



About Civil Engineering



- D**id you know that Civil engineering was ranked **TOP 10 CAREERS (NO. 6)** by the Money Magazine among all careers in America? This is, in part, due to the relatively stable job market and job security, salary, prestige, future growth and high demands, and personal satisfaction, for Civil Engineers.
- Did you know more Civil Engineers establish their own engineering companies than any other engineering discipline? This is because Civil Engineers serve people in providing their basic needs in every town, city and metropolitan area in the country and the world.
- Did you know that Civil Engineers received more salary increases than any other professions during the last three years? This is partly due to the high demands for all types of civil engineering.
- Did you know that more Civil Engineers are registered Professional Engineers than are those of any other engineering discipline? This is because civil engineers are “people-serving” professionals and hardcore and hence responsible and accountable to the public for the quality of their engineering, planning, design, construction and operation efforts.
- Did you know that Civil Engineering is an excellent engineering discipline for an individual who wished to have a dual degree, such as CE/law, CE/business? Again, this is because Civil Engineering is a people-oriented profession.
- Did you know that there is less professional “burnout”, loss of interest in one’s work, for Civil Engineers than for any other engineering disciplines? This is due to the great diversity and variety of the work in which Civil Engineering engage.
- Did you know that Civil Engineering is considered to be one of the “big three” engineering disciplines? The other two are being Electrical Engineering and Mechanical Engineering.
- Did you know that Civil Engineering deals with highly sophisticated computer modeling? In fact, the most powerful numerical modeling/analysis method available to any engineer today – the finite element method – was pioneered by civil engineers.
- Did you that Civil Engineering is the broadest engineering discipline? It involves such areas as design of spacecrafts, bridges, dams, highways, railways, airports, harbors, pipelines, water and wastewater systems, earthquake resistant design, computer modeling, and infrastructure maintenance.
- Did you know that only 1.4 percent of the work force in this country are engineers? This translates to 1.6 million engineers and represents a very select group.