

DFMEA -Design FMEA

DFMEA: DFMEA, or Design Failure Mode and Effects Analysis, is typically used in the early stage of the product lifecycle and development as a troubleshooting and assurance process and tool

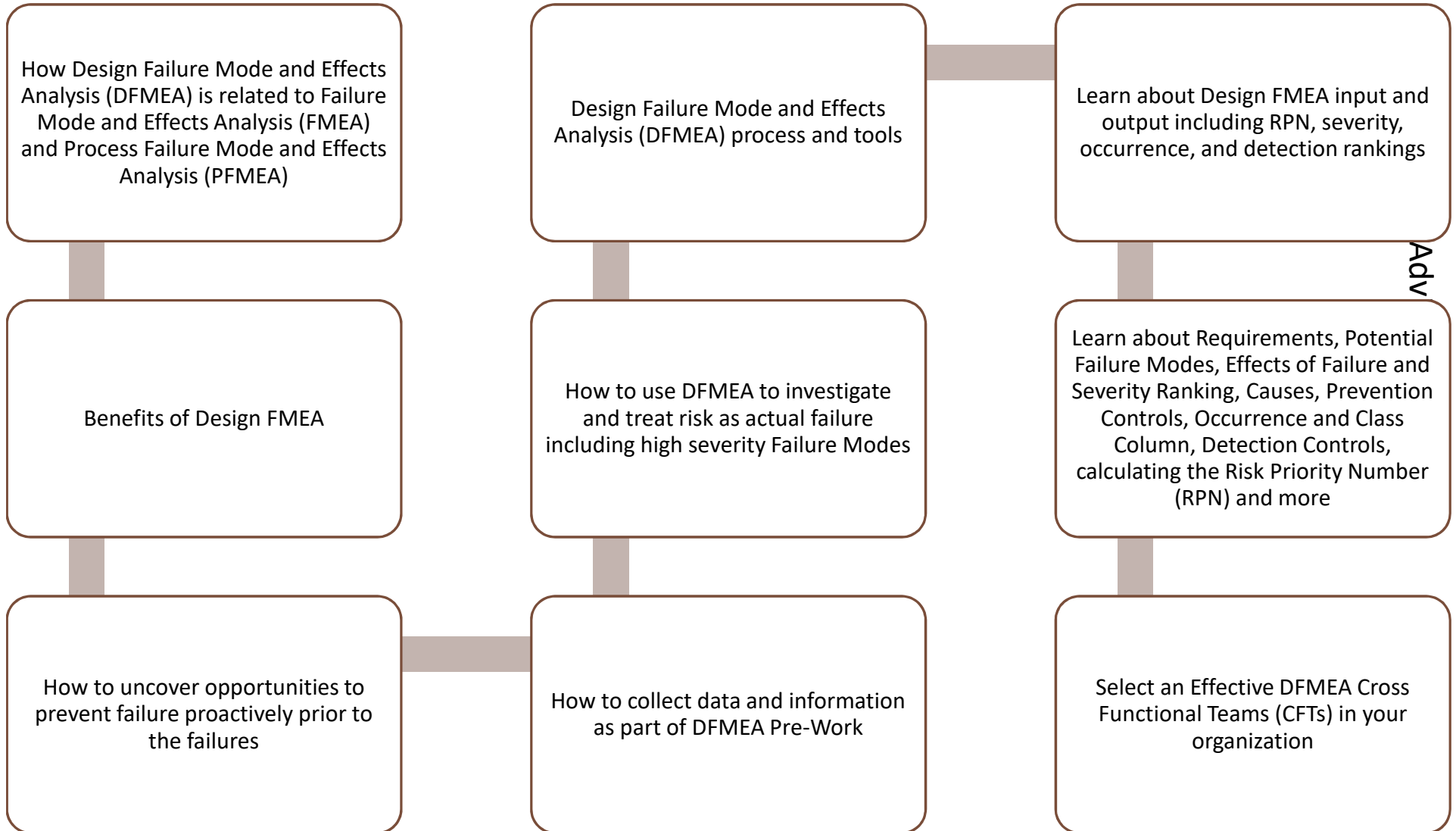
FMEA:

Failure Mode and Effects Analysis (FMEA) is defined as a regular technique used to inhibit failure. Such action is conducted through the exploration of potential failure modes and the reasons can cause such failure. FMEA actions occur within a team activity by tackling high severity, high occurrence, and high detection rankings that is determined by the analysis. Only through the preventive process of FMEA we can assure the product performance is satisfactory and the chance of the product failure is reduced. The Design FMEA training course will help you explore these steps in detail and learn how to put them in action to prevent the system failure.

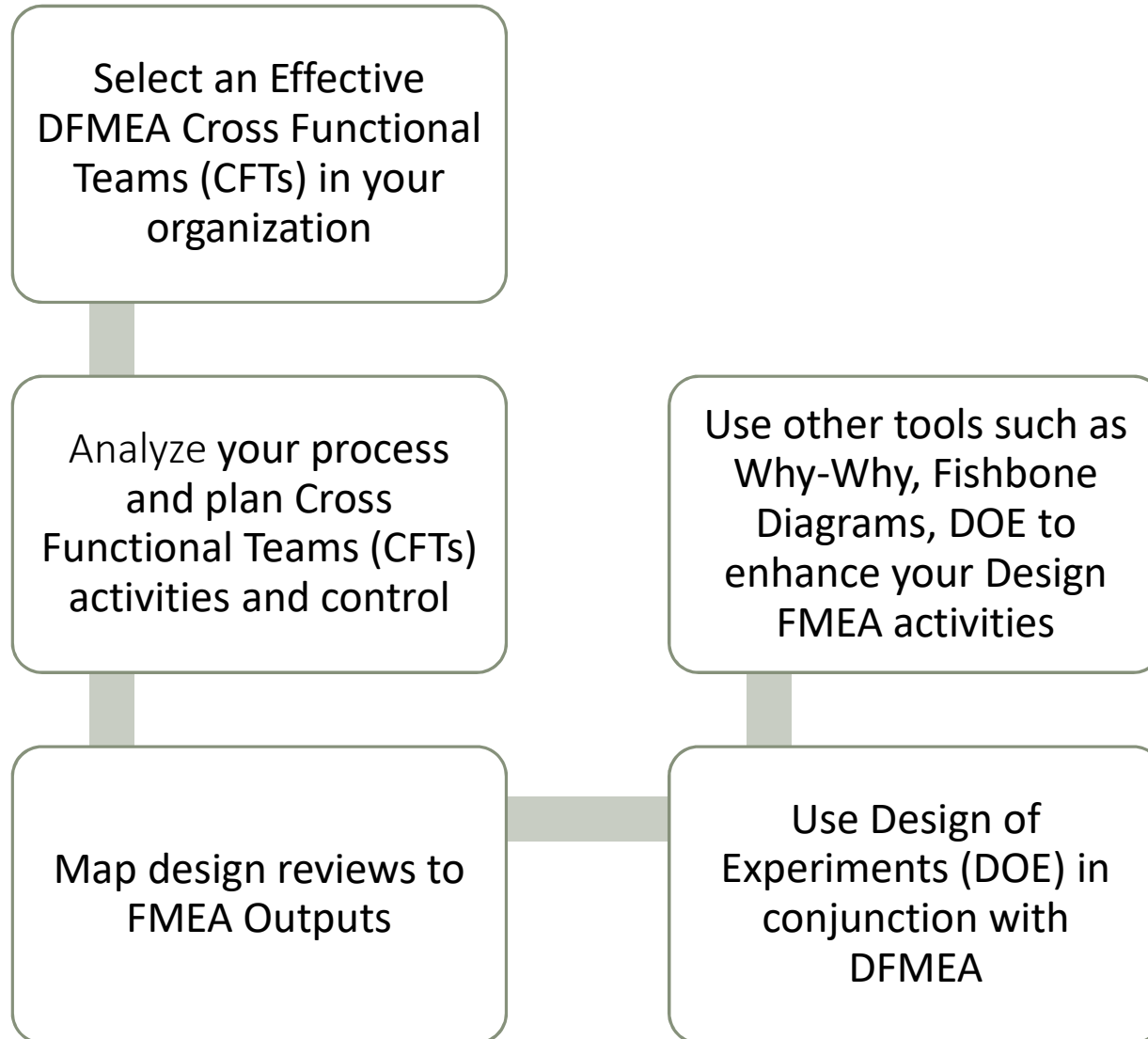
Who should attend?

Design FMEA training helps Engineers, scientists, and managers involved with manufacturing, Production and manufacturing team, Product design personnel, Reliability, testing, and quality team members, R&D personnel, Product and process assurance people, Assembly personnel

Benefits



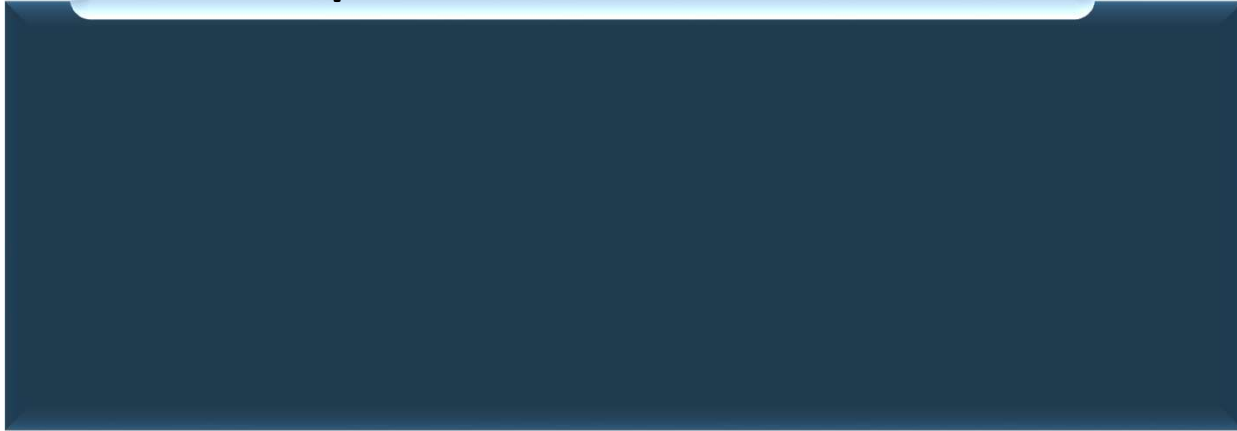
Benefits



Course Outline

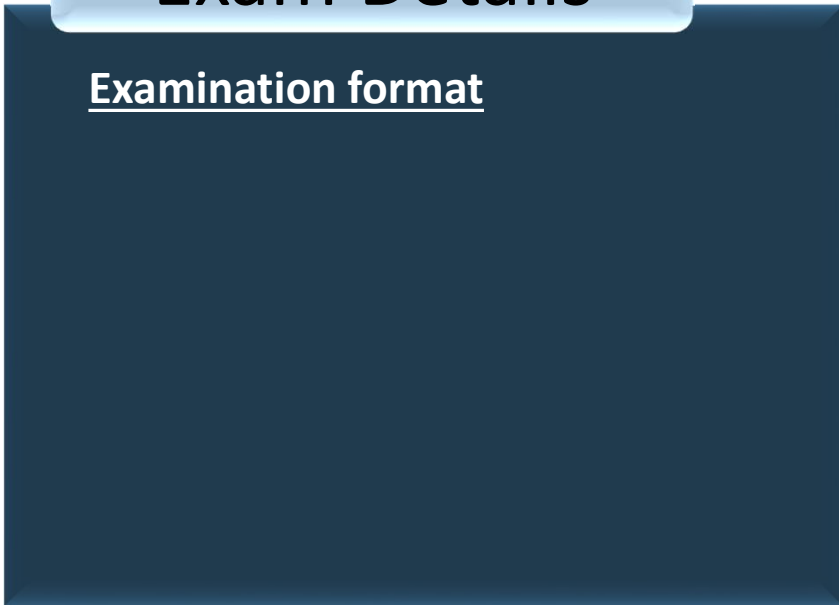
- Explain the concept and the purpose of Failure Mode and Effects Analysis (FMEA)
- Discuss the benefits, requirements, and goals of FMEA
- Decide when to use Design FMEA and when Process-FMEA
- Discuss the steps and process of the FMEA
- Gather up an FMEA team
- Define the Design FMEA scope
- Conduct all the steps of Design FMEA
- Conduct the ranking scales for Severity, Occurrence, and Detection
- Choose the appropriate technology methods to use as supplement to their DFMEA action plan
- Make the Design FMEA into an active document
- Develop a Control plan based on Design FMEA
- Determine corrective actions in order to develop a more correct FMEA

Prerequisites for the EXAM

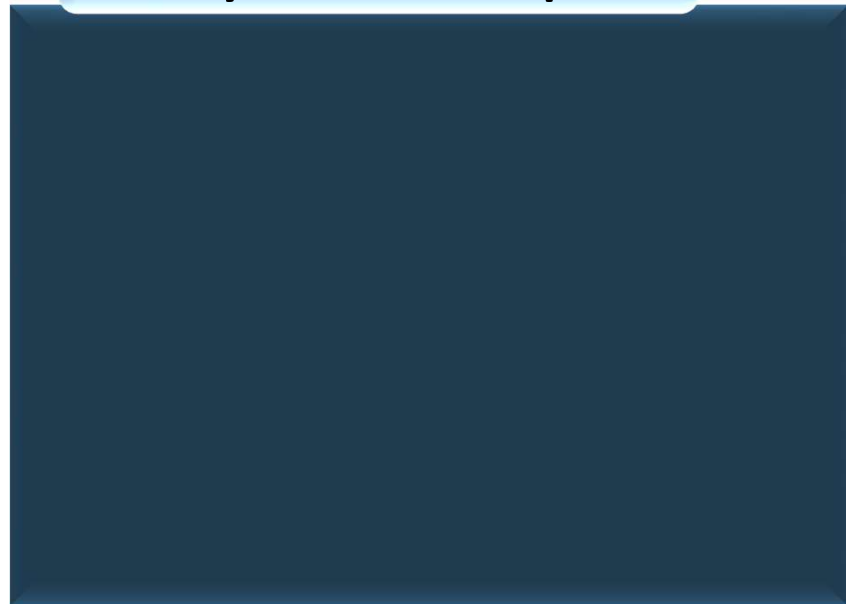


Exam Details

Examination format



System req.



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