You want me to select for WHAT? Getting started in a new subject area

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Sports? Well, my dad likes football.

Law? At least I know something about that! But what do other people want to know?

I didn’t know there was more than one kind of engineering!
Start with questions

- Who will use these materials? For what?
- What do we have? What’s being used? What do people want that we don’t have?
- What are the major concepts in this subject?
- How do I find new materials? Who are the major publishers?
Check for existing information

- Collection development policies
- Assessment and survey results
- Standing orders, continuations, subscriptions
- Approval plan profiles
- Circulation/usage statistics
- Interlibrary loan / missing items requests
Library goals

- Personal interests
- Curriculum support
- Continuing education
- Professional needs
- Literacy
User characteristics

- Public
  - U.S. Census Bureau (zip code search)
  - Chamber of commerce
  - Phone book, newspaper

- College
  - Admissions / Institutional Research Office
  - College website
  - Catalog and recruiting materials
Collection use / unmet needs

- Collection use
  - Circulation & usage statistics
  - In-house use / Browsing statistics
- Unmet needs
  - Interlibrary loan requests
  - Missing materials
  - Waiting or hold lists
Ok, so our primary goal is to support the curriculum and faculty research needs. But I still don’t know the difference between industrial and mechanical engineering!
Mechanical engineering
- Thermodynamics
- Fluid mechanics
- Heat transfer, conduction, convection, HVAC systems
- Vibration, Acoustics
- Fatigue, Fracture, Plasticity
- Robotics
- Polymeric Composites
- Finite element analysis

Industrial engineering
- Ergonomics, work space design, safety engineering
- Operations research
- Production, inventory models
- Quality control
- Lean Sigma Six, supply chain
- Machining
- Optimization
CD Policy Examples

- Wichita State University
  - [http://library.wichita.edu/colldev/subjectpoliciesalpha.htm](http://library.wichita.edu/colldev/subjectpoliciesalpha.htm)
- Campbell County Public Library (rural WY)
  - [http://ccpls.org/coldev/](http://ccpls.org/coldev/)
LC Classes – GV 1-1198

Recreation. Leisure
- Recreation leadership. Administration of
- Recreational areas and facilities. Recreational
- Outdoor life. Outdoor recreation
  - Camping
    - Farm vacations, dude ranches, etc.
  - Hiking. Pedestrian tours
  - Mountaineering
  - Orienteering. Wilderness survival
  - Caving. Spelunking

Physical education and training
- School and college athletics. Intramural
  and interscholastic athletics
- Physical education facilities. Sports facilities
  including gymnasiums, athletic
  playgrounds, etc.
- Physical measurements. Physical test
- Nudism. Sunbathing
- Gymnastics. Gymnastic exercises
  including calisthenics, heavy exercise,
  acrobatics, etc.

Sports
- Coaching
- Athletic contests. Sports events
- Professionalism in sports. Professional sports
- Umpires. Sports officiating
- Athletic and sporting goods, supplies, etc.
- Air sports: Airplane flying, kite flying, bungee jumping
- Water sports: Canoeing, sailing, yachting, scuba diving, etc.
- Winter sports: Ice hockey, skiing, bobsledding,
  snowmobiling, etc.
- Ball games: Baseball, football, golf, etc.
- Automobile travel. Motoring. Automobile racing
- Cycling. Bicycling. Motorcycling
- Track and field athletics
- Fighting sports: Bullfighting, boxing, fencing,
  Shooting. Archery
  Wrestling
Bibliographies and guides

- www.worldcat.org
  - Business libraries collection development
  - Engineering bibliography
  - Public libraries United States book lists
Subject concepts – sources

- Course descriptions, syllabi
- Curriculum guides or national standards
- Textbooks
- Encyclopedias, almanacs, handbooks
- Magazines and newspapers
Hmm, I’ve figured out who uses the collection. I’ve identified the major concepts for my subject. Now, where do I find materials for my library?
Review Journals

- Review journals
  - Booklist (public)
  - Choice (academic)
  - School Library Journal (children)

- Online magazine collections (example)
  - Gale’s Academic ASAP advanced search
  - Journal = booklist, dates = October 2009
  - Keyword = book review
Industry sources

- Best seller lists
  - Christian Bookseller Association, [http://www.cbaonline.org/nm/BSLs.htm](http://www.cbaonline.org/nm/BSLs.htm)

- Publisher catalogs and websites

- Vendor Lists
  - [http://www.blackwell.com/library_services/blackwell_recommends](http://www.blackwell.com/library_services/blackwell_recommends)

- Approval plans
Best book lists

- Resources for College Libraries (database)
- Essential guide to Spanish reading (book)
- Doody's Core Titles in the Health Sciences (annual list)
Other sources

- Award lists
- Media
  - Earlyword.com
  - Reviews and advertisements
- Requests
- Who will use these materials? For what?
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Questions?