BaselineSkills

IREB CPRE ADVANCED LEVEL — REQUIREMENTS MANAGEMENT

CPRE-AL

FROM CAPTURED REQUIREMENTS TO GOVERNED, TRACEABLE ONES

Structure it. Track it. Govern it through change.

The IREB CPRE Advanced Level — Requirements Management module builds on Foundation Level knowledge to teach the structuring, prioritization, versioning, traceability and governance of requirements throughout their lifecycle. At Baseline Skills, you apply each technique to realistic, evolving requirement sets using IREB in Practice — powered by ReqDrive.

Course at a Glance

Course	IREB CPRE Advanced Level — Requirements Management (CPRE-AL)
Duration	2 Days
Delivery	Live Online • Corporate / On-site
Learning approach	Instructor-led learning • Practical exercises • Case studies • ReqDrive labs • Exam preparation

Why This Course?

Capturing a requirement is the easy part. Keeping it correctly attributed, prioritized, versioned, traceable and reportable as a project runs for months and stakeholders change their minds is where most requirements practice actually breaks down. This course is about making that manageable, deliberately, rather than by accident.

Three layers of learning

CERTIFICATION	Build the body of knowledge for the IREB CPRE Advanced Level Requirements Management Practitioner and Specialist certificates.
CAPABILITY	Practise attribute design, prioritization, versioning, traceability and reporting through realistic, evolving requirement sets.
APPLICATION	Use various methods to apply AI-assisted analysis to requirements structuring and change-impact questions.

Module 1 — What Is Requirements Management?

Definitions, tasks, goals and the requirements management plan

You will learn

- Definition of requirements management

- Tasks in requirements management
- Goals and benefits of requirements management
- The requirements management plan
- Relevant standards

IREB in Practice

Sketch a requirements management plan for a project that currently has no plan at all, and identify which single addition would prevent the most existing pain.

ReqDrive lab: Use ReqM to structure an initial requirements management plan for a realistic project scenario.

> ***"A requirement without a management plan is a requirement waiting to get lost."***

Module 2 — Requirements Information Model

Deciding what information a requirement actually needs to carry

You will learn

- Fundamentals of the Requirements Information Model
- Forms of presentation
- Creating a Requirements Information Model

IREB in Practice

Design a Requirements Information Model for a project with three requirement types the current model doesn't distinguish between.

> ***"The model decides what you can ask about your requirements later — decide it early."***

Module 3 — Assigning Attributes and Views on Requirements

Making a large requirement set navigable without changing the requirements themselves

You will learn

- Objectives of assigning attributes
- Use of an attribute scheme
- Designing an attribute schema
- Change management of attribute schemas
- Goals and types of views
- Definition of views and the risks of views
- Optimizing attribute population and the creation of views

IREB in Practice

Design an attribute schema for a requirement set that currently has none, then build a view that answers a specific stakeholder's real question.

ReqDrive lab: Use ReqCompass to populate attributes across a requirement set and generate a targeted view for a named stakeholder.

> ***"A view is a promise that the requirements underneath it are attributed consistently enough to trust."***

Module 4 — Evaluation and Prioritization of Requirements

Deciding what matters most, and being able to defend the decision

You will learn

- Principles of evaluation
- Prioritizing requirements
- Ad-hoc prioritization techniques: two-criteria classification, the 100-dollar technique
- Analytical prioritization techniques
- Combining prioritization techniques

IREB in Practice

Prioritize a realistic backlog using two different techniques and identify exactly where and why the results disagree.

ReqDrive lab: Use Requirement Analyser to surface a quality-based perspective on a requirement set before prioritizing it.

> ***"Two prioritization techniques giving different answers isn't a bug — it's information."***

Module 5 — Version and Change Management

Requirements that stay correct as they change, not just requirements that change

You will learn

- Versioning of requirements: version control, configuration, baselines, branching
- Change management for requirements: causes, sources and timing of change
- Types of changes to requirements
- Analysis and documentation of requirement stability
- The change management process

IREB in Practice

Trace a requirement through three versions and a branch, and reconstruct exactly what changed, when, and why — using only what was documented at the time.

ReqDrive lab: Use ReqM to manage a version history and document a change through a defined change-management process.

> ***"If you can't reconstruct why a requirement changed, you can't defend the decision either."***

Module 6 — Requirements Traceability

Connecting requirements to everything that depends on them

You will learn

- Reasons for requirements traceability
- Different traceability views
- Relationship types for traceability relationships
- Forms of presentation for traceability relationships: implicit/explicit, bidirectional/unidirectional
- Developing a strategy for project-specific traceability
- Creating and using specific traceability models
- Measures for evaluating implemented traceability
- Challenges in tracing non-textual artifacts

IREB in Practice

Build a traceability chain from business goal to test case for a realistic requirement, then introduce a change and identify everything it actually affects.

ReqDrive lab: Use ReqM for structured traceability and ReqDrive capabilities to explore the change-impact of a modification.

“Traceability is the difference between guessing at impact and knowing it.”

Module 7 — Variant Management for Requirements

When the same requirement set has to support several product variants

You will learn

- Use of variants of requirements
- Forms of explicit documentation of variants and their evaluation
- Feature modeling

IREB in Practice

Model a small feature set across three product variants and identify which requirements are shared, which are variant-specific, and which are silently duplicated.

ReqDrive lab: Use ReqCompass to compare variant-specific requirements for consistency and unintended duplication.

“Duplicated requirements across variants don't just cost effort — they cost consistency.”

Module 8 — Reporting in Requirements Management

Turning requirements data into something a stakeholder can act on

You will learn

- Goals and benefits of reporting in requirements management
- Establishing a reporting system: interfaces, report contents, development tips, the report definition process
- Key figures in Requirements Engineering, including the Goal-Question-Metric method
- Risks and problems in reporting

IREB in Practice

Design a report for a stakeholder who currently gets a raw requirements export and can't use it, using the Goal-Question-Metric method to decide what it should actually contain.

“A report nobody asked a question for is a report nobody will read.”

Module 9 — Management of Requirements Engineering Processes

Treating RE itself as something to define, monitor and improve

You will learn

- Requirements Engineering as a process
- Parameters of the Requirements Engineering process
- Documenting the Requirements Engineering process
- Monitoring and controlling the Requirements Engineering process
- Process improvement in Requirements Engineering

IREB in Practice

Document the RE process actually being followed on a project — not the one written down in the handbook — and identify the single biggest gap between the two.

ReqDrive lab: Use ReqM to document RE process parameters and monitor them against a realistic project scenario.

“The RE process you can't monitor is the RE process you can't improve.”

Module 10 — Requirements Management in Agile Projects

The same governance questions, asked inside sprints instead of phases

You will learn

- Background
- Requirements management in agile projects
- Mapping requirements management activities to Scrum activities

IREB in Practice

Map a full requirements management activity — prioritization, traceability, or change management — onto a Scrum team's actual ceremonies, without adding a parallel process the team will ignore.

ReqDrive lab: Use ReqCompass to explore how a structured requirements management activity fits into an agile workflow without becoming overhead.

“Agile doesn't remove the need for requirements management — it changes where it happens.”

Module 11 — Use of Tools in Requirements Management

What a tool should do for you, and what it can't do instead of you

You will learn

- The role of tools in requirements management
- Basic procedure for tool selection
- Data exchange between requirements management tools

IREB in Practice

Evaluate whether a given requirements management tool would actually fit a specific project's traceability and reporting needs — before assuming a bigger tool is a better one.

ReqDrive lab: Use ReqDrive to see how AI-assisted requirements management support compares with a manual process for the same task.

“A tool should strengthen your requirements management practice — not become a substitute for it.”

IREB in Practice — Powered by ReqDrive

ReqDrive is integrated into selected exercises as an AI-assisted practice environment, helping learners compare their own requirements-management decisions — attribute design, prioritization, traceability, change impact — against an AI-assisted perspective.

The End-to-End ReqDrive Lab

01 Structure the Requirements Management Plan — ReqM
02 Build the Requirements Information Model — ReqM
03 Design and Populate Attributes — ReqM
04 Prioritize with an AI-Assisted Quality Perspective — Requirement Analyser
05 Manage Versions and Change — ReqM
06 Trace and Assess Change Impact — ReqM / ReqDrive

07 Compare Requirement Variants — ReqCompass
08 Generate a Status Report — ReqM

What You Will Be Able to Do

- Explain the goals, tasks and benefits of requirements management.
- Design and apply a Requirements Information Model.
- Design an attribute schema and build targeted views for stakeholders.
- Apply ad-hoc and analytical requirements prioritization techniques.
- Manage requirement versions, baselines and changes through a defined process.
- Build and evaluate a project-specific requirements traceability strategy.
- Manage requirement variants and apply feature modeling.
- Design a requirements management reporting system, including key figures.
- Document, monitor and improve the Requirements Engineering process itself.
- Map requirements management activities onto an agile/Scrum workflow.
- Evaluate and select requirements management tools appropriately.
- Use AI-assisted tools responsibly in requirements management work.
- Prepare systematically for the Requirements Management Practitioner or Specialist certification.

Who Should Attend?

- Certified CPRE Foundation Level holders
- Requirements Engineers
- PMO and quality-assurance roles
- Business Analysts
- Systems Engineers
- Product Owners and Product Managers

The course is also suitable for organizations that need a shared, defensible approach to requirements governance across multiple projects.

Prerequisites

This is an Advanced Level module and assumes IREB CPRE Foundation Level certification or clearly equivalent working knowledge of core Requirements Engineering concepts, including basic requirements documentation and version-control practices.

Course Format

Duration	2 Days
Delivery	Live Online • Corporate / On-site
Learning	Instructor-led sessions • Case studies • Individual and group exercises • ReqDrive labs • Examination preparation

Certification

IREB CPRE Advanced Level — Requirements Management

The course is designed around the official IREB syllabus and prepares participants for either certification track: the Requirements Management Practitioner exam (multiple-choice) or the Requirements Management Specialist exam (a self-paced written assignment submitted to a licensed IREB certification body).

"TRAINING ≠ CERTIFICATION"

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

Why Learn with Baseline Skills?

- Standards-based learning aligned with the official IREB Requirements Management syllabus.
- Practical exercises across attribute design, prioritization, traceability, and reporting — not theory alone.
- AI-assisted Requirements Engineering practice via ReqDrive.
- Preparation for either the Practitioner or the Specialist certification track.
- Real-world scenarios involving evolving, multi-stakeholder requirement sets.
- Learning from practitioners with industry and training experience.

For Organizations — Build a Common Capability

A corporate Baseline Skills Requirements Management program can combine the IREB framework with your organization's own tooling, attribute schemas, and existing traceability practice.

- A shared requirements management vocabulary and plan structure
- Consistent attribute schemas and views across projects
- Stronger, evaluated traceability practices
- A defensible, documented prioritization approach
- Reporting that's designed around real stakeholder questions
- Experience with AI-assisted requirements management

What Comes Next?

This module combines with CPRE Advanced Requirements Elicitation and CPRE Advanced Requirements Modeling toward the full CPRE Advanced Level, and connects to Baseline Skills learning paths in Business Analysis and Systems Engineering.

Frequently Asked Questions

Do I need CPRE Foundation Level first?
Yes, or clearly equivalent practical Requirements Engineering experience.

Which certification should I choose — Practitioner or Specialist?
Practitioner is a multiple-choice exam covering all educational objectives; Specialist is a self-paced written assignment with deeper analysis and evaluation requirements. Your trainer can help you choose based on your goals.

Is this course specific to one requirements management tool?
No. The course teaches concepts and techniques that apply across tools; a specific tool is never placed in the foreground.

Is ReqDrive required to take the course?
No. ReqDrive is used as a practical comparison environment during selected exercises; the underlying techniques are taught independently of it.

Does this cover agile projects specifically?
Yes. A dedicated module maps requirements management activities onto agile and Scrum workflows.

Is the certification exam included?
This depends on the selected course session. Please check the session details for the applicable training and examination arrangement.

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