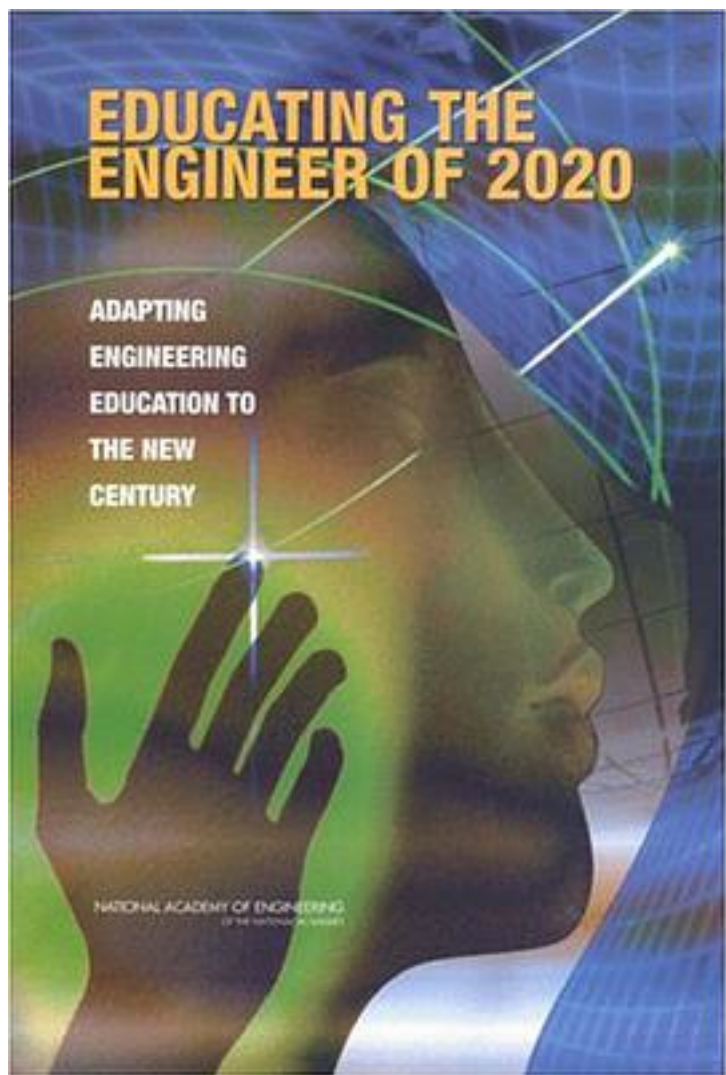


Educating the Engineer of 2020



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Phase I in the Engineer of 2020 project, Visions of Engineering in the New Century, described a set of attributes that are expected to be necessary for engineers that will perform well in a world that is driven by rapid technological advancement, national security needs, aging infrastructure in developed countries, environmental challenges brought about by population growth and diminishing resources, and the creation of new disciplines that exist at the interfaces between engineering and science. These attributes call for us to educate technically proficient engineers who are broadly educated, see themselves as global citizens, can be leaders in business and public service, and who are ethically grounded. "Educating the Engineer of 2020: Adapting Engineering Education to the New Century", this Phase II report, provides a suite of recommendations that can guide engineering educators, employers of engineers, professional societies, and government agencies in their efforts.

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