

Video : Civil Engineer, a job description

Transcription

Civil engineers design roads, bridges, tunnels, dams and airports. They combine the knowledge of material science, engineering, economics, physics, geology and hydraulics to create the physical infrastructure essential to modern life. Naturally there are numerous subspecialties. Surveying and mapping engineers identify the best site for construction. Hydraulic and irrigation engineers focus on dams, flood control, wells and reservoirs. Environmental engineers deal with waste water products, garbage disposal and recycling plants. And traffic engineers specialize in designing people moving systems be they underground subways, commuter railroads or new or improved roads and highways. A Bachelor's Degree is the minimum educational requirement. At some universities this is a 5-year programme but co-opt, junior college and night school option are also available. Becoming a civil engineer is a lot of work but if you like the idea of being part of big, complex projects that improve people's lives, it could be just the profession for you.

Vocab :

in the transcription above, find the words meaning...

FRENCH	ENGLISH	FRENCH	ENGLISH
concevoir		Le traitement des déchets	
Ingénierie de l'arpentage et de la cartographie		Les usines de retraitement/recyclage	
Ingénierie de l'hydraulique et de l'irrigation		Le métro souterrain	
Ingénierie de l'environnement		Les trains de banlieue	
Ingénierie routière		Une route	
Se concentrer sur		Un pré requis	
La prévention des inondations		Un collège	
Les puits		Les cours du soir	
Les eaux usées		améliorer	

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