UCDAVIS UNIVERSITY LIBRARY

Resources in Electrical and Computer Engineering

The library can help with research questions, class projects, and finding books and articles

Contact us for help getting started or if you have questions!

Guide: http://guides.lib.ucdavis.edu/ece

Finding books and journals

- Check the Harvest Library Catalog to find books and journals at UC Davis: http://harvest.lib.ucdavis.edu
- Check Melvyl, the UC-wide Library Catalog, to find books and journals in other UC Libraries: http://melvyl.cdlib.org
- Students, Faculty and Staff can request books and journal articles that UC Davis doesn't own: http://www.lib.ucdavis.edu/pse/services/ill-request.php

Where are the books?

- **Computer Engineering and Electrical Engineering** books (including networking and hardware) are in the Physical Sciences and Engineering Library, on the 3rd floor in the **TK** section.
- **Computer Science** and **Mathematics** books (including programming) are on the 3rd floor of Shields Library, in the **QA76** section.
- **Course reserves** are located in Shields library, on the 1st floor (near the back).

We also have many **online books**, including:

- The **Safari digital library** – all recent O'Reilly books http://proquest.safaribooksonline.com/
- **Springer/Apress books** are online http://springerlink.com/books/
- **The Synthesis Digital Library** – short lectures in hot topics in CS and ECE http://www.morganclaypool.com/page/synthesis.jsp
- **Electrical Engineering NetBase** – books from CRC http://www.electricalengineeringnetbase.com

Finding articles

Use an article database to find citations for articles and conference proceedings, and full text of many articles.

Look for the UC-eLinks button: UC-eLinks to access full-text articles.

To get started, search:

- **Compendex** – the largest database of engineering research literature, containing references from over 5000 engineering journals and conferences.
- **INSPEC** -- Citations from journals, conference proceedings, books, reports, and dissertations in physics, electrical engineering and electronics, computers and control, and information technology. Search together with **Web of Science**.
- **IEEE Xplore** – Online access to IEEE transactions, journals, conference proceedings, and standards and IEE/IET journals and conferences.
- **Association for Computing Machinery (ACM) Digital Library** – All recent ACM articles and conference proceedings are online. Also includes the **Guide to Computing Literature**, a general citation database for computer science.

We also have online articles and proceedings from:

- **Electrochemical Society** – **Optical Society of America** – **SPIE** – **Springer** – **Wiley** and many more.

Links are on the Electrical Engineering subject guide or from the databases list on our website.

Download Endnote to help manage citations: http://www.lib.ucdavis.edu/instruc/research/endnote/

To connect from off-campus to UC licensed resources (most databases and journals) click the VPN button or go to http://www.lib.ucdavis.edu/ul/services/connect/

Tutorials on doing library research are available: http://www.lib.ucdavis.edu/dept/instruc/research/

Contact me for more information:

Phoebe Ayers, ECE & CS Librarian, Physical Sciences and Engineering Library

psayers@ucdavis.edu | 530-752-9948

Physical Sciences & Engineering Library

http://www.lib.ucdavis.edu/pse/

UCDAVIS

PSE Library Hours		PSE Reference Desk Hours	
Mon - Thur	8 am – 10 pm	Monday - Friday	11 am – 5 pm
Friday	8 am – 6 pm	*Or email us at*	
Saturday	Noon – 6 pm	pse@lib.ucdavis.edu	
Sunday	Noon – 10 pm		

Hours change during finals, holidays, intersession and summer.

PSE Subject Areas	Librarian Subject Specialists		
Applied Science	Phoebe Ayers	752-9948	psayers@ucdavis.edu
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Atmospheric Sciences	Carol LaRussa	752-0519	cjlarussa@ucdavis.edu
Chemistry	Cory Craig	752-0347	cjcraig@ucdavis.edu
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Geology	Carol LaRussa	752-0519	cjlarussa@ucdavis.edu
Mathematics/Statistics	Bob Heyer-Gray	752-0348	rheyer@ucdavis.edu
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Transportation	Bob Heyer-Gray	752-0348	rheyer@ucdavis.edu

Contacting PSE

Circulation	752-0540	psecirc@ucdavis.edu
Reference	752-0459	pse@ucdavis.edu

Ask at the Reference Desk if you need information and aren't sure where to start.

Library services include:

- putting books on reserve for faculty and TAs
- helping with copyright questions
- customized library instruction for your class or lab group (working on a project? contact us!)
- individual help with research projects

UC Davis General Library website: ***http://lib.ucdavis.edu*** *– check here for all subjects*