

### Interpersonal Communication Skills:

- If there is one thing that is abundantly clear, the explosion of knowledge makes it difficult for one person to have all the knowledge necessary to solve a complex problem.
- The Manhattan Project was the first to demonstrate the incredible effectiveness of the multidisciplinary team approach to solving problems rapidly
- Today, it is the norm for engineers to be part of teams of specialists, each contributing a different skill
- Engineering today means teamwork

### Written Communication Skills:

- While undergraduate engineering students may have interests that lead away, rather than toward writing skill courses, composition is critically important
- Only algebra and physics were ranked slightly higher
- One of the reasons that engineers are such an influential group in society is that they prepare the shopping lists for politicians, military procurement officials, and officials at all levels of government and corporate America
- Whenever there is a failure of a product or a design change is necessary a report must be produced.

### Oral and Electronic Presentation Skills:

- Engineers must present reports orally
- Engineers find it useful to present with support of these technologies
- It is likely that engineers will be called upon to give formal speeches only after a number of years in the profession with some advancement in status or management capacity
- Many companies use development teams and other forms of teamwork to complete projects

### Resources

VCSU Staff. Unit#3 engineering graphics, Reading assignment. Valley City State University, Valley City, ND. Retrieved from:

[https://bb.vcsu.edu/bbcswbdav/pid-511404-dt-content-rid-5542239\\_2/courses/STEMED\\_660\\_FLL\\_2014/660%20Unit%203%20Reading.pdf](https://bb.vcsu.edu/bbcswbdav/pid-511404-dt-content-rid-5542239_2/courses/STEMED_660_FLL_2014/660%20Unit%203%20Reading.pdf)