

CIVIL ENGINEERS

NOC 21300

Plan, design and oversee the construction and repair of a wide variety of public and private structures. Examples of their work include buildings, roads, bridges, dams and sewers.



3-YEAR OUTLOOK



Moderate

3-YEAR JOB OPENINGS

131

MEDIAN HOURLY WAGE

$44.36

$30.00 LOW — $73.56 HIGH

TYPICALLY REQUIRED



University

EMPLOYED

1,712

AVERAGE SALARY

$93,200



EMPLOYMENT BY INDUSTRY

44.0%	Professional, scientific and technical services
23.3%	Public administration
16.7%	Construction
16.0%	All Other Industries



EMPLOYMENT BY AGE

5.1%	15-24
26.7%	25-34
21.6%	35-44
22.4%	45-54
17.6%	55-64
6.7%	65+

ALSO KNOWN AS

- Bridge Engineer
- Civil Engineer
- Construction Engineer
- Construction Project Engineer
- Environmental Engineer
- Geodetic Engineer

MAIN DUTIES:

This group performs some or all of the following duties:

- Confer with clients and other members of the engineering team and conduct research to determine project requirements
- Plan and design major civil projects such as buildings, roads, bridges, dams, water and waste management systems and structural steel fabrications
- Develop construction specifications and procedures
- Evaluate and recommend appropriate building and construction materials
- Interpret, review and approve survey and civil design work
- Conduct field services for civil works.

