BaselineSkills

IREB CPRE FOUNDATION LEVEL

CPRE-FL

FROM CPRE KNOWLEDGE TO REQUIREMENTS ENGINEERING CAPABILITY

Learn the standard. Practise the skill. Apply it at work.

The IREB CPRE Foundation Level provides a structured foundation in the principles, practices and techniques of professional Requirements Engineering. At Baseline Skills, you go beyond concepts through realistic exercises and IREB in Practice — powered by ReqDrive, an AI-powered Requirements Engineering platform.

"Learn the principles. Practise the discipline. Apply it with AI."

Course at a Glance

Course	IREB CPRE Foundation Level (CPRE-FL)
Duration	4 Days
Delivery	Live Online • Classroom • Corporate / On-site
Learning approach	Instructor-led learning • Practical exercises • Case studies • ReqDrive labs • Exam preparation

Why This Course?

A requirement can look reasonable on paper and still hide ambiguity, assumptions, missing information or conflicting stakeholder expectations. The real skill is knowing what to question, what to clarify, what to document, how to validate it and how to manage it when things change.

Three layers of learning

CERTIFICATION	Build your understanding of the IREB CPRE Foundation Level body of knowledge and prepare for the certification examination.
CAPABILITY	Practise elicitation, documentation, analysis, validation and requirements management through realistic scenarios and exercises.
APPLICATION	Use ReqDrive to apply AI-assisted Requirements Engineering techniques to realistic requirements and work products.

Module 1 — Understand Requirements Engineering

What is Requirements Engineering — and why does it matter?

You will learn

- What is a requirement and what is Requirements Engineering?
- Functional requirements, quality requirements and constraints
- Stakeholders and their role in RE
- Where requirements originate
- Major Requirements Engineering activities
- Role and responsibilities of a Requirements Engineer
- Why inadequate requirements create project risk
- Requirements Engineering in plan-driven and agile environments

IREB in Practice

Start with a simple statement such as “We need an application that makes the customer experience faster and easier.” Explore what lies behind it before turning it into requirements.

ReqDrive lab: Use ReqM to explore the business need, context and stakeholders. Practise moving from statement → problem → business need → questions to ask.

“Before you write a requirement, understand the problem behind it.”

Module 2 — Think Like a Requirements Engineer

The Fundamental Principles of Requirements Engineering

You will learn

- Value orientation
- Stakeholders
- Shared understanding
- Context
- Problem–Requirement–Solution
- Validation
- Evolution
- Innovation
- Systematic and disciplined work

IREB in Practice

Challenge requirements such as “The system shall provide a fast response.” Ask what fast means, for whom, under what conditions and how it will be verified.

ReqDrive lab: Use Requirement Analyser to obtain an AI-assisted quality perspective, then compare it with your own analysis and improve the requirement.

“AI can challenge your thinking. It cannot replace your engineering judgement.”

Module 3 — Turn Requirements into Effective Work Products

From words to usable requirements

You will learn

- Work products in Requirements Engineering
- Abstraction levels and level of detail
- Natural-language requirements
- Template-based work products
- Model-based work products
- Requirements specifications
- Glossaries and documentation structures
- Prototypes
- Quality criteria for requirements and work products
- Simple requirements modelling

IREB in Practice

Analyse deliberately weak requirements, rewrite them and compare your judgement with AI-assisted analysis. Explore how the same requirement can be represented through different work products.

ReqDrive lab: Requirement Analyser for quality review; ReqCompass for requirement specification, decomposition, glossary/synonym support, model generation and alternative representations.

"Don't just learn what a good requirement looks like. Practise turning a weak requirement into a better one."

Module 4 — Discover, Develop and Validate Requirements

Finding the requirements that aren't being said

You will learn

- Requirements sources: stakeholders, documents, existing systems, processes, regulations and market information
- Stakeholder identification and stakeholder management
- Questioning, collaboration, observation and artifact-based elicitation
- Brainstorming, prototyping, scenarios and storyboards
- Kano model
- Selecting elicitation techniques for different situations
- Requirements conflicts and conflict resolution
- Validation perspectives and techniques
- Reviews, walkthroughs, inspections and exploratory validation

IREB in Practice

Work with a realistic project scenario. Identify stakeholders manually, prepare interview questions, explore missing information, analyse conflicting expectations and validate the resulting requirements.

ReqDrive lab: Use ReqCompass to support stakeholder discovery and elicitation preparation. Compare what the human identified with what AI helped identify.

"AI can accelerate elicitation. Understanding stakeholders remains a human responsibility."

Module 5 — Configure Requirements Engineering for Your Project

There is no single RE process that fits every project

You will learn

- Development context
- Stakeholder capability and availability
- Complexity and criticality
- Requirements volatility
- Time and budget constraints
- Linear and iterative approaches
- Prescriptive and explorative approaches
- Customer-specific and market-oriented development
- Selecting appropriate work products and practices

IREB in Practice

Compare a contract-driven enterprise system, an agile digital product and a compliance-sensitive product. Determine which RE practices and work products fit each situation.

ReqDrive lab: Use ReqCompass and ReqM to explore how structured requirements workflows can support different project contexts.

"The process comes first. The tool supports the process."

Module 6 — Manage Requirements Throughout Their Lifecycle

Requirements don't stop changing when they are documented

You will learn

- Requirements lifecycle and states
- Version control
- Configurations and baselines
- Attributes and views
- Traceability
- Requirements change
- Prioritization

IREB in Practice

Build a traceability chain from Business Goal → Stakeholder Need → Feature → Requirement → Test Case. Then introduce a change and identify its potential impact.

ReqDrive lab: Use ReqM for structured requirements management and traceability, and ReqDrive capabilities to explore change impact.

"Requirements management is about understanding the consequences of change."

Module 7 — Use Tools to Support Requirements Engineering

From RE process to RE tool support

You will learn

- Requirements management support
- Attributes and prioritization
- Versioning, configurations and baselines
- Traceability and change management
- Collaboration and requirements knowledge
- Process management, measurement and reporting
- Tool evaluation and introduction
- The importance of defining process and responsibilities before selecting tools

IREB in Practice

Complete an end-to-end mini-project, bringing together business need, stakeholders, elicitation, requirements, quality analysis, validation, traceability and documentation.

ReqDrive lab: Full ReqDrive lab: ReqM → ReqCompass → Requirement Analyser → improvement → validation → management → traceability → change impact → documentation.

"A tool should strengthen your Requirements Engineering practice — not become a substitute for it."

IREB in Practice — Powered by ReqDrive

ReqDrive is integrated into selected learning activities as an AI-assisted practice environment. The objective is not to teach a software product; it is to help learners experience how Requirements Engineering concepts can be applied, challenged and improved in a realistic workflow.

LEARN	Understand the IREB concept, principle or technique.
PRACTISE	Apply it to a realistic scenario.
ANALYSE	Examine the quality of your work.
IMPROVE	Challenge assumptions and refine the result.
VALIDATE	Review the result from different perspectives.
APPLY	Connect the practice to your workplace.

The End-to-End ReqDrive Lab

01 Understand the Business Need — ReqM
02 Identify Stakeholders — ReqCompass / ReqM
03 Prepare for Elicitation — ReqCompass
04 Develop Requirements — ReqCompass / ReqM
05 Analyse Requirement Quality — Requirement Analyser
06 Improve Requirements — Requirement Analyser / ReqCompass
07 Validate — ReqCompass
08 Manage — ReqM
09 Trace — ReqM
10 Assess Change Impact — ReqDrive
11 Build the Documentation — ReqM

"AI accelerates the work. The Requirements Engineer owns the thinking."

What You Will Be Able to Do

- Explain the purpose and value of Requirements Engineering.
- Distinguish functional requirements, quality requirements and constraints.
- Identify relevant stakeholders and requirements sources.
- Select appropriate elicitation techniques for different situations.
- Document requirements using natural language, templates and models.
- Apply practical requirement-quality criteria.
- Recognize ambiguity, incompleteness and inconsistency.
- Create and interpret simple requirements models.
- Develop and refine requirements.
- Identify and resolve requirements conflicts.
- Apply appropriate validation techniques.
- Configure an RE process to suit a project's context.
- Manage requirements throughout their lifecycle.
- Work with versions, configurations and baselines.
- Understand and apply traceability.
- Manage requirements changes and apply prioritization techniques.
- Understand how tools can support Requirements Engineering.
- Use AI-assisted tools responsibly in requirements work.

- Prepare systematically for the CPRE Foundation Level certification examination.

Who Should Attend?

- Business Analysts
- Requirements Engineers
- Systems Engineers
- Product Owners and Product Managers
- Project Managers
- Software Engineers
- Solution and System Architects
- UX/CX professionals
- Test Engineers
- Quality professionals
- Domain specialists
- Professionals transitioning into Requirements Engineering

The course is also suitable for organizations looking to establish a common Requirements Engineering language and practice across their teams.

Prerequisites

The CPRE Foundation Level is an entry-level qualification in Requirements Engineering. Participants benefit from some basic familiarity with software or system development. Experience with plan-driven or agile environments is useful. No prior Requirements Engineering certification is required.

Course Format

Duration	4 Days
Delivery	Live Online • Classroom • Corporate / On-site
Learning	Instructor-led sessions • Interactive discussions • Case studies • Individual and group exercises • ReqDrive labs • Examination preparation

Certification

IREB CPRE Foundation Level

The course is designed around the IREB CPRE Foundation Level syllabus and prepares participants for the CPRE Foundation Level certification examination.

TRAINING ≠ CERTIFICATION

Baseline Skills provides the training and examination preparation. IREB certification is awarded following successful completion of the applicable certification examination. Current examination arrangements and applicable fees are communicated with each scheduled session.

Why Learn with Baseline Skills?

- Standards-based learning aligned with the IREB CPRE Foundation Level syllabus.
- Practical exercises rather than theory alone.
- AI-assisted Requirements Engineering practice.
- ReqDrive practical labs integrated into selected learning activities.
- Real-world scenarios involving ambiguity, stakeholders, conflicts, change and incomplete information.
- Certification preparation combined with workplace application.
- Learning from practitioners with industry and training experience.

"The real value of Requirements Engineering training is not the number of people who complete the course. It is the number of requirements that become clearer, testable and traceable when they return to work."

For Organizations — Build a Common RE Capability

A corporate Baseline Skills CPRE-FL program can combine the IREB framework with organization-specific scenarios, practical RE exercises, AI-assisted ReqDrive labs and team discussion.

- Common Requirements Engineering terminology
- Common quality criteria and review practices
- Stronger stakeholder engagement and elicitation practices
- Requirements validation and traceability practices
- Change and requirements governance awareness
- Experience with AI-assisted Requirements Engineering
- A common practical environment for learning and experimentation

"Don't train people to write more requirements. Train them to discover, challenge and validate the right ones."

What Comes Next?

CPRE-FL provides a foundation for further specialization in Requirements Elicitation, Requirements Management, Requirements Modeling and RE@Agile, as well as broader Baseline Skills learning paths in Business Analysis, Systems Engineering, Automotive and AI.

Frequently Asked Questions

Is this only a certification-preparation course?

No. Certification preparation is an important component, but the course also emphasizes practical Requirements Engineering capability through exercises, case studies and ReqDrive-based labs.

Is ReqDrive required to take the course?

No. ReqDrive is used as a practical learning environment during selected exercises. The underlying RE concepts and techniques are taught independently of the tool.

Will AI do the Requirements Engineering for me?

No. The course emphasizes human judgement. ReqDrive provides AI-assisted analysis, suggestions and perspectives that learners are expected to evaluate critically.

Do I need to know AI before attending?

No. No prior AI expertise is required.

Will I learn how to write better requirements?

Yes. Requirement quality, documentation, validation and refinement are important parts of the course.

Will I learn stakeholder elicitation?

Yes. Stakeholder identification, elicitation techniques, conflict resolution and validation are covered and reinforced through practical exercises.

Will I learn requirements traceability?

Yes. Requirements management, traceability, change and prioritization are covered, with practical application using ReqDrive.

Is the certification exam included?

This depends on the selected course session. Please check the session details for the applicable training and examination arrangement.

LEARN THE STANDARD • PRACTISE THE SKILL • APPLY IT AT WORK

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