

IEEE NSREC Short Course Archive — User’s Guide

Interactive navigator for the complete Short Course Compendium, 1980–2026 • 47 courses • 203 sections • 253 PDFs

Getting Started

Open **index.html** (in the top level of the archive folder) by double-clicking it. It opens in your web browser and works entirely offline — no internet connection is required. Everything is included in this one file except the course PDFs themselves, which it links to. **Keep index.html in the archive folder:** if it is moved out, or the year folders are renamed, the links to the PDFs will break.

Best viewed in **Chrome, Edge, or Firefox**. These browsers open the course PDFs in a built-in viewer that supports jumping to a specific page (used by the table-of-contents links described below).

The Four Tabs

Browse & Search	The main archive: every short course from 2026 back to 1980, with search, filters, tables of contents, and executive summaries.
History	The story of the Short Course, era by era, from its 1980 origins at Cornell to the 2026 course in San Juan.
Trends & Evolution	How course topics evolved by decade - from Cold War hardening to AI accelerators.
Key Concepts	The core topic domains (environments, TID, SEE, hardening...) with buttons that jump to matching course sections.

Courses are listed **newest first**, so the current year’s course is always at the top. In the History, Trends, and Key Concepts tabs, any year shown as a link jumps straight to that course’s card in Browse & Search.

Searching

- Click the search box (or just press the **/** key anywhere) and type. Results filter as you type.
- Search covers **titles, authors, themes, locations, full tables of contents, and executive summaries** — so a term like “latchup” finds sections even when it only appears deep in a chapter heading.
- Multiple words narrow the search (all words must match). Example: *single event burnout*.
- A gold **match** badge on “Table of contents” or “Executive summary” shows where the hit is. When results are narrow (25 sections or fewer), those panels expand automatically with the matched words **highlighted**.
- Press **Esc** to clear the search box; the results counter under the buttons always shows how many courses/sections match.

Filtering & Navigating

- **Era buttons** (e.g. 2020–2026 Modern & Emerging) limit results to a date range; **topic chips** (TID, SEE, Hardening...) limit to subject areas. Both combine with search, and **Clear filters** resets everything.
- The **year strip** under the toolbar jumps directly to any year, 2026–1980.
- Click a **course card header** to expand or collapse that year; **Expand all / Collapse all** do it in bulk. The **↑** button (bottom right) returns to the top.

Opening the Course PDFs

- Every section shows blue **PDF buttons** (e.g. 2026 NSREC Short Course_Part1.pdf). Click to open that part in your browser.

- Inside each **Table of contents**, every numbered entry is a link that opens the PDF **at that exact page** (the page number is shown alongside). This works in the built-in PDF viewers of Chrome, Edge, and Firefox; if your computer opens PDFs in a separate application instead, the file still opens — just at page 1.
- Tables of contents use uniform numbering (1, 1.1, 1.1.1) with indentation for subsections, regardless of the numbering style used in the original course book.

PDF Viewer Tips & Known Quirks

- **Links printed inside the PDFs may not respond in Chrome's viewer.** Most course books' own "Contents" pages are plain text (not hyperlinked), and where links do exist, Chrome's built-in viewer is stricter than Adobe Acrobat or macOS Preview and may not activate them. This is normal — use the workarounds below.
- **Preferred:** navigate from the archive's own **Table of contents** panels in index.html — those links jump to the exact page and work in Chrome, Edge, and Firefox for every course, even where the PDF itself has no clickable links.
- **Inside Chrome's viewer:** open the **outline sidebar** (the list icon at the top-left of the PDF toolbar) — every PDF in this archive has chapter bookmarks there, and sidebar navigation works in all viewers.
- **Prefer Adobe/Preview?** Open the PDF straight from its year folder, or right-click a PDF button in the navigator and choose "Save/Download link". In-document links and bookmarks work fully there. (Note: if you set Chrome to always download PDFs instead of viewing them, the navigator's page-exact links will open the file at page 1.)

Executive Summaries

Each section includes an expandable **Executive summary** — a bulleted digest of the section's key points. These summaries were generated by ChatGPT as study aids and may contain errors or omissions; always consult the course PDF for authoritative content.