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Civil Engineering at AAiT

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What do civil engineers do?

- Civil engineers design, build, and supervise **infrastructure projects and systems.**



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Work Environment



- Work in a variety of locations and conditions.
- Split their time between working in
 - An office (Design, Consulting) and
 - Outdoors at construction sites so that they can monitor operations or solve problems onsite.



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What are your expected jobs/Future Academic Careers

- **Structural engineering:** involves plan and design using traditional and new synthetic materials, Create bridges, towers, coliseums, skyscrapers, etc.



Irrigation engineering

- Planning, designing, and overseeing construction of irrigation projects for transporting and distributing water to agricultural lands.





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Construction Management

- Time/Resource manage the project





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Environmental Engineering

- Concerned with developing ways to prevent pollution of the natural environment and with remediating areas that have already been polluted.



Road and Transport

- Design and maintain roads and public transportation systems.



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Geotechnical Engineering

- Responsible for foundation design, slope stabilization and soil mechanics.



Hydraulics and Hydrology Engineering

- Design of Dams, hydropower, storm-water retention and detention structures.



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Water supply and Wastewater engineering



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- Design the systems that treat public drinking water and





Why AAiT, Civil Engineering

- We have the best instructors in Ethiopia that will make you the prior choice by employers/academia
- We'll strive to use the 21st century software and the corresponding codes in civil Engineering
- The teaching will allow you to pursue more than eight post graduate study (here in AAiT only)
- The 10 year strategic plans of the country approved have a far better job opportunity for civil engineering
- Better opportunity not only in Ethiopia and east African block but also across the globe

Thank you



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