

Bow Tie and Critical Risk Management

Construct a scoped bow tie and use evidence to distinguish critical barriers, performance requirements, degradation and verification.

Who it is for

Risk practitioners, engineers and people responsible for control performance and verification.

Duration

8 teaching weeks, plus one separate orientation week and a separately scheduled final assessment window.

What you will learn to do

- Define threat pathways, the top event and credible consequences.
- Build a bow tie linking preventive and mitigative barriers to the scenario.
- Explain critical controls, performance evidence, degradation and verification.

How you learn and plan your time

Study at your own pace within the scheduled weekly timetable. Read the assigned learner-guide section, follow the interactive narrated lesson, work through examples and complete the practice. Use the feedback to revisit relevant teaching before retrying. Formal assessments and the practical portfolio are separate from ungraded practice.

Weekly workloads vary and some weeks require extended study. Request the detailed intake study plan before enrolment; reading, practice, feedback, revision and assessment all require time. Planning allowances are not measured completion times.

Assessment and completion

Every weekly learning outcome must be demonstrated. Where numerical marking applies, the weekly minimum is 65%, alongside the required outcome evidence. Other written judgments use Not achieved, Partially achieved or Achieved, supported by evidence and a moderation reason. Verifiable alternative written evidence may demonstrate the same outcome.

The final examination contributes 40% and the practical component 60%. Each component must reach at least 60%; the weighted overall result must reach 70%, with all essential outcomes met. Timed assessments allow 90 minutes and three total attempts, subject to the course rules, deadlines and applicable tutor support.

Results remain provisional until human review and moderation. Any certificate confirms successful completion of the course, not completion of an individual lesson. Certificate issue arrangements are confirmed separately; instant automated certificate PDFs and public online verification are not currently offered. No external accreditation or recognition is claimed.

Quotation and enrolment

Pricing is available on quotation. An enquiry requests information or a preferred intake; it does not confirm a seat, accept registration, verify payment or grant learning access. Intake availability and the agreed payment arrangements are confirmed before enrolment.

For course enquiries and support, contact learning@targelispartners.com. Support and reassessment arrangements are explained in the issued course rules.

Course outline

Orientation - Welcome and orientation

Week 1 - Scope, hazards and material unwanted events

Week 2 - Threats, top events and consequences

Week 3 - Preventive and mitigative controls; barrier quality

Week 4 - First-half revision; critical-control selection and justification

Week 5 - Degradation factors, dependencies and human factors

Week 6 - Performance standards, owners and verification plans

Week 7 - Failed or unknown controls; escalation and restoration

Week 8 - Second-half revision; bow-tie register and failure-response preparation

Final window - Final examination and practical submission in the separately scheduled final window

Your timetable

Orientation is a separate week. Teaching units open Monday at 00:00 South African time. Ordinary weekly and final submission deadlines are Sunday at 10:00 South African time. A full 90-minute timed assessment must start no later than Sunday at 08:30. Approved individual arrangements are confirmed separately.

Reading and resources

A Targelis learner guide and course resources support your study. Assigned sections are identified in the course reading list. Where Fundamentals of Risk Management is required, the approved edition is the seventh edition. Your quotation must identify the required licence, included cost and confirmed access arrangements; avoid a duplicate purchase if you already have a valid licence.

Scheduled first intake

Orientation 2026-11-16; teaching 2026-11-23; final opens 2027-01-18; final deadline 2027-01-24 at 10:00 SAST.

Calendar availability, intake study plan, licence access and certificate issue arrangements are confirmed before enrolment. No external accreditation or recognition is claimed.