Technologies

❖ **Print and Online Journals. Some titles may have backfiles only**

Chronicle of Higher Education. Click to Access
Aerospace. Click to Access
Engineering & Applied Sciences Journals. Click to Access

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❖ **A-Z Database List – Remote access requires a Southwest username and password**

Technology (Gale eBooks)

Information Science Database (Gale OneFile)
Computers and Technology (Gale General OneFile)
Computer Science Database (ProQuest)
Ebook Central (ProQuest)
Telecommunications Database (ProQuest)

Engineering Database (ProQuest)

Advanced Technologies & Aerospace Database (ProQuest)

❖ **Streaming Media**
Locating Engineering Resources (YouTube)
AVON Collection: Science and Engineering (Alexander Street)

❖ **OER (Open Education Resources).**
The link below is customized for Computer and Information Science

[OER Commons](#)

[Tennessee Open Education Hub](#)
[Technology Journals](#) (Directory of Open Access Journals)
[Aeronautics and Aerospace](#)

❖ **Faculty Select**

Faculty can search and access quality open textbooks, Open Educational Resources (OER), and request access to unrestricted library e-books from top academic publishers.

❖ **Books. The list may include print and digital titles. Browse the shelves to search for items.**

Basics of Web Design: HTML5 & CSS3. Felke-Morris, Terry.

> *Basics of Web Design: HTML5 & CSS3* is a foundational introduction to beginning web design and web development. The balance of "hard" skills such as HTML 5 and Cascading Style Sheets, and 'soft' skills such as web design and publishing to the Web provides students with a well-rounded foundation as they pursue careers as web professionals." – Publisher

Modern Automotive Technology (8th ed). Duffy, James E.

> "*Modern Automotive Technology*, updated for 2014, is a comprehensive textbook organized around the ASE automobile test areas that supports career readiness for those wishing to pursue a job in the automotive industry. It details the construction, operation, diagnosis, service, and repair of late-model automobiles and light trucks. Using a building block approach, readers first learn the fundamentals of automotive systems and then progress gradually to complex diagnostics and service procedures. Updated content throughout the textbook, including a new Fundamentals of Electricity and Electronics section and a new Superchargers and Turbochargers chapter, prepares you to service today's vehicles. This book is also a perfect reference for experienced technicians preparing for industry certification." – Publisher

Pearson Custom Computer Science. Southwest Tennessee Community College.

Surveying with Construction Applications (7th ed). Kavanagh, Barry F.

> "Covering both principles and a wide range of contemporary applications, it is well-suited to Fundamentals courses, Applications courses, or both. Revisions focus on recent improvements in instrumentation technology, field data capture, and data

processing, describing how these change the way surveyors interact with construction professionals and engineers." – Publisher

System Analysis and Design in a Changing World (7th ed). Burd, Stephen; Jackson, Robert; Satzinger, John.

"This groundbreaking text provides the most comprehensive, balanced and up-to-date coverage of systems analysis and design available. Instructors continue to have the flexibility to emphasize one approach over the other, or both, while referring to one integrated case study that runs through every chapter. Throughout, the authors emphasize fundamentals of lasting value, while addressing the diverse development environments available today." – Publisher

Technology in Action (16th ed). Evans, Alan; Martin, Kendall; Poatsy, Mary Anne.

"This book offers a learning system that pushes the envelope of what is possible in technology, and what is helpful in teaching. Although students are more comfortable with the digital environment than ever, their knowledge of the devices they use every day is still limited. The authors focus on tasks that students can accomplish with their devices, and skills they can apply immediately in the workplace, the classroom, and at home. This book fits the way students are learning today." – Publisher

The Successful Electronics Technician: 12 Essential Strategies for Building a Winning Career. Goetsch, David L.

"The culmination of years of interviews and surveys with top professionals in the industry, *The Successful Electronics Technician* sets out to address this question: In addition to the knowledge and skills learned in school, what does it take to succeed as an electronics technician in today's hyper-competitive workplace? The collected responses were organized into these 12 essential strategies. Practical and hands-on in its approach, this book goes beyond the basics to teach readers not only how to master their electronics coursework, but also how to pursue and obtain the best job, and how to succeed in the job once they have landed it." – Publisher