

Nuclear Engineering Definition

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Nuclear Engineering Definition

Nuclear engineering is the branch of engineering concerned with the application of breaking down atomic nuclei (fission) or of combining atomic nuclei (fusion), or with the application of other sub-atomic processes based on the principles of nuclear physics. In the sub-field of nuclear fission, it particularly includes the design, interaction, and maintenance of systems and components like nuclear reactors, nuclear power plants, or nuclear weapons.

Nuclear engineering - Wikipedia

Nuclear engineering, the field of engineering that deals with the science and application of nuclear and radiation processes. These processes include the release, control, and utilization of nuclear energy and the production and use of radiation and radioactive materials for applications in research, industry, medicine, and national security.

Nuclear engineering | Britannica

Noun. 1. nuclear engineering - the branch of engineering concerned with the design and construction and operation of nuclear reactors. applied science, engineering science, technology, engineering - the discipline dealing with the art or science of applying scientific knowledge to practical problems; "he had trouble deciding which branch of engineering to study".

Nuclear engineering - definition of nuclear engineering by ...

Noun. 1. nuclear engineering - the branch of engineering concerned with the design and construction and operation of nuclear reactors. applied science, engineering science, technology, engineering - the discipline dealing with the art or science of applying scientific knowledge to practical problems; "he had trouble deciding which branch of engineering to study".

Nuclear engineer - definition of Nuclear engineer by The ...

n the branch of engineering concerned with the design and construction and operation of nuclear reactors. Type of: applied science, engineering, engineering science, technology. the discipline dealing with the art or science of applying scientific knowledge to practical problems. Word Family. nuclear engineering.

nuclear engineering - Dictionary Definition : Vocabulary.com

Nuclear engineering is the branch of engineering concerned with the application of the nuclear fission as well as the nuclear fusion and the application of other sub-atomic physics, based on the principles of nuclear physics. In general, nuclear engineering deals with the application of nuclear energy in a variety of branches, including nuclear power plants, naval propulsion systems, food production or medical diagnostic equipment such as MRI machines.

Nuclear Engineering - What is Nuclear Power

Nuclear engineers work to harness the energy released from nuclear reactions. Their field, nuclear engineering, deals with the application of nuclear energy in a variety of settings, including ...

What Is Nuclear Engineering? | Live Science

Nuclear Engineer Definition. Nuclear engineers design the equipment and create the operating

procedures used in nuclear power plants. Many also operate the machinery that monitors nuclear power ...

Nuclear Engineer: Job Description & Requirements

Nuclear Engineering International covers the civil nuclear power industry in news, in-depth technical articles and informed opinion. It also features a nuclear industry supply chain buyers' guide arranged by subject and country.

Nuclear Engineering International

The Nuclear PE Professional Engineering Licensure for Nuclear Engineers. The Credential that Gives you the Edge. The American Nuclear Society offers the following materials to help you prepare for the PE Nuclear Exam: PE Nuclear Exam Preparation Module Program A video-based program covering the four specification areas that make up the PE ...

Path to Nuclear PE -- ANS

Princeton's WordNet (0.00 / 0 votes)Rate this definition: nuclear engineering (noun) the branch of engineering concerned with the design and construction and operation of nuclear reactors.

What does Nuclear engineering mean? - definitions

This compensation does not influence our school rankings, resource guides, or other information published on this site. Got it! Nuclear Engineering is the design and application of various technologies that harness nuclear energy in a productive way.

How to Become a Nuclear Engineer | EnvironmentalScience.org

Overview. Nuclear engineers harness the power of the atom to help solve large and difficult problems facing humanity. They design power plants that create energy to power homes and businesses without producing greenhouse gases.

Nuclear Engineer | Science & Engineering Career

Engineering is the use of scientific principles to design and build machines, structures, and other items, including bridges, tunnels, roads, vehicles, and buildings. The discipline of engineering encompasses a broad range of more specialized fields of engineering, each with a more specific emphasis on particular areas of applied mathematics, applied science, and types of application.

Engineering - Wikipedia

Dictionary entry overview: What does nuclear engineering mean? 1. the branch of engineering concerned with the design and construction and operation of nuclear reactors.

What does nuclear engineering mean? definition, meaning ...

Some teach in colleges and universities. Other engineers are employed in nuclear power plants and in factories that make nuclear equipment or weapons. Sometimes nuclear engineers work chiefly in design engineering. They often design and develop new devices used to generate nuclear power, such as nuclear reactors.

Nuclear Engineer Job Description, Career as a Nuclear ...

The branch of engineering concerned with the technology of nuclear fission and nuclear fusion, especially for power generation. Origin 1940s; earliest use found in Nucleonics.

Nuclear Engineering | Definition of Nuclear Engineering by ...

nuclear: [adjective] of, relating to, or constituting a nucleus.