Scientific Management Techniques

Prior Learning Assessments and Skill Gap Analysis using Hands-On Competency Based Assessment Tools

NCWE Manufacturing Skills Workshop

- Review SMT's Programs/Capabilities
- Quantifying the Changing Skill Level of the Manufacturing Workforce over the Last Four Decades
- Delivering Targeted, Data-Driven Skills Training based on Assessment Outcomes
- Measuring the Effectiveness of Mechatronics Training Programs
- Awarding Credit for Prior Learning based on Validated, Competency-Based, Hands-On Assessments

Scientific Management Techniques

Validated, "Competency-Based"

Manufacturing Skill Programs Deployed by

Fortune 500 Manufacturers Globally

Solving the Manufacturing Skills Shortage

Available in Formal Education since 2011

Hands-On, Manufacturing Skill Assessment
Programs That Identify and Measure the Skills
Required to Operate, Maintain and Troubleshoot
a Manufacturing Facility

Competency-Based Mechatronics

Curriculum Training the "Hard Skills" Required to Optimize Performance / Profitability in Industry

Programs Deployed Globally by Fortune 500 Manufacturers

































Programs Deployed Globally by Fortune 500 Manufacturers



































Programs Deployed Globally by Fortune 500 Manufacturers































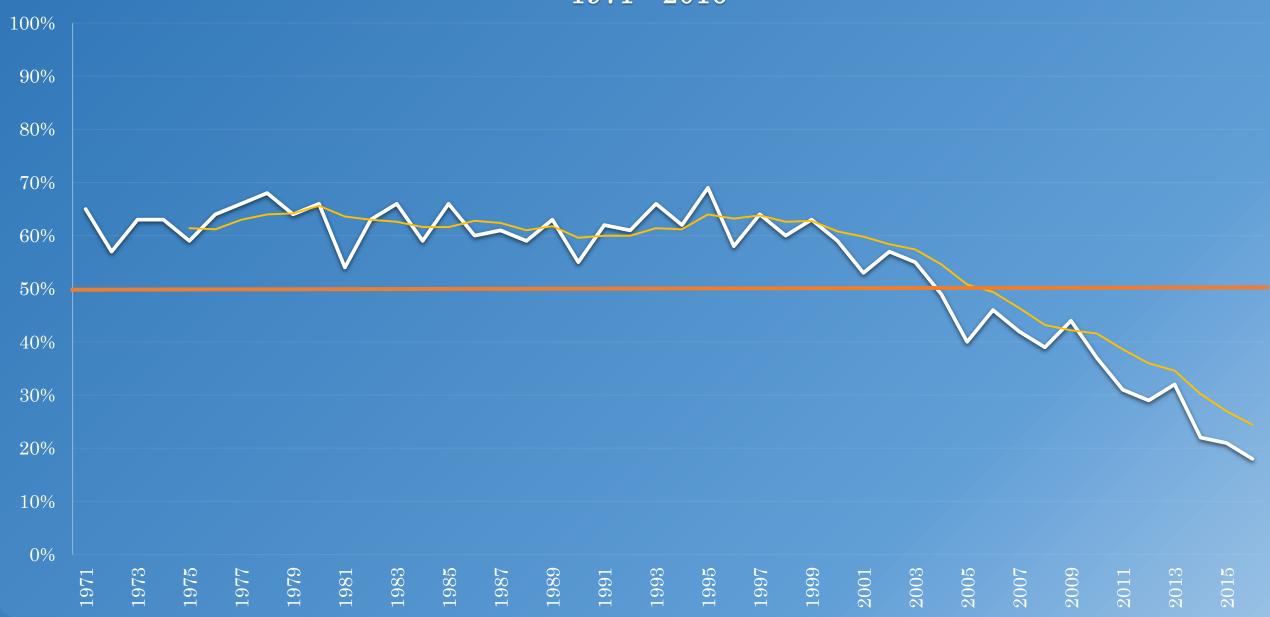




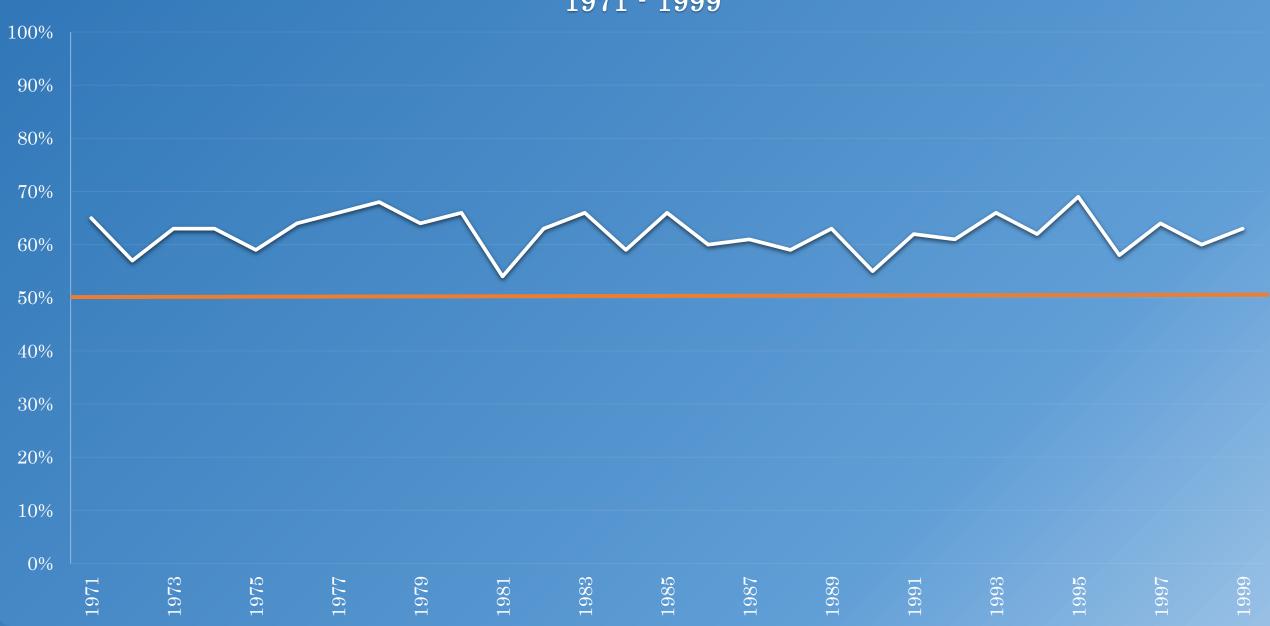
NCWE Manufacturing Skills Workshop

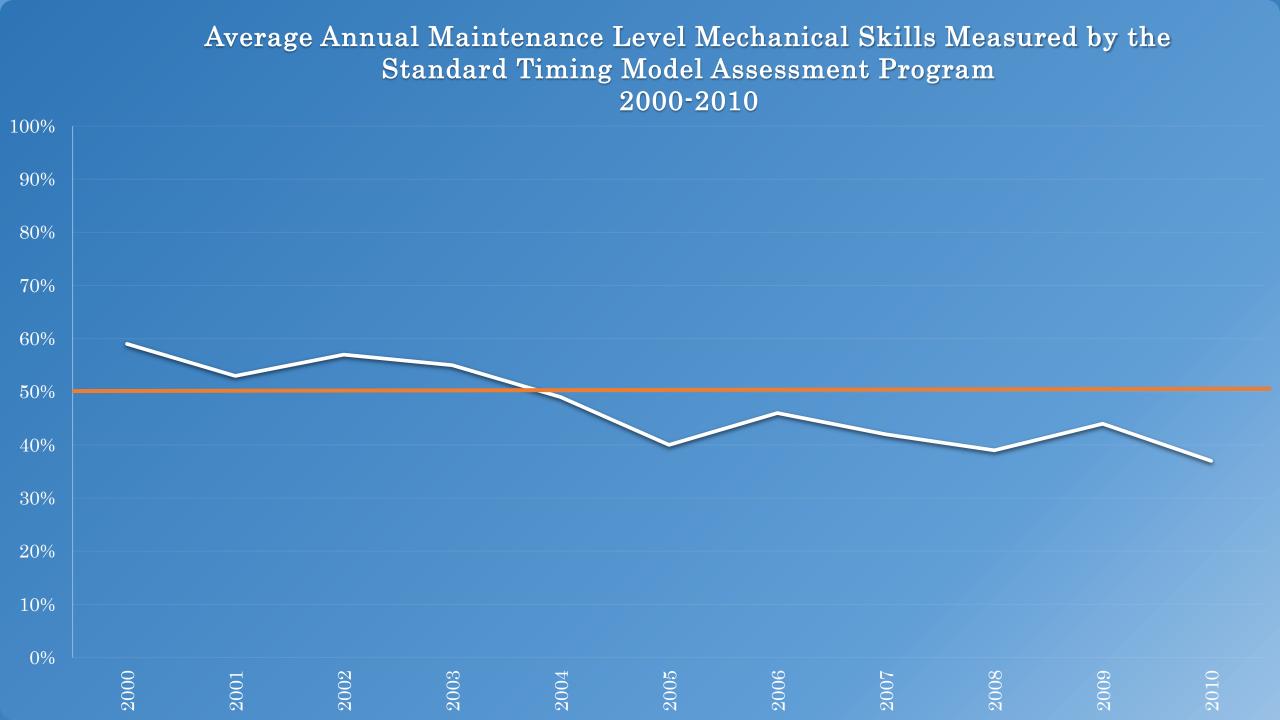
Quantifying the Changing Skill Level of the Manufacturing Workforce over the Last Four Decades

Average Annual Maintenance Level Mechanical Skills Measured by the Standard Timing Model Assessment Program
1971 - 2016





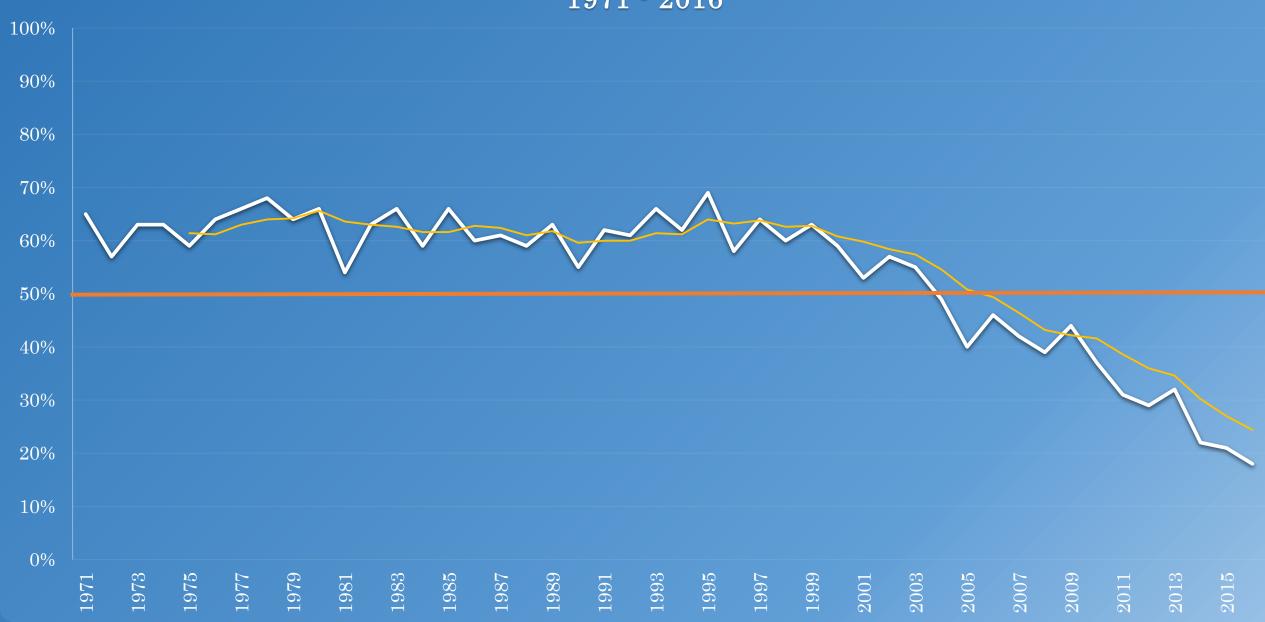




Average Annual Maintenance Level Mechanical Skills Measured by the Standard Timing Model Assessment Program 2011 - 2016



Average Annual Maintenance Level Mechanical Skills Measured by the Standard Timing Model Assessment Program
1971 - 2016



Scientific Management Techniques, INC.



	Tests	Reports	Administration	Log Off									Thurs	day, Septe	ember 29, 2016
Mach	ines All			▼ Total score			%								
Date							% Find	Show All			Record	s: 453 Page	1/1 << Fir	st < Previou	us Next> Last>>
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	Date ▼	N 1	Гуре U	City	State		Machine	Test		N	Total Score	Best Of N	Total Score	Best Of	
										P	Percentile	Percent	Time	N Time	
						Ш		STM Maintenance Ta	ask Series #1	JLL					
	09/27/201	6 N Candid	late N Flowery	y Branch	GA	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	N N	61%	46%	14.23	9.52	<u> </u>
	09/27/201	6 C Incumi	pent S Flowery	y Branch	GA	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	С		33%		10.80	
	09/26/201	6 H Candid	late N Flowery	y Branch	GA	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	Н		91%		4.95	
	09/26/201	6 R Candid	late N Flowery	y Branch	GA	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	R	22%	24%	22.56	12.29	
	09/26/201	6 Ji Incumi	pent S Flowery	y Branch	GA	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	Ji					
	09/23/201	6 R Incumi	pent S Flowery	y Branch	GA	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	R	57%	45%	15.00	9.65	
	09/22/201	6 S Incum	pent S Flowery	y Branch	GA	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	S	12%	21%	26.60	13.00	
	09/20/201	6 T Candid	date Ji Flowery	y Branch	GA	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	Т	1%	1%	37.47	24.47	
	09/20/201	6 C Candid	date Ji Flowery	y Branch	GA	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	С		0%		36.29	
	09/20/201	6 C Candid	date Ji Flowery	y Branch	GA	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	С	22%	35%	22.53	10.53	
	09/20/201	6 L Candid	date Ji Flowery	y Branch	GA	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	D	10%	9%	27.99	15.99	
	09/16/201	6 S Candid	date B Yorkville	e	IL	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	S	40%	61%	18.08	8.05	
	09/15/201	6 N Candid	date A Yorkville	e	IL	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	N	60%	50%	14.48	9.01	
	09/14/201	6 P Candid	date B Yorkville	9	IL	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	Р	57%	77%	15.07	6.40	
	09/13/201	6 S Candid	date A Yorkville	e	IL	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	S	18%	11%	23.57	15.63	
	09/09/201	6 S Candid	date B Yorkville	e	IL	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	S	14%	40%	25.07	10.07	
	09/02/201	6 K Candid	date K Yorkville	e	IL	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	K	49%	46%	16.33	9.49	
	09/02/201	6 R Candid	late S Flowery	y Branch	GA	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	R	12%	5%	26.40	17.90	
	08/31/201	6 N Incum	pent S Flowery	y Branch	GA	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	N	75%	83%	11.85	5.95	
	08/31/201	6 A Incumi	pent S Flowery	y Branch	GA	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	Α	60%	58%	14.45	8.30	
	08/31/201	6 N Incum	pent B Yorkville	9	IL	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	N	49%	55%	16.35	8.49	
	08/30/201	6 T Incumi	pent S Flowery	y Branch	GA	٧	Standard Timing Model	STM Maintenance Ta	sk Series #1	Т	85%	85%	10.35	5.70	
Ţ.	08/29/201	6 G Candid	late S Flowery	v Branch	GΑ	ν	Standard Timing Model	STM Maintenance Ta	sk Series #1	G	65%	77%	13 55	6 40	*
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Date '	Гуре	City	State	Machine	Test	Total Score Percentile	Best Of N Percentile	Total Score Time	Best Of N Time
11-Aug-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	99%	97%	5.35	3.81
23-Aug-16	Candidate	Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	93%	87%	8.75	5.4
2-Jun-16	Candidate	Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	87%	77%	9.92	6.4
30-Aug-16	Incumbent	Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	85%	85%	10.35	5.7
29-Jul-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	79%	81%	11.38	6.18
23-Aug-16	Incumbent	Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	75%	77%	11.9	6.4
31-Aug-16	Incumbent	Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	75%	83%	11.85	5.95
16-Jun-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	68%	73%	12.97	6.76
27-Sep-16	Candidate	Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	61%	46%	14.23	9.52
15-Sep-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	60%	50%	14.48	9.01
14-Sep-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	57%	77%	15.07	6.4
31-Aug-16	Incumbent	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	49%	55%	16.35	8.49
16-Sep-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	40%	61%	18.08	8.05
24-Aug-16	Candidate	Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	39%	23%	18.45	12.4
26-Aug-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	38%	28%	18.73	11.65
7-Jun-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	29%	26%	20.85	11.96
6-Jun-16	Candidate	Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	22%	67%	22.42	7.42
26-Sep-16	Candidate	Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	22%	24%	22.56	12.29
27-Jul-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	18%	22%	23.62	14.17
2-Sep-16	Candidate	Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	12%	5%	26.4	17.9
22-Sep-16	Incumbent	Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	12%	21%	26.6	13
20-Sep-16	Candidate	Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	10%	9%	27.99	15.99
24-Aug-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	5%	6%	32.56	17.56
10-Aug-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	4%	5%	33.16	18.16
13-Jul-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	3%	1%	33.82	24.27
5-Aug-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	2%	1%	34.66	22.88
22-Jul-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	1%	1%	39.32	24.32
20-Sep-16	Candidate	Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	1%	1%	37.47	24.47
19-Aug-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	0%	0%	49.5	34.5
25-Aug-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	0%	0%		
16-Aug-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	0%	0%		
3-Aug-16	Candidate	Yorkville	IL	Standard Timing Model	STM Maintenance Task Series #1	0%	4%		19.48
16-Aug-16	Candida <u>te</u>	Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	0%			9.1
13-Jun-16		Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	0%			22.14
10-Jun-16		Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	0%			
		Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	0%			
		Flowery Branch	GA	Standard Timing Model	STM Maintenance Task Series #1	0%			

NCWE Manufacturing Skills Workshop

Delivering Targeted, Data-Driven Skills Training based on Assessment Outcomes

troke – Cam Follower jming – Cam osition – Tumbackle (Rod)	STANDARD TIMING MODE Maintenance Task Series No.	
Record on this sheet all act Study Time: 6.2	nual adjustments made for each task as Study Method:	n basis for machine correction. Poor & Good Excellent
Task No. Time /	SD	OMMENTS
17.25	For (over)	562N
1.16	PC// 3.27)	
#3 255 5	mus	
2.06 7.06	79	MAN W.R.
#4 53	POIN	
7.80	B	
	1. 0 2. 5 3. 3	300

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CONFIDENTIAL TEST REPORT

SCIENTIFIC MANAGEMENT TECHNIQUES, INC.

Tom Brady - Practice

Standard Timing Model Test Results: STM Maintenance Task Series #1

Task No. 1	Task No. 2	Task No. 3	Task No. 4	Total Score	Total Best 3
Over	3.27	8.24	7.66	N/A	19.17
			Percentile Rank	N/A	4%

POTENTIAL TRAINABILITY RANGE / MECHANICAL

PERCENTILE RANGE	4 TASK RANGE POTENTIAL	3 TASK RANGE POTENTIAL
90th percentile and above	Outstanding	Very High
75th percentile and above	Very High	High
50th percentile to 74th	High	Very Good to High
40th percentile to 49th	Very Good to High	Good
25th percentile to 39th	Good	Fair at Best
15th percentile to 24th	Fair at Best	Low
1st percentile to 14th	Low	Poor

Recommendations / Comments:

No. 1	For a candidate to qualify at the Mechanical "A" level, we are recommending the candidate place
	in the 60th percentile or better for four tasks.

- No. 2 For a candidate to qualify at the Mechanical "B" level, the candidate must complete all four tasks and place in the 40th percentile or higher.
- No. 3 Comment: Torn completed three of the four assigned mechanical tasks placing in the 4th percentile for Total Best 3 Score.

Tom displayed poor mechanical troubleshooting skills.

Tom made several innapropriate adjustments. He displayed poor understanding of turnbuckles(position) and cams(timing). Suggest Volumes 5, 7, 8 and 21 from SMT's Mechatronics Curriculum.

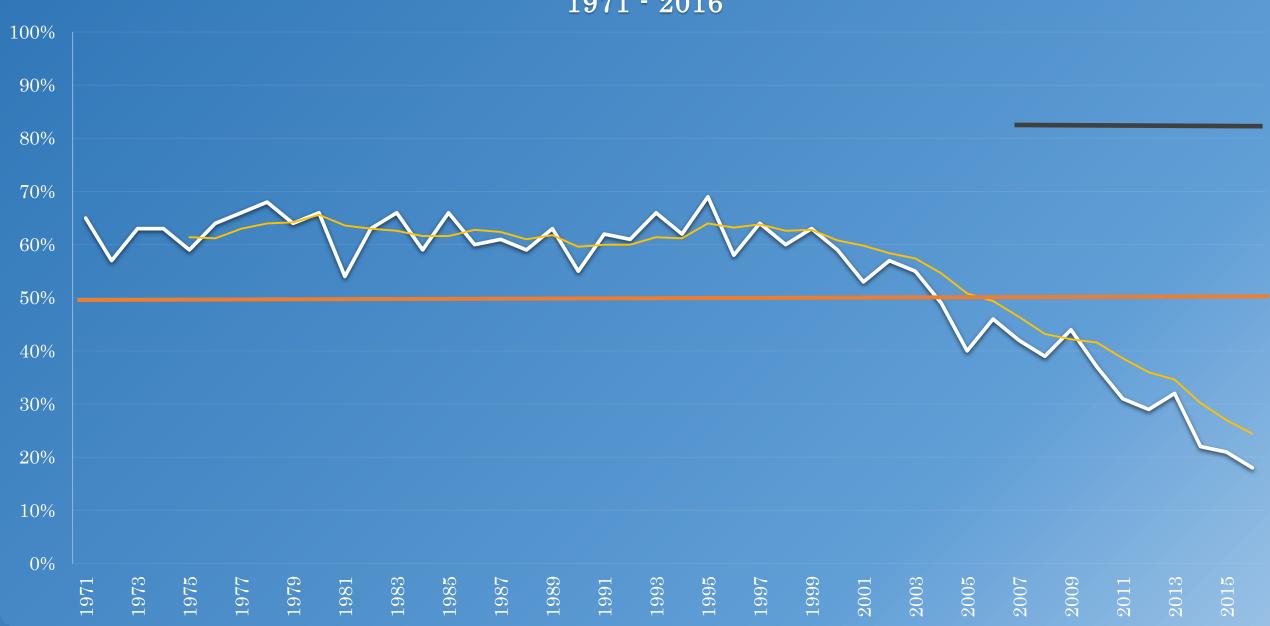
Scientific Management Techniques - Suggested Training Units

		Assessme	nt Scores		Recommend Training Units					
	Mech	anical	ESTD		V7, V8 M	V5, V7, V8 M	V9 (unit 4-8), V17 E	V9, V17 E	V22, V23 PLC	
Name		Best Three %			15 HRS	25 HRS	25 HRS	30 HRS	40 HRS	
CM	72%	64%						x	x	
SL	64%	60%						x		
RD	69%	50%						x		
MG	67%	49%		50%						
MT	58%	48%	38%	43%			x		x	
BG		48%		37%	x		x		X	
MS	62%	44%	91%	93%					x	
DD	50%	37%						x	X	
JB	50%	31%						x		
MT	16%	27%			x			x	x	
SM	40%	24%	76%	87%					x	
U	31%	23%		30%			x			
DW		23%		27%	x			x	X	
PT	28%	19%			x			x		
JC	28%	17%		30%	x		x			
SL	17%	15%	14%	17%	x		x			
DH	17%	14%		30%	x		x			
JM	24%	14%	76%	77%	x					
RW	7%	11%				X		x	x	
JR	18%	9%			x			x		
JP	12%	9%			x			x	X	
GS	15%	7%			x			x		
VG		3%				X		x		
ММ	2%	1%		7%		X		x		
DS	0%	0%				X		x		
VT	1%	0%				X		x	X	
ES				30%		x	x			
MS						X		x		
SB				33%		X	x		X	
Total Employees - 29					19 Em	ployees	25 Emp	oloyees	12 Employees	

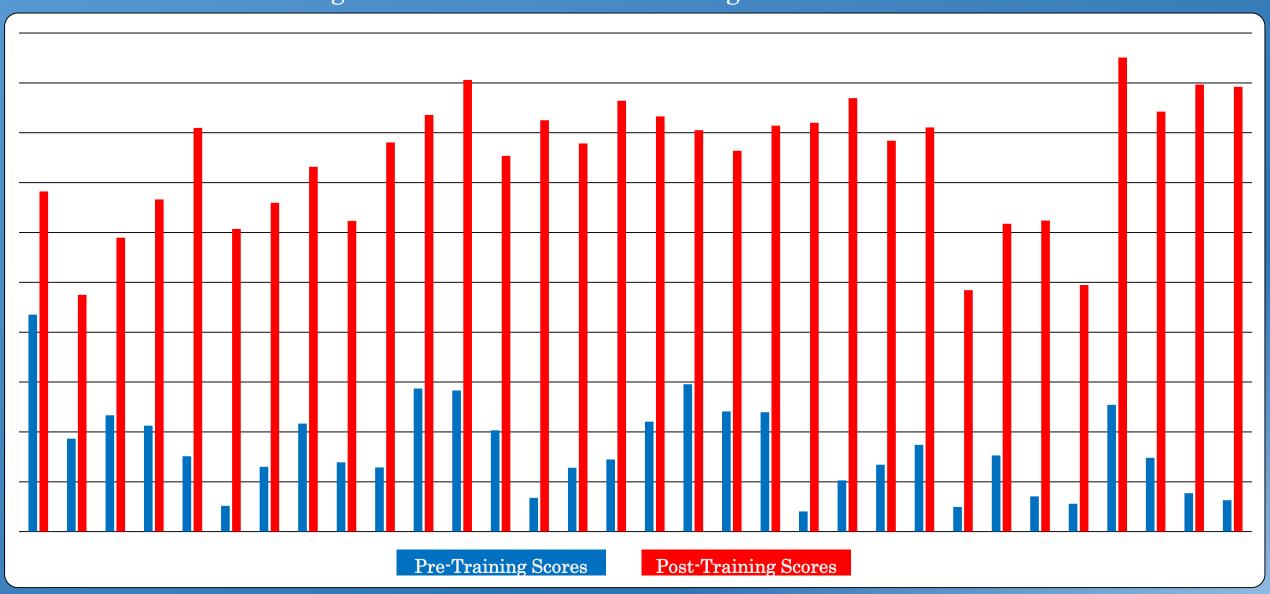
NCWE Manufacturing Skills Workshop

Measuring the Effectiveness of Mechatronics Training Programs

Average Annual Maintenance Level Mechanical Skills Measured by the Standard Timing Model Assessment Program 1971 - 2016

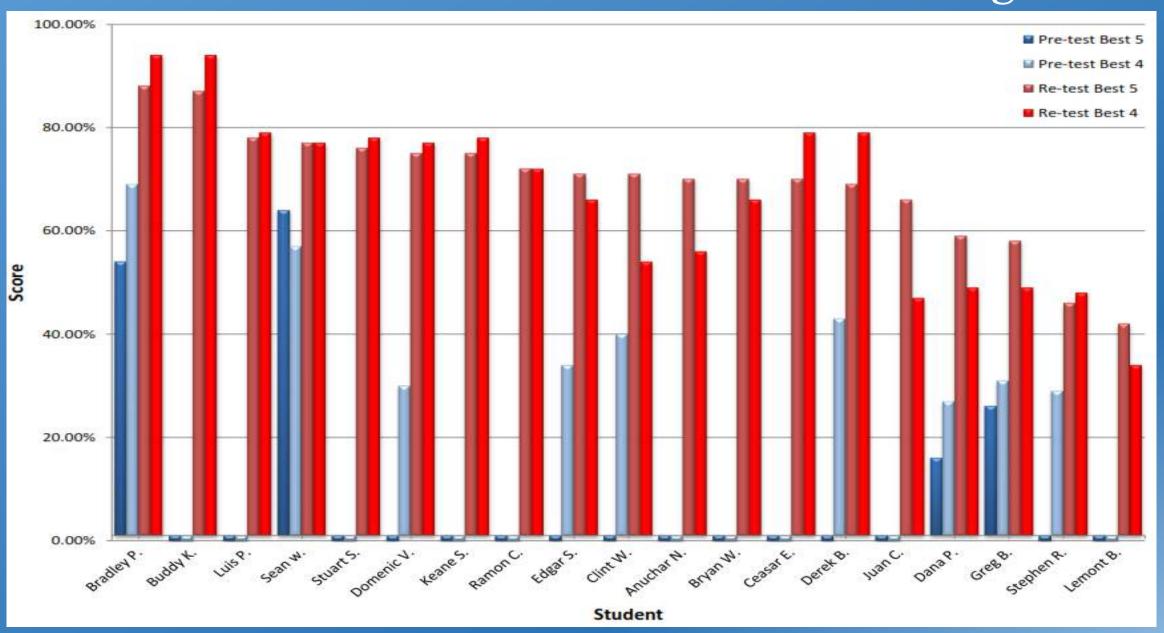


Pre Training & Post Training Mechanical Skill Assessment Scores 32 Classes, 664 Participants Average Pre-Test Score 16% -- Average Post-Test Score 74%

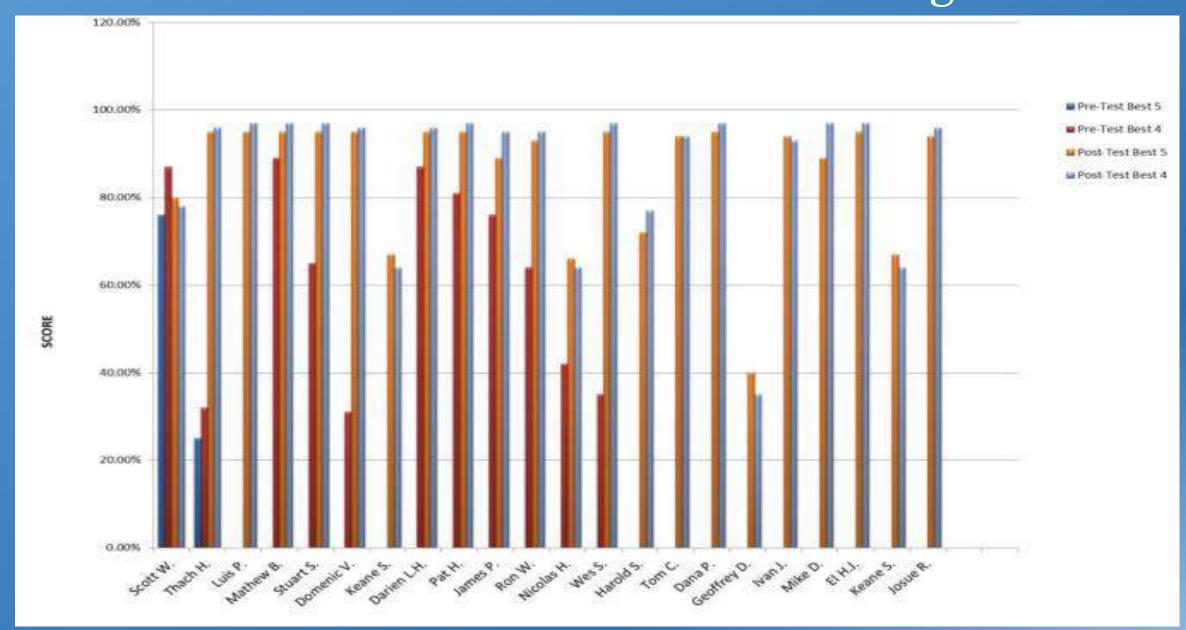


www.scientific-management.com

NYPRO 2013 Electrical Skills Training



NYPRO 2013 PLC Skills Training



Measuring the Impact of SMT's Skill Training Program

Output or Production

- By Employee
- By Line
- By Shift
- By Cell

Unit: Output or production by unit of measure, (Units/Shift)

Direction: Maximize

Total Output by Unit of Capacity

AVG Improvement 27%



Maintenance Overtime

- By Employee
- By Line
- By Shift
- By Cell

Unit: OT Hours Incurred

Direction: Minimize

Total Number of Overtime Hours by Unit

AVG Improvement (decrease in overtime) 59%



Measuring the Impact of SMT's Skill Training Program



NCWE Manufacturing Skills Workshop

Awarding Credit for Prior Learning based on Validated, Competency-Based, Hands-On Assessments

American Council on Education®, ACE CREDIT® Recommends College Credit for SMT's Assessment Program and Mechatronics Training Curriculum

ACE CREDIT®

Prior Learning Assessments

Using SMT's Hands-On Validated Assessment Machines and Methodology

www.scientific-management.com

SMT's Hands-On Competency-Based Assessment Program has been Validated Thirty-Eight Times by Industrial/ Organizational PhDs

Validated Competency-Based Assessment Program

- Used in the Hiring Process
- Award credit for Prior Learning
- Internal Promotions
- Identify Skill Gaps-training needs
- Deliver Targeted Training based on skill-gap analysis
- Measure the effectiveness of training delivered

ACE – Recommended Credit based on Assessment Performance

```
Mechanical Skills Examination, Operator Task Series #1 (MO-01)
     60th Percentile and above = 3 credits
    45th - 59th Percentile = 2 credits
     30th - 44th Percentile = 1 credit
Mechanical Skills Examination, Maintenance Task Series #1 (MM-01)
    60th Percentile and above = 3 credits
    45th - 59th Percentile = 2 credits
     30th - 44th Percentile = 1 credit
Electrical Skills Examination, Electrical Task Series #1 (EE-01)
     60th Percentile and above = 3 credits
     45th - 59th Percentile = 2 credits
     30th - 44th Percentile = 1 credit
Programmable Logic Control Skill Examination, PLC Task Series #1 (PLC-01)
     60th Percentile and above = 3 credits
     45th - 59th Percentile = 2 credits
     30th - 44th Percentile = 1 credit
```

ACE - Mechatronics Skills Curriculum

Mechatronics, Basic Mechanical Skills I (SMT M101-I) - 3 Credits

Volume 1: Shop Mathematics

- Unit 1: Base 10, Decimals, Decimal Equivalents,
- . Unit 2: Fractions
- Unit 3: Algebraic Expressions, Simple Equations, Ratio,
- . Unit 4: Graphs, Charts, Data Handling
- Unit 5: Weights, Measures, Metric Conversion
- . Unit 6: Exponents, Square Roots, Right Triangles
- Unit 7: Angles, Plane Figures, Area
- . Unit 8: Measurement of Solid Figures, Volume, Intro. To
- . Unit 9: Trigonometric Tables

Volume 2: Blueprint Reading & Machine Drawing

. Unit 1: Elements of Blueprints and Machine Drawing I

Volume 3: Measurement

Unit 1: Linear Measurement

Volume 4: Hand Tools

- Unit 1: Care and Use of Hand Tools
- Unit 2: Mechanical Fasteners

Volume 5: Basic Mechanical Components I

- Unit 1: Basic Machines
- Unit 2: Shafts, Couplings, Pulleys, Belts and Chain Drives
- Unit 3: Gears and Gear Ratios
- Unit 4: Advanced Couplings
- Unit 5: Basic Alignment

Mechatronics, Advanced Mechanical Skills I (SMT M202-I) - 1 Credit

Volume 10: Pump Basics

Unit 1: Pumping Basics

Volume 11: Valve Operation & Types

Unit 1: Valve Operation and Type

Volume 12: Introduction to Industrial Maintenance

Unit 1: Failure Analysis

Volume 13: Gearbox Maintenance

Unit 1: Gear Maintenance

Volume 14: Bearing Maintenance

. Unit 1: Bearing Maintenance

Mechatronics, Basic Mechanical Skills II (SMT M101-II) - 2 Credits

Volume 6: Bearings & Lubrication

- Unit 1: Principles of Bearing Operation, Components,
- Unit 2: Principles of Friction and Lubricants

Volume 7: Basic Mechanical Components II

- . Unit 1: Levers, Cranks, Unkages, and Springs
- Unit 2: Types and Uses of Cams, Timing Adjustments
- Unit 3: Use of Elementary Timing Model in Timing Adjustments

Volume 8: Machine Adjustment Fundamentals Using the ATM

- . Unit 1: Troubleshooting, Problem Solving, and Problem Identification Techniques
- Unit 2: Set Up Machine Standards Using the ATM
- . Unit 3: Problem Solving on Multiple Systems Using the ATM

Volume 8-A: Basic Pneumatics & Hydraulics

- Unit 2A: Air Compression, Properties of Air
- . Unit 28: Basic Pneumatics, Compressors, and Air Pressure
- . Unit 3A: Hydraulic Flow and Control

Mechatronics, Advanced Mechanical Skills II (SMT M202-II) - 3 Credits

Volume 15: Advanced Pneumatic Fundamentals

- Unit 1: Control Components, Pneumatic Drives
- Unit 2: Circuit Design

Volume 16: Advanced Hydraulic Fundamentals

- Unit 1: Control Components, Hydraulic Drives
- . Unit 2: Circuit Design

Volume 17: Advanced Electrical

- Unit 1: Capacitors
- Unit 2: Inductors
- . Unit 3: Power in AC Circuits
- Unit 4: Electrical Troubleshooting Using the ESTD
- . Unit 5: Troubleshooting, AC Motors
- . Unit 6: Troubleshooting, DC Motors

Volume 21: Advanced Machine Adjustment Fundamentals Using the

- . Unit 1: Troubleshooting, Problem Solving, and Problem Identification Techniques
- Unit 2: Set Up Machine Standards Using the Packaging Machine Simulator
- . Unit 3: Problem Solving on Multiple Systems Using the Packaging Machine Simulator

Mechatronics, Basic Industrial Electrical Skills (SMT E101) -3 Credits

Volume 1: Shop Mathematics

- . Unit 1: Base 10, Decimals, Decimal Equivalents.
- Unit 2: Fractions
- Unit 3: Algebraic Expressions, Simple Equations, Ratio, Proportion
- Unit 4: Graphs, Charts, Data Handling
- Unit 5: Weights, Measures, Metric Conversion
- Unit 6: Exponents, Square Roots, Right Triangles
- Unit 7: Angles, Plane Figures, Area
- Unit 8: Measurement of Solid Figures, Volume, Intro. To Trig.
- Unit 9: Trigonometric Tables

Volume 2: Blueprint Reading & Machine Drawing

. Unit 1: Elements of Blueprints and Machine Drawing I

Volume 9: Electrical Components

- Unit 1: Principles of Electricity, AC & DC Circuits
- . Unit 2: Basic Circuit Components, Switches, and
- Unit 3: Digital Multimeter, Basic Measurements
- Unit 4: Input and Output Devices
- Unit 5: Electrical Schematics
- Unit 6: Generators & Transformers
- Unit 7: DC Machines
- Unit 8: Three-Phase AC & DC Motors

Mechatronics, Advanced Industrial Electrical Skills (SMT E202) - 3 Credits

Volume 17: Advanced Electrical

- Unit 1: Capacitors
- Unit 2: Inductors
- Unit 3: Power in AC Circuits
- Unit 4: Electrical Troubleshooting Using the ESTD
- Unit 5: Troubleshooting, AC Motors
- Unit 6: Troubleshooting, DC Motors

Mechatronics, Basic Process Control (SMT PC101) - 3 Credits

Volume 22: Ladder Logic

- Unit 1: Basic Ladder Logic
- Unit 2: Planning and I/O Symbols
- . Unit 3: Numbering Systems, Codes, and Logic
- Unit 4: Symbols and Ladder Logic Basics
- Unit 5: Ladder Logic Format
- Unit 6: Program Functions
- Unit 7: Program Examples
- Unit 8: Glossary of Terms

Mechatronics, Basic Programmable Logic Control (SMT PLC101) - 3 Credits

Vol 11A: Basic Process Control

- Unit 1: Introduction to Process Control
- Unit 2: Basic Definitions
- Unit 3: Pressure
- Unit 4: Temperature
- Unit 5: Level
- Unit 6: Flow
- Unit 7: Analytical Instruments and Terminology
- Unit 8: Transmitters
- Unit 9: Controllers, hands-on training aid kit, and an instructor
- Unit 10: Process Control and Control Loops
- Unit 11: Control Schemes

Southwest Tennessee Community College Memphis, TN

"SWCC uses SMT as the centerpiece of industrial skills training for continuing education classes and customized corporate training. We are most proud to say that more than 1500 entry level and incumbent employees have been trained using SMT's curriculum. Those employees have worked for Unilever, Hershey, Electrolux, KTG, Blues City Brewery and many other manufacturers."

Polytech Adult Education Dover, DE

"The growing nationwide skills gap in the manufacturing field is being clearly seen and felt in Delaware. Polytech Adult Education, has been able to help meet this need through the creation of the Delaware Manufacturing Development Center (DMDC). This would not have been possible without the partnership with Scientific Management Techniques (SMT)."

Tennessee Board of Regents Nashville, TN

"Based on the proven success to date in the locations where our schools have implemented SMT's programs we are recommending statewide deployment. Our objective is for Tennessee to have the strongest, best trained workforce in the country and SMT's programs will help us achieve this objective in the area of advanced manufacturing skills."

Lakeshore Technical College has deployed SMT's Manufacturing Skill Solutions in their Mobile Training Lab



Scientific Management Techniques

Validated, "Competency-Based"

Manufacturing Skill Programs Deployed by
Fortune 500 Manufacturers Globally

Available in Formal Education since 2011