

Project : Black Belt Development

Manager Mikel Harry

Code

Number 0

Description

Establish the infrastructure which will lead toward the creation and implementation of a certification process aimed at the institutionalization of Six Sigma Blackbelts.

Comments

A Blackbelt is a subject-matter-expert within a specific technical discipline (at the business unit level) who possesses in-depth application knowledge of the related Six Sigma tools. Such an individual is responsible for accelerating and facilitating the implementation of Six Sigma methodologies and tools within their respective discipline and business unit.

Product : Black Belt Training Curriculum

Manager Jim Robertson

Start 6/1/91

Delivery 10/21/91

Priority High

Code

Number 0

Description

A document which sets forth (in learning order) the knowledge and skill requirements of a discipline area of a Six Sigma Blackbelt.

Comments

The document will organize the knowledge and skill requirements into a "generic" curriculum which can be pursued at any given location worldwide.

Process :

Description	Manager	Completion	Days	Hours	Cost
Create curric. Committee	Mike Harry	6/16/91	15	4	\$ 0.00
Conduct needs analysis	Jim Robertson	7/16/91	30	80	\$ 0.00
Define knowledge/skill requirements	Jim Robertson	8/15/91	30	40	\$ 0.00
Establish Blackbelt curric.	Jim Robertson	9/14/91	30	40	\$ 0.00
Present first order model	Jim Robertson	9/24/91	10	4	\$ 0.00
Finalize model	Committee	10/14/91	20	8	\$ 0.00
Prepare document	Jim Robertson	10/19/91	5	16	\$ 0.00
Distribute document	Peter Kusel	10/21/91	2	4	\$ 0.00

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Product : Certification Process

Manager Mike Harry

Start 6/1/91

Delivery 10/1/91

Priority High

Code

Number 0

Description

A document which describes the process for certifying selected discipline-area professionals as Six Sigma Blackbelts.

Comments

The document will define the intent and threshold criteria for each process step, as well as the terminal profile of a Six Sigma Blackbelt.

Process :

Description	Manager	Completion	Days	Hours	Cost
Form Blackbelt Committee	Mike Harry	6/16/91 •	15	8	\$ 0.00
Define terminal criteria	Committee	6/26/91 •	10	40	\$ 0.00
Establish process	Committee	7/6/91 •	10	40	\$ 0.00
Prepare draft document	Mike Harry	9/1/91	57	20	\$ 0.00
Make presentation	Skip Weed	9/16/91	15	8	\$ 0.00
Finalize document	Mike Harry	9/29/91	13	8	\$ 0.00
Distribute document	Sandy Carsello	10/1/91	2	2	\$ 0.00

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Product : Tech. M.M.I. Pilot Program

Manager Mike Harry

Start 00/00/00

Delivery 12/9/2

Priority Medium

Code

Number 0

Description

A pilot Six Sigma training program for technical ladder professionals and selected members of management. The program will be based on Motorola's successful M.M.I. model.

Comments

The intent of this program is to provide an in-depth vision into the future direction of Six Sigma and the implications of this vision in terms of Motorola's business objectives, training, concurrent engineering practice, organizational structure, etc.

Process :

Description	Manager	Completion	Days	Hours	Cost
Create Tech M.M.I. committee	TBD	11/30/2	1	6	\$ 0.00
Define objectives	TBD	12/1/2	1	8	\$ 0.00
Establish agenda	TBD	12/2/2	1	8	\$ 0.00
Select and confirm speakers	TBD	12/3/2	1	40	\$ 0.00
Document program	TBD	12/4/2	1	40	\$ 0.00
Recruit participants	TBD	12/5/2	1	16	\$ 0.00
Conduct pilot session	TBD	12/6/2	1	40	\$ 0.00
Modify agenda	TBD	12/7/2	1	20	\$ 0.00
Prepare recommendations	TBD	12/8/2	1	20	\$ 0.00
Distribute recommendations	TBD	12/9/2	1	2	\$ 0.00

Project Name	Project Manager	Product Name	Start Date	Delivery Date
Advanced Transfer Technologies	Doug Mader	Black Box Simulator Dynamic Variation Videotape	5/5/91 2/1/91	9/30/91 9/7/91
Automated Systems Administration	Betty Crofton	Author Database Tracking System Project Management System - Workshop Project Management System - Workshop	1/1/091 5/1/91 8/1/0/91	6/30/91 8/12/91 9/29/91
Black Belt Development	Mikel Harry	Black Belt Training Curriculum Certification Process Tech. M.M.I. Pilot Program	6/1/91 6/1/91 00/00/00	10/21/91 10/1/91 <u>12/9/2</u>
Instructional Design Technologies	Jim Robertson	Instructional Design Shell for Analysis and Optimi Productivity Analysis Six Sigma Process Characterization Analysis & Optimization Telecasts	9/1/91 1/1/92 2/1/91 1/1/92	2/18/92 5/10/92 12/1/91 10/24/92
Model Factory Implementation	Mikel Harry	Proc. Char. Consulting	6/15/91	12/1/91
Research & Development	Jack Prins	Applied Chaos Theory Handbook of Six Sigma Methods Implications of Six Sigma Centered Mathematics of Six Sigma Centered Process Centering Constructs	9/1/90 9/1/91 9/15/91 7/1/91 10/15/90	7/7/91 3/17/92 11/28/91 4/2/92 8/20/91
Six Sigma Software	Jack Prins	S.S. Consultant (SSCON) S.S. Experiment Design (SSEXP) S.S. Planner (SSPLAN) S.S. Process Characterization (SSMIET) S.S. Productivity Analysis (SSPROD) S.S. Quality Control (SSQC)	3/1/92 4/1/092 8/15/91 2/1/091 9/1/91 8/1/91	10/28/92 11/22/92 3/29/92 9/24/91 12/22/91 9/14/91
Strategic Market Development	Hank Scutoski	Market Development Plan Scholarship Program	00/00/00 00/00/00	00/00/00 00/00/00
Technical Publications	Peter Kusei	Applied Chaos Theory Encyclopedia of Six Sigma Tools Encyclopedia of Six Sigma Applications Handbook of Six Sigma Methods Implications of Six Sigma Centered Mathematics of Six Sigma Centered S.S. Consultant (SSCON) S.S. Experiment Design (SSEXP) S.S. Planner (SSPLAN) S.S. Process Characterization (SSMIET) S.S. Productivity Analysis (SSPROD) S.S. Quality Control (SSQC) Process Centering Constructs Flagship Book	7/15/91 9/1/90 9/1/90 4/1/92 11/29/91 4/3/92 10/29/92 11/28/92 4/5/92 10/1/91 1/1/92 9/15/91 9/1/91 1/15/92	8/15/91 6/17/92 6/15/92 5/2/92 12/30/91 5/4/92 11/29/92 12/27/92 5/8/92 11/1/91 2/1/92 10/16/91 10/2/91 3/15/92