Cover (8.5 x 5.5)

Design your own engineering career. The world of Oregon engineering and you

Other options for taglines:
Engineer your future. Oregon engineering careers and you
Shape your own engineering career. Make a world of difference.
Design your engineering career. Oregon engineering careers and you
Make a real difference. Oregon engineering careers and you
Make a difference in a real way. Oregon engineering careers and you

Question: if you were to imagine your ideal career, what shape would it take?
Explore what engineering has to offer.
GetReal.ous.edu

(show icons that will be explained inside as well as image/images invoking possibility, aspiration, possible photo/s of hs student)

Open here to choose from the engineering palette and shape your own engineering career….

Inside centerfold (8.5 x 11 page)

Design your own engineering career

Choose as many design options as you want from the palette to dream up your virtual engineering future! Then, take the first steps to make it real.

Design the options below in a drawing program kind of format, "choose an element: pictographs, each one with some type of icon or building element, as if students are designing a virtual career from these elements

In my dream engineering job I would:

Make a difference in real ways
Use creativity to improve lives
Discover solutions to real problems
Make good money
Create and design the next cool thing
Know people and what they need
Solve interesting puzzles
Be in a cutting-edge field
Work with cool, creative people
Work with people all over the world
Accomplish things as a team
Be challenged every day
Connect my work with community needs
Have fun with what I do
Lead by innovating for the future

Other (fill in!) ________________.

Some things I'd love to do…
Design remote cameras for surgery
Create the next big thing for renewable energy
Engineer bridges for the 21st century
Invent new aerospace technology
Improve solar energy
Make sure the Eiffel Tower stays up
Create software for people with disabilities
Design the next city tram
Engineer portable music technology
Invent new equipment to keep workers safe
Design bicycle wheels for Olympic cyclists
Increase farmers' harvests
Develop computer games that teach
Make the best wind turbines

Create safe water straws for 3^{rd} world countries
Other (fill in!) __________

Real people in engineering

Design as if their photos are framed in a finished but dynamic "picture" with similar format to the options in the palette.

Jaynie Schonbrod, a recent Mechanical Engineering grad, splits her time at OSU between mechanical engineering, communications studies, and managing OSU's world champion Mini Baja racing team. An internship led Jaynie from OSU to a full time job.

Photo and short blurb on a young professional

Looking for a future with a real salary? The top 4 most lucrative degrees were recently reported to be in the field of…. you guessed it: engineering!

1. Chemical Engineering
2. Computer Engineering
3. Electrial, electronics, and communications engineering, and
4. Mechanical engineering

Source: CNN/Money and the National Association of Colleges and Employers (NACE), from www.jets.org/students/possibilities.cfm Note: need to verify year

Back (8.5 x 5.5)

Make it Real

Engineering in Oregon and beyond…

Engineering is a very big field, so the first thing to do is to start looking around and exploring what different kinds of engineering have to offer. Here are just a few to think about: software engineering, civil engineering, bio and biomedical engineering, electrical engineering, chemical engineering, mechanical engineering, and more. GetReal.ous.edu is a great resource to find out about specific engineering fields and about opportunities right here in Oregon.

GetReal.ous.edu

Colleges

Each of the campuses of the Oregon University offer engineering degrees, computer science degrees or both. Community colleges and private colleges in Oregon also offer good ways to get started in these fields. Find out more at GetReal.ous.edu

Salaries

"How much money can I make with a engineering or computer science degree?" The top 4 most lucrative college degrees are in engineering fields, so you can make a great living as an engineer. Salary depends on your college degree, the position you are hired for, and the type of organization, such as a large company, a school district, or a smaller organization. Below are average salaries for Oregonians in just a few of many different branches of engineering. For more information on salary trends in each field, and how many jobs are out there, go to GetReal.ous.edu:

Average Annual Wages for Oregon Jobs in 2008
Computer Software Engineers, Systems Software: $94,247
Chemical Engineers: $88,965
Materials Engineers: $80,971
Mechanical Engineers: $75,014

NOTE: Figures and job titles are based on the on-line Occupation Information System of the Oregon Employment Department report, 2007. For most current reports, go to http://www.qualityinfo.org/olmisj/OIC?ccc. Note: need to look up updated info if it is there, and more types of engineering