

# INTEGRATED QUALITY MANAGEMENT TRAINING

(Albert Balogh)













Fig.6 Integrated interpretation of quality for an organization

### ISO 9000:2005:

quality -

degree to which a set of inherent characteristics fulfills requirements

#### ISO 9004:2009:

sustained success –

(organization) result of the ability of an organization to achieve and maintain its objectives in the long term

## ISO 9004:2009:

...to achieve the sustained success top management should identify all its relevant interested parties and determine how to meet their needs and expectations in a balanced way

**quality of an organization** - degree to which an organization meets the requirements of their interested parties in a balanced way

![](_page_3_Figure_10.jpeg)

![](_page_4_Figure_0.jpeg)

![](_page_4_Figure_1.jpeg)

![](_page_4_Figure_2.jpeg)

![](_page_5_Figure_0.jpeg)

![](_page_6_Figure_0.jpeg)

![](_page_6_Figure_1.jpeg)

![](_page_7_Figure_0.jpeg)

![](_page_7_Figure_1.jpeg)

# **Fig.16**

Time points for observation (25 observations per days) – 5 days in a week – 8 weeks -40 days – 1000 observations

Monday	Tuesday	Wednesday	Thursday	Friday
6.35	6.28	6.05	6.45	6.23
7.18	7.45	7.02	6.59.	7.32
8.12	10,43	9.45	7.58	9.43
9.34	11.02	10.32	8.39	10.21
11.14	12.31	11.09	9.06	10.49

## Fig.17 Frequency analysis for home time management

Code	Activity	Frequency	Percents	Hours	Average hours	Goal hours
					per day	per day
А	Watching TV	108	10,8	77,76	1,94	1,5
В	Sleeping	97	9,7	69,84	1,75	1,5
С	Leisure	70	7,0	50,40	1,26	1,0
D	Commuting to and from work	68	6,8	48,96	1,24	1,0
E	Meals at home	56	5,6	40,32	1,00	1,0
F	Housekeeping	51	5,1	36,72	0,92	0,9
G	Showers	43	4,3	30,96	0,77	0,8
Н	Reading	40	4,0	28,8	0,72	1,5
	Yardwork	33	3,3	23,76	0,59	0,7
J-K	Parties-Hobbies	30	3,0	21,60	0,54	0,8
L+M	Bills+Financial administration	4	0,4	2,88	0,07	0,1

Source: Patrick M. Courtney: Time Management Using Quality Tools, Quality Progress, 2005 August

Code	Activity	Frequency	Percents	Hours	Average hours	Goal hours
					per day	per day
Ν	Phones, e-mails	52	5,2	37,44	0,94	0,5
0	Training preparation	48	4,8	34,56	0,865	1,5
Р	Lunch and brake at work	48	4,8	34,56	0,865	0,6
Q	Measurement adminstration	44	4,4	31,68	0,79	0,8
R	General quality stuff	40	4,0	28,80	0,72	0,7
S	Statistical research	36	3,6	25,92	0,65	0,65
Т	Quality management training	34	3,4	24,48	0,61	0,7
U	Staff meeting	28	2,8	20,16	0,5	0,5
V	Reading scientific papers	26	2,6	18,72	0,47	0,45
Х	Travel	26	2,6	18,72	0,47	0,4
Y	Continuing education	18	1,8	12,96	0,32	0,4

# Fig.18 Frequency analysis for office time management

Source: Patrick M. Courtney: Time Management Using Quality Tools, Quality Progress, 2005 August

![](_page_9_Figure_3.jpeg)

![](_page_10_Figure_0.jpeg)

![](_page_10_Figure_1.jpeg)

![](_page_10_Figure_2.jpeg)

Delegate

tasks. .

Work

Plans.

![](_page_10_Figure_3.jpeg)

![](_page_10_Figure_4.jpeg)

Be mindful of personal and

professional

goals

Write

everything

down!

Unrealistic

expectations

of time.

Too lazy

to make

detailed

plans.

The

**Problem:** 

Why do

people

waste

time?

![](_page_10_Figure_5.jpeg)

Fig.22

Use financial metrics to justify the cost of quality improvement for management!

![](_page_11_Figure_2.jpeg)

![](_page_11_Figure_3.jpeg)

# Fig. 24 Break-even analysis

Key metric	PMO	FMO	Difference		
Unit produced	10,000	10,000	NA		
Retail price per unit	\$120	\$120	NA		
Fixed costs	\$395,000	\$430,000	\$35,000		
Variable costs per unit	\$58	\$52	(\$6)		
Break-even volume	6,371	6,324	(47)		
Break-even revenue	\$764,520	\$758,880	(\$5,640)		
PMO = present method of operation FMO = future method of operation					

Source: Peter J. Sherman and James G. Vono: All Ears, Quality Progress, 2009 July

![](_page_12_Figure_3.jpeg)