

1. ECU Library Tutorials:
 - a. <http://www.ecu.edu/cs-lib/research/Tutorials.cfm> (includes how to read scientific research articles, step by step and a literature review video tutorial)
2. ECU Engineering Research Guide:
 - a. Library Databases/One Search
 - b. looking at what the most recent issues of journals are publishing is a good way to find a topic when you are uncertain: it shows what people in the field are writing about right now
3. One Search → “mechanical engineering” → filter “full text online” and “scholarly/peer reviewed” → *Australian Journal of Mechanical Engineering* → search → “robots” → <http://www.tandfonline.com/doi/full/10.1080/0144929X.2013.783115> → Read the abstract first to determine if it will be useful or interesting!
4. How to learn more about this topic?
 - a. Check their cited sources or do a database search of our newly refined terms: “medical engineering robotics” through library main database (ecu.edu/lib) or Google Scholar (scholar.google.com) → “Responsibility in Medical Robotics” <http://dx.doi.org/10.1007/s11948-011-9301-3> & “Surgical Robotics Applications” <http://ieeexplore.ieee.org/document/6530703/>
 - i. **note that not every result that appears in Google Scholar will be available, because some are only available through paid subscription/membership - searching via ECU library ensures that all results are available to you
5. Effective Reading:
 - a. <https://student.unsw.edu.au/effective-reading>
 - b. <https://www.wlv.ac.uk/lib/media/departments/lis/skills/study-guides/LS009-Guide-to-Effective-Reading.pdf> (handout)
6. Annotating:
 - a. http://apcentral.collegeboard.com/apc/public/courses/teachers_corner/197454.html
 - b. CRAFT method
 - c. An annotated bibliography is sometimes the first step to a lit review: <https://owl.english.purdue.edu/owl/resource/614/01/>
7. Synthesis:
 - a. <https://www.temple.edu/writingctr/support-for-writers/documents/SynthesizingSources.pdf>
 - b. Synthesis & Lit Reviews: <http://writingcenter.unc.edu/handouts/literature-reviews/>
8. Literature Review:
 - a. Literature Reviews via Engineering Central at Cal Poly Uni: <http://guides.lib.calpoly.edu/engineering/literature>
 - b. Literature Reviews via Engineering Comm at Uni Toronto: <http://ecp.engineering.utoronto.ca/online-handbook/components-of-documents/literature-reviews/>

- c. Literature Reviews via Arizona State Uni Engineering (**includes samples that are available at ECU Library**):
<http://libguides.asu.edu/engineerlitreview/whatis>
 - d. OWL Purdue's Quoting, Paraphrasing, Summarizing:
<https://owl.english.purdue.edu/owl/resource/563/1/>
 - e. IEEE: <https://www.ieee.org/documents/ieeecitationref.pdf> &
<http://pitt.libguides.com/citationhelp/ieee>
9. Next Steps
- a. IEEE conference publication on the disparities between what Engineering students are doing in the writing classroom and what writing they need in the field & improving writing instruction in engineering programs:
<http://ieeexplore.ieee.org/document/5350547/authors>