deviation	Timing
16.15 - 17.30	Section 3: Workshop Safety Section 4: Pressure Control		Finish 17.30
Homework: Read section 3 (and Exam 3 if not completed in class)			

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Day 3 -			
Session 1	Subject	Deviation	Timing
09.00 - 11.00	Section 4: Principled of regulators & First stage types.		Break 11.00
Session 2	Subject	Deviation	Timing
11.15 - 13.30	Section 4: Second stage types.		Lunch 13.30
Session 3	Subject	Deviation	Timing
14.15 - 16.00	Section 4: Regulator performance etc.		Break 16.00
Session 4	Subject	Deviation	Timing
16.15 - 17.30	Section 4: Anti-freeze systems, etc  Section 4: Theory complete		Finish 17.30
Homework: Read section 4			

Day 4 -			
Session 1	Subject	Deviation	Timing
09.00 - 11.00	Practical session Regulator maintenance Instructor demonstration		Break 11.00
Session 2	Subject	Deviation	Timing
11.15 - 13.30	Practical session Regulator maintenance Student practice		Lunch 13.30
Session 3	Subject	Deviation	Timing
14.15 - 16.00	Practical session Regulator maintenance Student practice		Break 16.00
Session 4	Subject	Deviation	Timing
16.15 - 17.30	Practical session Regulator maintenance Student practice		Finish 17.30
Homework read section 4			

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Day 5 -			
Session 1	Subject	Deviation	Timing
09.00 - 11.00	Practical session Regulator maintenance Student practice		Break 11.00
Session 2	Subject	Deviation	Timing
11.15 - 13.30	Practical session Regulator maintenance Student practice		Lunch 13.30
Session 3	Subject	Deviation	Timing
14.15 - 16.00	Practical session Regulator maintenance Student practice & instructor demo and explain cleaning process.		Break 16.00
Session 4	Subject	Deviation	Timing
16.15 - 17.30	Section 5: BCDs, Torches Cameras, Watches and batteries.		Finish 17.30
Homework: Read section 5 (and Exam 4 if not completed in class)			

Day 6 -			
Session 1	Subject	Deviation	Timing
09.00 - 11.00	Section 5: Cylinder Valves inspection and gauging and maintenance		Break 11.00
Session 2	Subject	Deviation	Timing
11.15 - 13.30	Practical Session: Soldering, Pressure Testing, Cyl Valve inspect and Gauging, PTFE Tape. BCD and suit inflators		Lunch 13.30
Session 3	Subject	Deviation	Timing
14.15 - 16.00	Practical Session continued Practical Session		Break 16.00
Session 4	Subject	Deviation	Timing
16.15 - 17.30	Section 6: Cylinder testing		Finish 17.30

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Day 7 -			
Session 1	Subject	Deviation	Timing
09.00 - 11.00	Section 6: Cylinder testing standards and procedures.		Break 11.00
Session 2	Subject	Deviation	Timing
11.15 - 13.30	Section 6: Cylinder testing standards and procedures.		Lunch 13.30
Session 3	Subject	Deviation	Timing
14.15 - 16.00	Section 6: Rejection limits explanation in brief (more detail in Pt 2)		Break 16.00
Session 4	Subject	Deviation	Timing
16.15 - 17.30	Section 6: Hydraulic testing		Finish 17.30
Homework: Read section 6, (exam 5 if not completed in class)			

Day 8 -			
Session 1	Subject	Deviation	Timing
09.00 - 11.00	Section 6: Practical session: Cylinder Inspection, measurement methods, practice, and Hydraulic testing.		Break 11.00
Session 2	Subject	Deviation	Timing
11.15 - 13.30	Section 6: Practical session: Cylinder Inspection, measurement methods, practice, and Hydraulic testing.		Lunch 13.30
Session 3	Subject	Deviation	Timing
14.15 - 16.00	Section 6: Practical session: Cylinder Inspection, measurement methods, practice, and Hydraulic testing.		Break 16.00
Session 4	Subject	Deviation	Timing
16.15 - 17.30	Section 6: Practical session: Cylinder Inspection, measurement methods, practice, and Hydraulic testing.		Finish 17.30
Homework: read section 7, (exam 6 if not completed in class)			

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Day 9 -			
Session 1	Subject	Deviation	Timing
09.00 - 11.00	Section 8: Compressors & filtration		Break 11.00
Session 2	Subject	Deviation	Timing
11.15 - 13.30	Section 8: Compressors & Air purity testing. Practical session: Air Purity test.		Lunch 13.30
Session 3	Subject	Deviation	Timing
14.15 - 16.00	Section 8: Air Banks		Break 16.00
Session 4	Subject	Deviation	Timing
16.15 - 17.30	Section 8: Compressor controls & basic electrics		Finish 17.30
Guided Learning: Read section 8, complete quiz			

Day 10 -			
Session 1	Subject	Deviation	Timing
09.00 - 11.00	Section 8: Student practical Compressors, Air banks & Cylinder charging		Break 11.00
Session 2	Subject	Deviation	Timing
11.15 - 13.30	Section 8: Student practical Cylinder charging. Section 8: Exam		Lunch 13.30
Session 3	Subject	Deviation	Timing
14.15 - 16.00	Section 9: Trading Standards		Break 16.00
Session 4	Subject	Deviation	Timing
16.15 - 17.30	Questions and discussion Certification Course ends		Finish 17.30