

Design Failure Mode and Effects Analysis (DFMEA): 1-Day Certificate Workshop

Management Support Network offers a 1-day, on-site Design Failure Mode and Effects Analysis (DFMEA) Workshop that is based on the 3rd Edition FMEA reference manual published by the AIAG. This workshop involves developing a Design FMEA on a case study and developing Design FMEAs using design examples from your organization.

Who Should Attend:

- Design Team that is responsible to complete a Design FMEA
- Individuals involved in product design, program management, materials, manufacturing and quality.

Learning Objectives:

During this 1-Day Certificate Course, participants will:

- Develop design FMEAs to identify and measure the risk in designs.
- Understand how to analyze the risk and take action to eliminate failure modes, minimize the effect of failures and identify controls to prevent failure occurrence.

This course also includes the SAE Recommended Practice for FMEA-J1739

Professional Fees: \$1,600; Manual & Certificate: \$25 per person. Ideal for groups between 3-12 employees.

Process Failure Mode and Effects Analysis (PFMEA): 1-Day Certificate Workshop

Management Support Network offers a 1-day, on-site Process Failure Mode and Effects Analysis (FMEA) Workshop that is based on the 3rd Edition FMEA reference manual published by the AIAG. This workshop involves developing a Process FMEA on a case study and developing Process FMEAs using process examples from your organization.

Who Should Attend:

- Manufacturing/ Assembly Team that is responsible to complete a Process FMEA
- Individuals involved in new or existing manufacturing processes, such as lead hands, skilled trades, manufacturing engineers and quality.

Learning Objectives:

During this 1-Day Certificate Course, participants will:

- Develop process FMEAs to identify and measure the risk in manufacturing and assembly processes.
- Understand how to analyze the risk and take action to eliminate failure modes, minimize the effect of failures and identify controls to prevent failure occurrence.

This course also includes the SAE Recommended Practice for FMEA-J1739

Professional Fees: \$1,600; Manual & Certificate: \$25 per person. Ideal for groups between 3-12 employees.

Automotive Supply Chain Root Cause Problem Solving (8-D): 2-Day Certificate Workshop

Management Support Network offers a 2-day, on-site root cause problem-solving workshop to help teams solve problems by identifying and eliminating the root cause. This certificate course is designed for automotive suppliers and is based on the “Global 8-D Problem-Solving Methodology”.

This workshop involves several case studies and exercises, which allows participants to practice the problem solving methodology. The course also provides an opportunity to apply the methodology to problems from your organization.

Professional Fees: \$3,200; Manual & Certificate: \$50 per person. Ideal for groups between 3-12 employees.

Who Should Attend:

Individuals and teams that are responsible to complete Corrective Actions or to solve problems. Typically, key personnel from engineering, quality, manufacturing, R&D and program management are good candidates.

Learning Objectives:

During this workshop, participants will:

- Understand the 8-D Problem Solving Methodology and other problem solving requirements from GM, Ford and Chrysler
- Apply the problems solving methodology to case studies and real-life examples in order to use it correctly.

Advanced Product Quality Planning (APQP): 1-Day Certificate Workshop

Management Support Network offers a 1-day Advanced Product Quality Planning (APQP) Workshop at your facility.

Who Should Attend:

- Individuals responsible to participate, prepare and manage quality plans for new products.

Professional Fees: \$1,600; Manual & Certificate: \$25 per person. Ideal for groups between 3-12 employees.

Learning Objectives:

During this 1-Day Certificate Course, participants will:

- Understand what is APQP
- Understand the inputs and outputs for the five APQP phases
- Discuss and create a draft quality plan for a product that is applicable to your organization

Production Part Approval Process (PPAP): 1-Day Certificate Workshop

Management Support Network offers a 1-day Production Part Approval (PPAP) Workshop at your facility.

Who Should Attend:

- Individuals responsible to participate, conduct and manage the production part approval process for new or changed products.

Professional Fees: \$1,600; Manual & Certificate: \$25 per person. Ideal for groups between 3-12 employees.

Learning Objectives:

During this 1-Day Certificate Course, participants will:

- Understand the general PPAP requirements for all submissions
- Understand the specific requirements for GM, Ford and DaimlerChrysler.
- Discuss and create a draft PPAP for a product that is applicable to your organization