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APS1012 Management of Innovation – Final Team Projects, Winter 2011**Creativity in Applied Science and Engineering**

Creativity is the first step in innovation and therefore it has an essential role in the development of new products and services. A critical review of creativity in the fields of applied science and engineering was undertaken in an effort to understand how innovation is initiated. The examination considered:

- current practices in theoretical approaches to creativity
- geographical, political, cultural, and societal factors which influence creativity
- creativity in the workplace

An understanding of creative thinking will help engineers be more efficient and effective in solving the challenges of the future, regardless of geographical, political, or cultural climates. Schools are encouraged to promote of a culture of creative thinking to improve the innovative abilities of the next generation of applied scientists and engineers.