ProQuest

Technology Collection

Materials Science Database	Materials Science Collection	Technology Collection
Materials Science Index		
Engineering Database	Engineering Collection	
Engineering Index		
Advanced Technologies & Aerospace Database	Advanced Technologies & Aerospace Collection	
Computer Science Database		
Advanced Technologies & Aerospace Index		

Overview

The Technology Collection is a full-text database supported by a specialized A&I file. Its content covers comprehensive scholarly output and is managed by an expert editorial team overseeing content selection and indexing supported by a controlled vocabulary. The Technology Collection is comprised of three databases:

- **Advanced Technologies & Aerospace Database** –
    - This database includes the renowned **Aerospace Database** and provides full-text titles from around the world including scholarly journals, trade and industry journals, magazines, technical reports, conference proceedings, government publications, and more.
    - **Advanced Technologies & Aerospace Index**
    - **Computer Science Database**
- **Materials Science & Engineering Database** – This resource indexes the world's most important materials science and engineering literature and combines it with carefully curated full text including scholarly journals, trade periodicals, magazines, technical reports, conference proceedings, government publications, and more.

The collection secures access to over 8,800 titles, out of which 5500 are with current FT.

Subject coverage

- Advanced technologies
- Aerospace engineering
- Automotive engineering
- Bioengineering and biotechnology
- Chemistry and chemical engineering
- Civil engineering
- Communications
- Composites
- Computer science
- Construction materials
- Earthquake engineering
- Electronics and electrical engineering
- Engineered materials
- Environmental engineering
- Homeland security and terrorism
- Industrial and manufacturing engineering
- International relations
- Materials science
- Mathematics
- Mechanical engineering
- Metallurgy
- Military and defense
- Nanoscience and nanotechnology
- New technologies
- Physics
- Polymer science
- Steels, alloys, and non-ferrous metals
- Telecommunications
- Transportation engineering

Through the Technology Collection the library will access additional full text content and importantly several bibliographies to secure precise searches:

Components	Component product type	NEW to CTK
Advanced Technologies & Aerospace Database	FT	X
Computer Science Database	FT	X
Advanced Technologies & Aerospace Index	A&I	X
Aerospace Database	A&I	X
Electronics & Communications Abstracts	A&I	X
Computer & Information Systems Abstracts	A&I	X
Solid State and Superconductivity Abstracts	A&I	X
Materials Science Database	FT	Already accessible
Engineering Database	FT	Already accessible
Materials Science Index	A&I	Already accessible
Engineering Index	A&I	Already accessible
METADEX	A&I	Already accessible
Aluminum Industry Abstracts	A&I	Already accessible
Ceramic Abstracts	A&I	Already accessible
Engineering Materials Abstracts	A&I	Already accessible
Materials Business File	A&I	Already accessible
ANTE: Abstracts in New Technologies and Engineering	A&I	Already accessible
Biotechnology and Bioengineering Abstracts	A&I	Already accessible
Civil Engineering Abstracts	A&I	Already accessible
Earthquake Engineering Abstracts	A&I	Already accessible
Environmental Engineering Abstracts	A&I	Already accessible
Mechanical & Transportation Engineering Abstracts	A&I	Already accessible