Resources for Undergraduate Engineering Students

General Resources for Undergraduate Engineering Students

Handouts for Engineering Students from Richard Felder’s Homepage.
Materials that engineering students may find interesting or useful.

Web Guide to Research for Undergraduates (WebGURU), funded by the National Science Foundation Division of Undergraduate Education’s Educational Materials Development Program.
An extensive and well-organized student guide, with information and links to electronic resources for undergraduate students participating in research in science, technology, engineering, and/or math. Includes a wide array of material ranging from the technical aspects of undergraduate research to such issues as research integrity, intellectual property, mentoring, and scholarships/fellowships. Has case studies, a discussion forum, and much more to enhance student success as undergraduate researchers.

Research Experiences for Undergraduates, REU Program, (National Science Foundation).
The REU Program supports undergraduate research in any of the areas of research funded by the National Science Foundation. This site provides access to funding opportunities and deadlines, plus guidelines for preparing a proposal and managing an award.

Founded in 1997, this online journal edited and run by undergraduates offers a publishing opportunity for undergraduate researchers in the sciences. Articles are organized in three areas: Physical Sciences and Mathematics, Biological and Biomedical Sciences, and Basic Engineering Sciences.

Council on Undergraduate Research (CUR).
Provides many programs and projects for student researchers and mentoring faculty, including the CUR Quarterly, which addresses issues in supporting and sustaining undergraduate research. Also holds an annual Posters on the Hill in which 60 competitively selected undergraduate student researchers and their advisors display research posters at the U.S. Capitol.
These resources were compiled and annotated by Lois Rosen, Ph.D., Instructional Consultant for the Office of Faculty and Organizational Development, Michigan State University.

Source URL: http://fod.msu.edu/oir/resources-undergraduate-engineering-students

Links