



Course Syllabi

Course #	Description	Instruction (Hrs)	Activity (Hrs)	Total hrs	Remarks
100	Lean Orientation for Management	1.5	0	1.5	
101	Lean Philosophy	3	0.5	3.5	Assessment
102	The 8 Wastes	3	1	4	
103	5S Workplace Organization	2	1-8	2.5-9.5	Per activity (3S's)
104	Standardized Work	2	2	4	
105	PDCA (Problem Solving)	2	2	4	
106	TWI Job Instruction (Train the Trainer)	8	2	10	Activity hours are dependent upon size of class.
201	Error Proofing	1.5	2.5	4	Overview with project tracking
202	Quick Changeover (also known as SMED)	1.5	8-24	9.5-25.5	Pending Initial CO Time; Overview can be presented without changeover
203	TPM/PM	1.5	1.00	2.5	Complements Quick Changeover
204	Kanban/Material Control	3	TBD	TBD	
301A	Takt Time	1	0	1	
301B	Lean Layout	1	0.5	1.5	Actual collection of data from process will increase activity time.
302	Production Control Board	1	1	2	
303	Lean Operational Metrics	2	2	4	
304	CSM/FSM	2	6	8	CSM developed in class by students
400	Kaizen Projects	Varies	24-40	24 -40	Kaizen activity mixes training sessions with floor activity. Lean theme focused thereby concentrated effort of 24 hours to 40 in one week.
500	Leadership	7	3	10	
501	Six Sigma	Varies	Months	Months	Specific to a given customer or production problem usually related to quality defect. Deep dive investigation by small team.