



At Thomas Telford UTC we pride ourselves on providing a high quality core curriculum in all of the core subjects students study in any mainstream school. However, for those students interested in Innovation, Design and Construction we go further with qualifications that are selected for the content that will help them 'get ahead'. We truly are focussed upon creating future talent for these sectors that has no equal.



To enable this, we work with a range of Employer Sponsors, to make unique learning experiences come alive and to give students experience of working alongside professionals from the sector.



Not only is the UTC fortunate enough to be a part of the Thomas Telford group of schools, it is also closely affiliated with Wolverhampton University. We also have very strong partnerships with a number of high profile, major construction companies. It is working closely with these companies that allows us to develop a curriculum fine tuned to meet the needs of the industry and provide high quality delivery and experiences.



Strand:		Year(s)	Course	Description		
Unit 5: Sponsored Unit		12S	BTEC L3	Health and Safety: Including Risk assessments, method statements and reporting.		
Event	Detail	Date	Time	Employer Contact	Agreed	Completed
1	Guest Lecture - The need for H&S	14/09/2023		Niamh Southall - BAM		
2	Guest lecture - Review of safety systems	12/10/2023		Phil Eves - BAM		
3	Example resources: Method Statements	-	-	BAM	Y	
4	Site Visit: H&S tour	Sept-Oct		John - Alstom	Y	
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Strand:		Year(s)	Course	Description		
Unit 7: Sponsored Unit		12D	BTEC L3	Graphic Detailing in Construction		
Event	Detail	Date	Time	Employer Contact	Agreed	Completed
1	Guest Lecture on technical drawings and professionalism in the industry	28/09/2023		Cliff Shepherd - RMD Kwikform	Y	
2	Guest Lecture: Drawing techniques & route to architecture	05/10/2023		Joshkaran Dasoria - PHD?	Y	
3	AR/VR/MR Demonstration	07/12/2023		Dave Heesom - University or HLP?		
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Cliff - RMD Kwikform						

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Strand:		Year(s)	Course	Description		
Unit 9: Sponsored Unit		12D	BTEC L3	Management of a Construction Project		
Event	Detail	Date	Time	Employer Contact	Agreed	Completed
1	Visit from Project Manager on how a project is managed - overall?	Jan		Galiford Try		
2	Quantity Surveyor talk/visit - costing elements of a project?	Jan		Dan Beere - RLB	Y	
3	Project Manager Engineering	Jan		Alstom		
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Strand:		Year(s)	Course	Description		
Unit 8: Sponsored Unit		12D	BTEC L3	Building Regulations and Control including all regulations, processes and enforcement		
Event	Detail	Date	Time	Employer Contact	Agreed	Completed
1	Guest Lecture: Introduction to Building Regulations	11/04/2024		Andy Dunn & Adelle Squire - Wolverhampton Building Control		
2	Guest lecture: NHBC Compliance at residential housing site	06/06/2024		Josh Golding - NHBC		
3	Guest Lecture: Practice application Launch	13/06/2024		Wolverhampton Building Control		
4	Guest Lecture: Practice application Submission and Review	20/06/2024		Wolverhampton Building Control		
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Strand:	Year(s)	Course	Description
T-Levels (Surveying, Design and Planning for Construction)	10 - Thurs AM 11 - Mon AM; Thurs PM 12T 13T - Mon -Wed	T-Level	Employer Engagement Opportunities supporting delivery and
7 - Tues PM; Wed PM; Fri AM-PM			12S - Thurs AM; Fri PM 12D - Mon AM; Thurs PM
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9 - Wed PM			13D - Thurs AM; Fri AM

Event	Detail	Date	Time	Employer Contact	Agreed	Completed
1	HS2: Bailey Garner - Guest Lecture on RIBA DPoW	11/09/2023		Baily Garner - James Gionis		
2	HS2: BAM: Procurement and tendering / CPA and Gantt Charts guest lecture	18/09/2023		BAM		
3	VA: Turner & Townsend - Guest Lecture as Consultants on the Project	20/09/2023		Recorded MP4 from 2021 in V&A Museum folder "V & A Museum Live event for T Level staff and students-20211201_133454-Meeting Recording"		
4	HS2: Arcadis Bridge Design and Procurement	02/10/2023		Arcadis - Harry	Y	
5	VA: Guest Lecture OR Site Visit on Alternative Energy	16/10/2023		Rugely Powerstation Engie		
6	HS2: CWC Planning (Considering Station Designs)	16/10/2023		City of Wolverhampton Council Planning Dept.		
7	VA: BAM Project Management and Monitoring Guest Lecture	23/10/2023		BAM		
8	DSW: BAM: Guest Lecture Dawlish Sea Wall or similar project	06/11/2023		BAM		
9	DSW: BAM: QA and Project Management	13/11/2023		BAM / MS - Joely		
10	TT: Demonstration of Point Cloud Surveying	20/11/2023		HLP		
11	DSW: Structural Engineer Guest Lecture	27/11/2023		Cliff Shepherd - RMD Kwikform		

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12	TT: Thames Tideway Tunnel Visit???	04/12/2023		RMD Kwikform / Morgan Sindall - Debbie Precious		
13	DSW: Site Visit Portal Frame and Building Envelope	08/01/2024				
14	TT: BAM: Project Management and Teams / Procurement	08/01/2024		BAM		
15	MB: CWC Planning: Introduction to good housing design. Meeting community needs.	15/01/2024		City of Wolverhampton Council Planning Dept.		
16	DSW: Estimator Guest Lecture - Role and Career Opportunities	22/01/2024		Lewis/David - Turner & Townsend		
17	RICS: Guest Lecture - Facades	23/01/2023		Wintech		
	RICS: RIBA DpoW Stage 0 - Commercial Projects - Case Study Presentation - links to buidling regs for student accommodation	29/01/2024		Flavio & Felix - Baily Garner		
18	RICS: Project Planning / Site management Guest Lecture	05/02/2024		Phil Eves - BAM		
19	RICS: Architectural Concept Design Case Study / Workshop, Critique of student designs	15/02/2024		Flavio & Felix - Baily Garner		
20	MB: CWC Building Control Guest Lecture	19/02/2024		Wolverhampton Building Control		
21	MB: Production Facility Tour	26/02/2024		Cordek - Dan Ward		
22	RICS: MMC Delivery and Installation / Visit to MMC completed Building	18/03/2024				
23	RICS: Presentation of final designs of student accommodation	18/03/2024		Flavio & Felix - Baily Garner		
24	RICS: Building Handover Example / Talk	08/04/2024		Uni Wolves demolition course / Rose - McDonalds demolition		
25	RICS: Demolition Guest Lecture	29/04/2024				
26	MMA Wombourne Branch Line: Surveying Support	01/07/2024		MMA/HLP		

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27	MMA Wombourne Branch Line: Initial Designs Presentation	08/07/2024		MMA		
28	MMA Wombourne Branch Line: Final Presentation	15/07/2024		MMA		

**Notes**

Activities are a mixture of face to face / remote and site visits as well as access to resources.  
James Gionis - James.Gionis@bailygarner.co.uk

Strand:	Year(s)	Course	Description
Improving Employability Skills	7; 8; 9; 10; 12	KS3, GCSE & L3	Employer Led Projects designed to compliment the taught curriculum and support development of the 'soft' employability

Event	Detail	Date	Time	Employer Contact	Agreed	Completed
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1	Site Visit T-Levels (12)	05/09/2023		Rose Rees - MMA		
2	Site Visits Commercial (2 groups of 14) (12)	18/01/2024		Any stage of work		
3	Project Launch: Infrastructure (12)	08/01/2024		MMA - Rose Rees or MS Infrastructure		
4	Interim Presentations: Infrastructure (12)	26/02/2024		MMA - Rose Rees or MS Infrastructure		
5	Final Presentations: Infrastructure (12)	18/03/2024		MMA - Rose Rees or MS Infrastructure		
6	Summer Showcase	09/07/2024		Open invite to all employers		
7	School Awards and Presentation Evening	tbc				
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**Notes**

School minibus to be used to transfer students for site visits.

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Strand:		Year(s)	Course	Description		
Careers Advice and Guidance		10; 12	GCSE & L3	Visiting Speakers and Visits to relevant institutions and shows		
Event	Detail	Date	Time	Employer Contact	Agreed	Completed
1	Labour Market Presentation: Opportunities and breadth of the construction sector. (10/12)	22.09.2023	11:40am	Ask Apprenticeship		
2	'Guess My Job' - Employers quizzed by students in small groups to establish roles. (Students then go on to produce 'job cards') (10/12)	27.01.2024		ALL - NEED SUPPORT		
3	Introduction to Apprenticeships (12)			Amazing Apprenticeship		
4	Launch Wex (10/12)	Sept		LFL/CGL		
5	1:1 Careers Guidance	All Year		LFL		
6	Employer Mentor Meetings (Introduction) with groups of up to 6 (10/12)	November and March		ALL		
7	Launch UCAS/Unifrog (12)	Sept		LFL/MDA		
8	Personal Statement Workshop (12)			UOW		
9	Choose Uni / Real Degree, Fake Degree (12)	July		UoW		
10	University Finance (12)	July		UoW - Assembly		
11	Careers Fair	22.02.2024		ALL - NEED SUPPORT		
12	Work Experience (10/12)			ALL - NEED SUPPORT		
13	University Fair	11.10.2023				
14	Innovate employer Projects	10 - Thurs AM				

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