



# Minds at work

FACULTY OF TECHNOLOGY

# Higher National Diploma in Civil Engineering

## Course overview

This qualification is intended for those who wish to obtain higher technician status within the Civil Engineering Industry.

## Entry requirements

The entry requirements are A Level, BTEC National qualifications and GCSE Maths and English at grades C or above. For mature students a significant portfolio of relevant work experience.

## Course length and mode of attendance

This is a two year full time course. You will need to attend college for two and a half days each week. There may be some evening attendance. Students may start in either September or February. you will also be encouraged to take part in relevant work experience.

## What will I study?

Year 1 -

Design Principles and Application.  
Analytical Methods.  
Civil Engineering Construction A.  
Health, Safety and Welfare.  
Management Principles and Application.  
Science and Materials.  
Geology and Soil Mechanics.  
Site Surveying Procedures.

Year 2 -

Group Project.  
Structural Analysis and Design.  
Project Management.  
Civil Engineering Construction B.  
Fluids and Hydraulics.  
Design and computer Analysis.  
Individual Student Project.  
Engineering Mathematics

For more details on this course please call Student Services

# 01283 494474

## What qualification will I obtain?

You will obtain a BTEC Higher National Diploma in Civil Engineering.

## How will I be assessed?

The course will be assessed through examinations, assignments and presentations.

## Where will it lead?

Successful completion can lead to a Degree programme or employment within the Civil Engineering Industry.

## How do I apply?

Complete the application form in the College's Higher Education Prospectus. For further information contact Terry Shenton on 01283 494624 or email [terry.shenton@burton-college.ac.uk](mailto:terry.shenton@burton-college.ac.uk)

## Cost of course

Price on application.



**Burton  
College**