

# Luminus BTEC Level 5 Higher National Diploma in Civil Engineering

2023-2024 | Advisory Plan

[Programme Specification](#)



YEAR 1	First Semester						Second Semester						Summer Semester					
	Unit Code	Unit Title	Credit Hrs.	Theory Hrs.	Prct. Hrs.	Fin. Crd.	Unit Code	Unit Title	Credit Hrs.	Theory Hrs.	Prct. Hrs.	Fin. Crd.	Unit Code	Unit Title	Credit Hrs.	Theory Hrs.	Prct. Hrs.	Fin. Crd.
		English Language Level 1	3	4	2	3		English Language Level 2	3	4	2	3	D/618/8099	Principles of Structural Design	4	2	2	3
	CSD-01	Study Skills	3	3	0	3	CSD-02	Career Readiness	3	3	0	3	M/618/8110	Further Mathematics for Construction	4	2	2	3
	R/618/8083	The Construction Environment	4	2	2	3	R/618/8097	Civil Engineering Technology	4	2	2	3						
	L/618/8082	Science & Materials	4	2	2	3		Optional Unit 1: Level 4	4	2	2	3						
	K/618/8087	Mathematics for Construction	4	2	2	3		Optional Unit 2: Level 4	4	2	2	3						
	Total		18	13	8	15	Total		18	13	8	15	Total		8	13	8	6

YEAR 2	First Semester						Second Semester						Summer Semester					
	Unit Code	Unit Title	Credit Hrs.	Theory Hrs.	Prct. Hrs.	Fin. Crd.	Unit Code	Unit Title	Credit Hrs.	Theory Hrs.	Prct. Hrs.	Fin. Crd.	Unit Code	Unit Title	Credit Hrs.	Theory Hrs.	Prct. Hrs.	Fin. Crd.
		English Language Level 3	3	4	2	3		English Language Level 4	3	4	2	3	J/618/8114	Personal Professional Development	4	2	2	3
	CSD-03	Entrepreneurship	3	3	0	3	FT-EG-03	Field Training	3	0	9	3		Optional Unit 3: Level 5	4	2	2	3
	F/618/8080	Construction Design Project (Pearson-set) *	4	2	2	3	H/618/8105	Group Project (Pearson-set) *	4	2	2	3						
	M/618/8107	Advanced Structural Design	4	2	2	3		Optional Unit 1: Level 5	4	2	2	3						
	A/618/8109	Construction Technology for Complex Buildings Projects	4	2	2	3		Optional Unit 2: Level 5	4	2	2	3						
	Total		18	13	8	15	Total		18	10	17	15	Total		8	4	4	6

\* Pearson-Set units for both Level 4 and Level 5 must be studied in the same academic year to ensure that the same THEME is applied.

## Luminus BTEC Level 5 Higher National Diploma in Civil Engineering

Programme Specification



2023-2024 | Study Plan

### Luminus BTEC Level 4 Higher National Certificate (HNC) in Civil Engineering

Unit Code	Unit Name	Credit Hours	Theory Hours	Practical Hours	Pearson Level
<b>4 Units: Core - Mandatory</b>					
F/618/8080	Construction Design Project (Pearson-set)	4	2	2	level 4
R/618/8083	The Construction Environment	4	2	2	level 4
L/618/8082	Science & Materials	4	2	2	level 4
K/618/8087	Mathematics for Construction	4	2	2	level 4
<b>2 Units: Specialist - Mandatory</b>					
R/618/8097	Civil Engineering Technology	4	2	2	level 4
D/618/8099	Principles of Structural Design	4	2	2	level 4
<b>2 Unit: Optional (selected from the list below)</b>					
H/618/8086	Surveying, Measuring & Setting-out	4	2	2	level 4
L/618/8101	Geotechnics & Soil Mechanics	4	2	2	level 4
T/618/8089	Measurement & Estimating	4	2	2	level 4
<b>2 Units: College Requirements - Mandatory</b>					
CSD-01	Study Skills	3	3	0	
CSD-02	Career Readiness	3	3	0	
<b>2 Units: English Language Levels - Mandatory</b>					
	English Language Level 1	4	4	3	
	English Language Level 2	4	4	3	

### Luminus BTEC Level 5 Higher National Diploma (HND) in Civil Engineering

Unit Code	Unit Name	Credit Hours	Theory Hours	Practical Hours	Pearson Level
<b>2 Units: Core - Mandatory</b>					
H/618/8105	Group Project (Pearson-set)	4	2	2	level 5
J/618/8114	Personal Professional Development	4	2	2	level 5
<b>3 Units: Specialist - Mandatory</b>					
M/618/8107	Advanced Structural Design	4	2	2	level 5
A/618/8109	Construction Technology for Complex Buildings Projects	4	2	2	level 5
M/618/8110	Further Mathematics for Construction	4	2	2	level 5
<b>3 Units: Optional (selected from the list below)</b>					
D/618/8118	Highway Engineering	4	2	2	level 5
H/618/8119	Hydraulics	4	2	2	level 5
K/618/8106	Contracts & Management	4	2	2	level 5
J/618/8131	Advanced Quantity Surveying Practice	4	2	2	level 5
<b>2 Units: College Requirements - Mandatory</b>					
CSD-03	Entrepreneurship	3	3	0	
FT-EG-03	Field Training	3	0	9	
<b>2 Units: English Language Levels - Mandatory</b>					
	English Language Level 3	4	4	3	
	English Language Level 4	4	4	3	

Pre-A1-ID Foundation English

A1-ID Elementary English

A2-ID Pre-Intermediate English

B1-ID Intermediate English

B2-ID Upper Intermediate English

C1-ID Advanced English

C2-ID Proficiency (English)

For English Language Levels, learners attend 2 levels each year.  
Starting level (for English Language Level 1) is decided based on a placement test.  
Learners will then progress to the next level respectively until they complete 4 levels in total.