

CAREER PATHWAY

DRAFTSMAN CIVIL

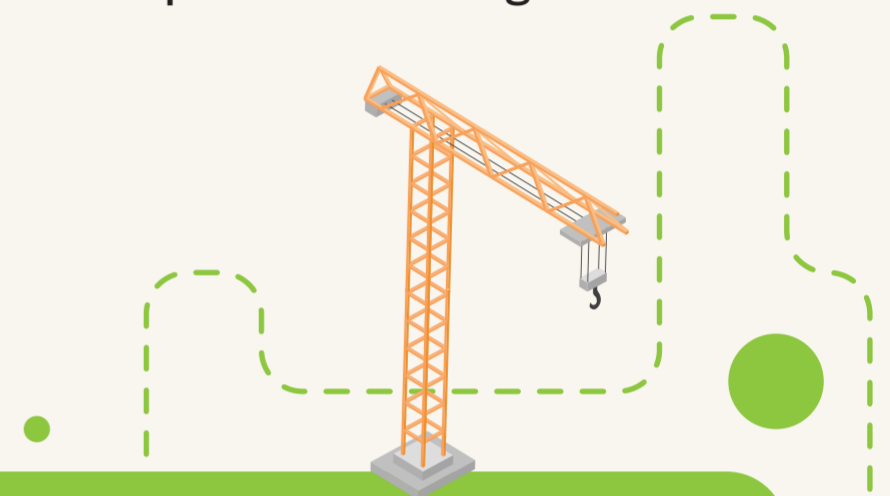


SKILLS TAUGHT IN ITI

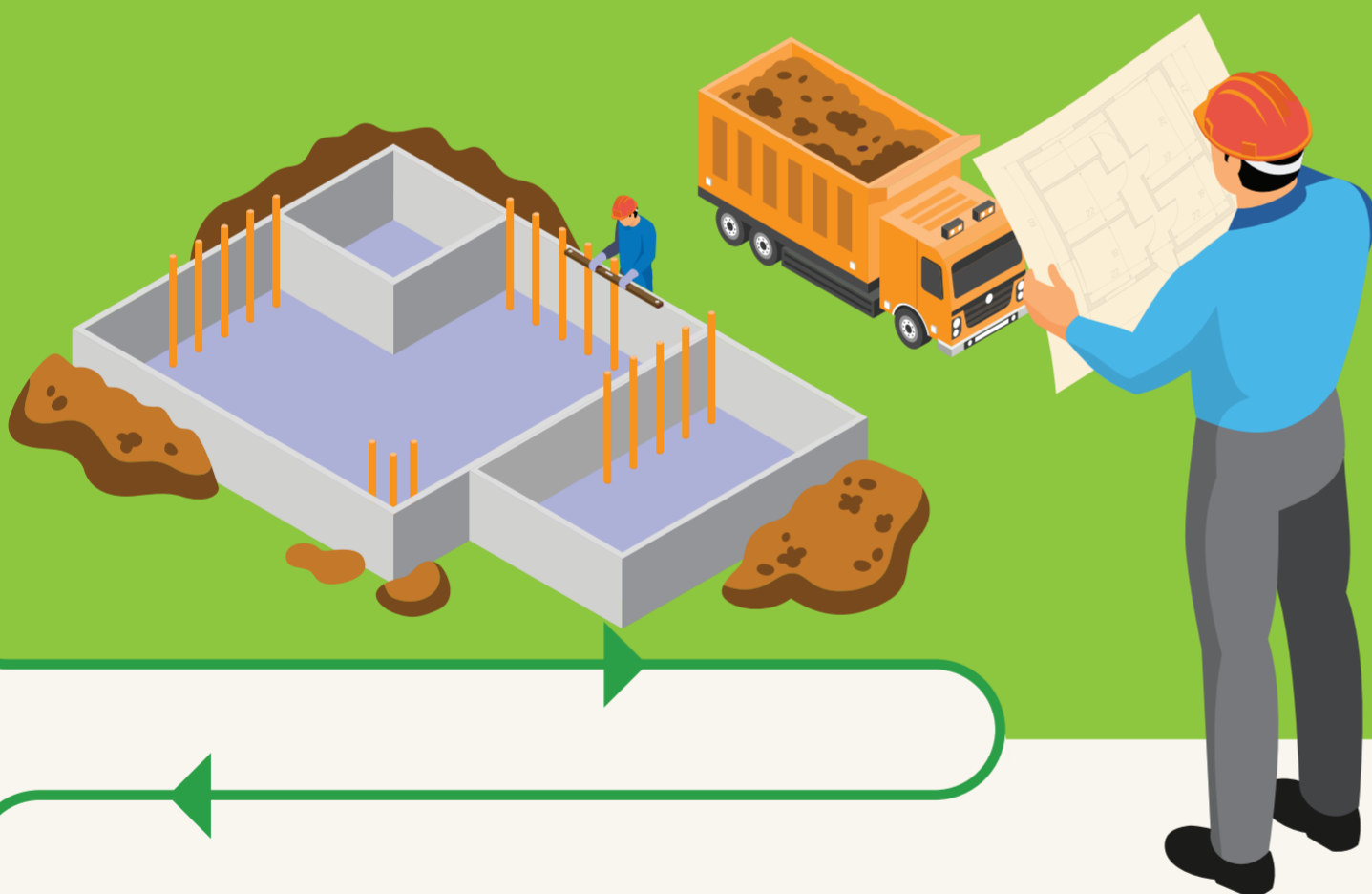
- Use of Microsoft office
- Basic drawing skills on geometric figures symbols
- Knowledge in design software's and estimation softwares
- Knowledge of structural design techniques
- Building and construction – knowledge on types of construction material
- Preparing a sanction plan to build roads, bridges, railways and dams

SKILLS NEEDED BY COMPANY

- Certification in Computer-Aided Drafting and Design (CADD)
- Estimation and costing of civil works
- Drawing steel structures
- Designing water treatment plan and sewage treatment plants
- Creativity
- Interpersonal skills



CAREER PATHS FOR THIS TRADE



ENTRY LEVEL

Draftsman / Estimator / Trainee / Apprenticeship (NAC certificate) / Helper

MIDLEVEL

Assistant / Associate design engineer / Estimating engineer

SENIOR LEVEL

Designing managers / Team leaders

JOB OPPORTUNITIES AFTER ITI.

Jobs in public and private sectors like Public Works Department (PWD), TNPSC (Tamil Nadu Public Service Commission (TNPSC), Staff Selection Commission (SSC), Larsen & Toubro (L&T), and other construction based companies. Can also enter the following Industries:

- Architectural and engineering related services
- Manufacturing
- Construction
- Entrepreneur in the construction field

UPSKILLING OPPORTUNITIES

- Apprenticeship (NAC Certificate)
- Craft Instructor Training Scheme (CITS) to become an instructor in ITIs
- Diploma Courses courses for lateral entry in Engineering
- Higher education to become Architects, Civil Engineers, Technicians, Surveyors, and Mapping Technicians