



University of Technology

Nanotechnology and Advanced Materials Research Center

Courses and training programs in the fields of nanotechnology:

It has been prepared to develop applied scientific training programs at the center by including modern scientific developments in the fields of nanotechnology. These programs are carried out to State institutions through the development of specialized science courses in subjects which supply the industrial sector, where these programs include practical training inside the center on the operational devices. The most important of these courses include:

	The training program name
1	Scanning electron microscope and the basics of his work- SEM
2	The use of X-ray device and its applications- XRD
3	Assisting factors nanoparticles in the industrial application
4	The use of nanotechnology in the design, construction and maintenance of carrier lines for oil and gas
5	The Nanotechnology economics and accounts of economic Feasibility to the Industrial Projects
6	Design and construction of the (oil and gas) storage tankers in accordance with the standard- API
7	Nanotechnology applications in the drilling of oil wells
8	Nanotechnology applications in the oil and gas industry projects
9	Atomic force microscopy and diagnostic methods and measurement AFM
10	Diagnostic methods and measurement of functional aggregates using FTIR
11	The use of nanotechnology in the Processing of the contaminated water for the industrial and oil sectors
12	The application of nanotechnology in the field of renewable and alternative energies
13	Uses of nanotechnology in medical-bio applications
14	Uses of nanotechnology in drug delivery in medical applications
15	the Nano Fiber and its uses in filters
16	Diagnostic methods and measurement using a UV device