

WEEK	WEEKLY SESSIONS (3 DAYS)												STUDY TIME / INDUSTRY PLACEMENT		DATES	Employer Project	CIAG	Employer Engagement					
	1				2				3				Thursday	Friday									
	1	2	3	4	5	6	7	8	9	10	11	12											
1	HS2 T1A1: Identifying a Route - Considering Planning / Land Use / Restrictions / Tunnels and Bridges / Viaducts / Materials / Aesthetics				1.1 Materials Properties				2.1 H&S - Level 1 and CSCS				2.1 H&S - SECTION 1				30/08/2021		HS2: Bailey Garner - Guest Lecture on RIBA PoW				
2	HS2 T1A1		HS2 T1A2: Procurement and Tendering Activities and Documents		1.2 Construction Science				2.2 Sustainability				ADDITIONAL SESSION				06/09/2021		HS2: BAM: Procurement and tendering / CPA and Gantt Charts guest lecture				
3	HS2 T1A2	HS2 T2A1: Generation of Power / Power Distribution and Energy Efficiency.			PSHE: Alcohol Awareness				VA T1A1: Design Proposals from Client Brief. Low Carbon Buildings.		VA T1A2: Life Cycle Assessment						13/09/2021		Labour Market Presentation: Opportunities and needs across the breadth of roles in Construction sector.				
4	HS2 T2A1	HS2 T2A2: Force Calculation in OHE Structures			PSHE: Drug Awareness				VA T1A3: Manual Drawings / Cross Sections of Low Carbon Building		VA T2A1		ADDITIONAL SESSION				20/09/2021						
5	HS2 T2A2	HS2 T3A1: Bridge Design (Materials, Type, Construction)			2.3 Computer Aided Design				VA T2A1: Force Calculations and Structural Loadings.		VA T2A2						27/09/2021		HS2: MMA Bridge Design				
6	HS2 T3A1	HS2 T3A2: Calculating Volumes for cuttings and tunnels			2.3 Computer Aided Design				VA T2A2: Alternative Energy Sources		VA T2A3: Area and Volume Calculations						04/10/2021		VA: Guest Lecture on Alternative Energy / Site Visit? HS2: Balfour Beatty? Site Visit or Guest Lecture on HS2 Tunneling				
7	HS2 T3A2	HS2 T4 A1: Design Appraisal - Stations with regard to aesthetics, sustainability, accessibility, Planning requirements, future proofing			2.3 Computer Aided Design				VA T2A3		VA T3A1: The project management team / stakeholders / project management tools		ADDITIONAL SESSION				11/10/2021		VA: BAM Project Management and Monitoring Guest Lecture HS2: CWC Planning (Considering Station Designs)				
8	HS2 T4 A1							VA T3 A1		VA T3A2: Project Planning / Gantt Charts						18/10/2021							
OCTOBER HALF TERM 25/10/2021																							
9	TT T1A1: Investigate benefits of Infrastructure Projects, Statistical		PSHE: What's My Line		1.3 Graphic Drawing				2.3 Computer Aided Design				DD T1A1: Commercial Buildings / Site Factors / Funding Constraints / RIBA DPoW Stage 0/1						01/11/2021		DD: BAM: Guest Lecture Dover Western Docks or similar project TT: Morgan Sindall Infrastructure M40/M42 Interchange Visit?		
10	TT T1A1		TT T2A1: Desktop Surveys, Groundworks, Borehole reports, Water Tables		1.3 Graphic Drawing				2.3 Computer Aided Design				DD T1A2: Use of Project KPIs / QA Processes						08/11/2021		DD: BAM: QA and Project Management		
11	TT T2A2: Planning Survey Activities. Types of Survey, Permissions.				1.3 Graphic Drawing				2.3 Computer Aided Design				DD T1A3: PESTLE Analysis		DD T2 A1		ADDITIONAL SESSION				15/11/2021		TT: Korec or UoW Demonstration of Point Cloud Surveying
12	TT T2A2		TT T3A1: Project Constraints, including Planning, Budget, Ground, Site		2.4 Information and Data				DD T2A1: Calculation of forces in structural components. Beam Calculations.		PSHE: Intro to Apprenticeships						22/11/2021		VISITING SPEAKERS: A minimum of 10 representatives from various roles within the sector and in total 20 employer representatives taking part in 'What's My Line' event where students will interview them (in groups of 6) in order to create role cards for presentation				
13	TT T3A1		TT T4A1: Materials In Infrastructure Projects, Environmental Impact.		1.4 Measurement				2.5 Construction Law				DD T2A2: Power and Work Done Calculations / Cranes and Lifting						29/11/2021				
14	Degradation of materials, Lifecycle Assessment				1.4 Measurement				2.5 Construction Law				DD T3A1: Portal Frame Construction. Building Envelopes		ADDITIONAL SESSION				06/12/2021		VISITING SPEAKER: A presentation to students about the way in which employers can support an employee through apprenticeships within the sector. This will include areas of demand and how to go about finding an apprenticeship. (MMA)		
15	MOCK ASSESSMENT				1.4 Measurement				2.5 Construction Law				MOCK ASSESSMENT						13/12/2021		DD: Site Visit Portal Frame and Building Envelope		
CHRISTMAS HOLIDAY 20/12/2021																							
16	TT T4A2: Managing Procurement on Infrastructure projects.				1.4 Measurement				2.5 Construction Law				DD T3A2: Detailed Design. Hand Drawn CrossSection and connection details Steel Structures on Revit. Floor Plans		ADDITIONAL SESSION				03/01/2022		TT: BAM: Project Management and Teams / Procurement		
17	TT T4A2		MB T1A1: Designing for a demographic modular residential homes. Mood Boards and Technical Drawings.		1.4 Measurement				2.6 Business and Relationships				DD T3A3: Unit Rate Calculations		PSHE: Respect in Relationships / Sexual Encounters		PSHE: Managing unwanted attention (Set on SMHW)				10/01/2022		MB: CWC Planning: Introduction to good housing design?
18	MB T1A1		MB T1A2: Modular Construction Approaches. Building Life Cycle		1.4 Measurement				2.6 Business and Relationships				DD T3A3: Unit Rate Calculations		PSHE: Respect in Relationships / Sexual Encounters		PSHE: Managing unwanted attention (Set on SMHW)				17/01/2022		DD: Estimator Guest Lecture?
19	MB T1A2	MB T1A3: Planning Control and Legislation		MB T2A1: Rain Screen Cladding		1.4 Measurement				2.6 Business and Relationships				RICS T1A1: Project Investigation (Site, Planning, Client Need, Social Constraints)						24/01/2022		RICS: Sustainable Buildings / Stage 0 RIBA DpoW	
20	MB T2A1		MB T2A2: Forces calculations / Crane loading charts.		1.5 Construction Maths				2.6 Business and Relationships				RICS T1A2: Project Planning / Phasing / Gantt Charts and CPA		ADDITIONAL SESSION				31/01/2022		RICS: Project Planning /Site Management		
21	MB T2A2		MB T3A1: Building Regulations - Habitable Buildings. Intellectual Copyright.		1.5 Construction Maths				2.7 Business				RICS T2A1: Designing to meet a brief Initial designs						07/02/2022		RICS: Architectural Design Workshop? MB: CWC Building Control Guest Lecture?		
22	MB T3A1		MB T4A1: Off-site production / Just-In-Time Delivery, Kanban Systems		1.5 Construction Maths				2.7 Business				Sustainable Design / Mood Board Creation					7	14/02/2022		MB: Possible Factory Tour / Video		
FEBRUARY HALF TERM 21/02/2022																							
23	MB T4A1	MB T4A2: Marketing Modular Homes		1.5 Construction Maths				2.7 Business				RICS T2A2: Supporting Design Statement. 2D and 3D CAD, Rendered Images		7				28/02/2022	Interim Presentations				
24	MB T5A1: Project Management Teams / Gantt Charts / Planning			1.6 Surveying				2.8 BIM				PSHE: Mental Health and Wellbeing (1st Session - Adapted 2nd Session)		7				07/03/2022					
25	1.7 Tendering & Estimating			1.6 Surveying				2.8 BIM				RICS T3A1: Detail Design - Methods of Construction, Materials, External Envelope, Schedules, Delivery Requirements		RICS T3A2		7				14/03/2022		CIAG: Students will work in form time on their individual profiles. These will record their aspirations and interests within the construction sector.	
26				2.8 BIM				RICS T3A2: Planning Mitigation to effects of Construction Activities (Noise, Dust, Waste, Contamination, Traffic)				7						21/03/2022					
27				PSHE: Mental Health and Wellbeing (CGI)				2.8 BIM				Careers Fair		RICS T4A1		ADDITIONAL SESSION		7				28/03/2022	
28	Tendering & Estimating		Revision: ESP SAM 1 Pre Release		Revision: ESP SAM 1 Task 1		Revision: Maths		RICS T4A1: Client briefing on maintenance and operation of building				7				04/04/2022						
EASTER 11/04/2022 - Easter School (1 day 6hrs)																							
29	Revision: ESP SAM 1 Task 2		Revision: ESP SAM 1 Task 2		Revision: Maths		RICS T4A2: Report on Refurbishment / Demolition as part of life cycle assessment				PSHE: Pregnancy and Parenthood (Set on SMHW)		7				25/04/2022	Final Presentation	RICS: Demolition UoW?				
30	BANK HOLIDAY		Revision: ESP SAM 1 Task 2 / Task 3		Revision: ESP SAM 1 Task 4		Revision: ESP SAM 2 Pre Release		Revision: ESP SAM 2 Task 1		Revision: ESP SAM 2 Task 2		7				02/05/2022						
31	Revision: Forces		PSHE: Cancers and Young People		Revision: Exam Technique - ESP				Revision: ESP SAM 2 Task 2				7				09/05/2022		CIAG: Choosing the Correct Course and Correct University, Wolverhampton and Aston University				
32	Revision: Science/Maths		PRE RELEASE TASK		Revision: Law		Revision: ESP SAM 2 Task 2 / Task 3				Revision: ESP SAM 2 Task 4		7				16/05/2022	NEAR ONE ASSESSMENT WINDOW					
33	Revision: Task 1		TASK 1		Revision: Task 2 / Graphic Detailing				Revision: Task 2 CAD		TASK 2		CATCH UP TASK 1 IF NEEDED		7					23/05/2022			
WHIT HALF TERM 30/05/2022																							
34	Revision: Task 2 Construction Tech.		TASK 2		Revision: Task 3 Estimating		TASK 2		Revision: Task 3 Estimating				TASK 2		CATCH UP TASK 2 IF NEEDED		TASK 3 EXAM		06/06/2022	ONE ASSESSMENT WINDOW			
35	Revision: Pupil Led		PSHE: Real Degree/Fake Degree		Revision: Pupil Led				Revision: Pupil Led				TASK 4		CATCH UP TASK 4 IF NEEDED		7					13/06/2022	

36	Revision: Pupil Led	CORE 1 EXAM PM	MMA Rail Reopening: T1A1: Survey Plan	T1A1: Method Statement	T1A2: Risk Assessment	T1A2: Risk Assessment	Revision: Pupil Led	CORE 2 EXAM PM	7	20/06/2022	YEAR 1	Level 1/0 Employer Project - PM	CIAG: Meetings in groups of 6 with employer mentors to explore careers choices and aspirations.	MMA: Survey Planning - example document / expert guidance	
37	Alton Towers		Plant Simulator Visit		T1A4: Topographical Survey				7	27/06/2022		Level 1/0 Employer Project - PM	CIAG: Real Degree / Fake Degree, Scholarships and Bursaries	MMA: Site Induction re H&S; Survey on site support? How would you go about it? etc Topographical Survey Report Examples	
38	T1A5: Estimation	T2A1: Presentation on Sustainability	T2A2: Gantt Chart	T2A3: Digital workflow	T3A1: Client Brief	T3A2: Project Inception Report			PSHE: Personal Statement and Uni/Apprenticeship Applications (Delivered by LFL on new date)		04/07/2022				
39	T3A2: Stakeholder Mapping	T3A3: Design Proposals		T3A4: CAD Proposals		T3A5: Letter to Client CDM	T3A6: Design Redevelopment		7	11/07/2022			Final Presentation		
40	T4A1: Initial Cost Plan	T4A2: Value Engineering	Time for completion of Project		Time for completion of Project						18/07/2022			MMA: Cost Planning - QS guidance / visit; Pricing support. Presentation to MMA board?	
SUMMER HOLIDAYS 20/07/2022															
1	BG Swimming Baths T1A1: Desktop Study and Client Interview		Galliford Try / RMD Kwikform T1A1: Report on Smart Buildings and IoT		BAM Avoncroft Visitors Centre T1A1: Client Interview and visioning document				7	05/09/2022		Engle Employer Project - Rugby Power Station	CIAG: "We Want You", with a range of employers alongside the University advertising the potential opportunities for students to engage with, with a focus upon entry requirements.	BAM: Client Interview; BG: Client Interview	
2	T1A2: Survey Planning with Risk Assessment and undertaking topographical and building condition survey (External)		T1A2: Planning of desktop and site survey identifying equipment and measurements		T1A2: Desktop Survey		T1A3: Risk Assessment / Method Statement for Survey		7	12/09/2022					
3	T1A3: D&A Statement - Introduction / Objectives (PESTLE) / Site Analysis		T1A3: Survey Risk Assessment and Method Statement		T1A4: Site Survey Waste Management Planning		T1A4: Survey (Practical Onsite)		7	19/09/2022					BAM / Leica: Survey Support; BG: Site Survey / Visit GT: Waste Management Planning
4	T1A4: Creation of CAD model - existing		T1A4: Site Survey with estimates of waste		T1A4: Survey Processing in CAD		T1A5: Budget Estimates		7	26/09/2022					Leica: Infinity Support
5	T2A1: D&A Statement Design Principles	T2A2: D&A Statement Design Aesthetics and Styling	T2A1: CDE Environment and BIM Implementation plan	T2A2: Project Programme creation	T2A1: Presentation on MMC and SWOT Analysis		T2A2: Sustainability Visit		7	03/10/2022					CIAG: 1-2-1 Careers Interviews Begin Visit: Chasewater Innovation Centre; BG: Design Principles / Research Guidance Workshop
6	7		7		7		7		7	10/10/2022					FULL TIME PLACEMENT WITH EMPLOYERS - VISITS AT WORKPLACES TO BE CONDUCTED
7	7		7		7		7		7	17/10/2022				Interim Presentations	
OCTOBER HALF TERM 24/10/2022															
8	7		7		7		7		7	31/10/2022			CIAG: Employer Mentor Meetings to focus upon the year ahead and explore students aspirations and their needed entry requirements.		
9	7		7		7		7		7	07/11/2022					
10	T3A1: Proposed Design CAD Model with Elevations, Plans and Sections		T3A1: Schedule of Accommodation and Environmental Performance Specification		T2A2: Sustainability Report		T2A3: Programme Plan and CDE		7	14/11/2022			CIAG: CV Workshop and Support CIAG: WhatSkillLive	GT: Environmental Performance Guest Lecture	
11	T3A2: Planning Policy Research and Response Commentary		T3A2: Design Development working in teams.		T3A1: Project Design Statement / PESTLE Analysis		T3A2: Design CAD Model and Drawings		7	21/11/2022			CIAG: Mock Interviews workshop for students considering apprenticeships.	BG/CWC: Nationa Planning Policy Framework	
12	RESIT CORE PAPER 1				T3A2: Design and CAD Model			RESIT CORE PAPER 2	7	28/11/2022			RESIT IF APPLICABLE		
13	T3A3: Accessibility Design Development	T3A4: D&A Statement Design Proposals	T3A3: Design development in light of consultancy information	T3A4: Design Solution Presentation	T3A3: 4D BIM	T3A4: Designers Risk Assessment		7	05/12/2022				CIAG: Mock interviews for students considering apprenticeships.	RMD: Consultancy Input regarding works to add complication	
14	T4A1: Takeoffs and Unit Rates for planned work		T3A5: Final Design Drawings and Tender pack with Smart Building Information	T3A6: Preliminaries section of BoQ completed with CDM, BIM and H&S Requirements	T4A1: BREEAM Report / U-Values			7	12/12/2022			Final Presentation	BAM: Synchro 4D Support GT: Presentation of Design Drawings		
CHRISTMAS HOLIDAY 19/12/2022															
15	T4A2: Heritage and Sustainability Statement		T4A1: Completion of takeoffs for 2 sub and 2 super structure elements - formatted into BoQ		T4A2: NRM2 TakeOffs and Unit Rates	T4A3: Value Engineering		7	02/01/2023				CIAG: Introduction to Apprenticeships Event	BAM: BREEAM Report; BG/CWC Conservation Officer Support	
16	T4A3: D&A Statement Completion	T4A4: Presentation to Employer	T4A2: Value Engineering of proposal with detailed recalculations to demonstrate savings.		T4A4: Estimation Calculations	Presentation to Employer		7	09/01/2023				CIAG: An Apprenticeship application workshop led by employers that includes advice about how to complete the application form, approach the interview and pass the various testing activities typically used by employers to help secure the next step.	BAM: Presentation / Feedback; BG: Presentation / Feedback	
17	SAM ESP: Task 1 Prep	SAM ESP: Task 1 (3 hours)		Surveying Practice and development using Dumpy Levels, Tapes and Total Stations - including importing of data to CAD, processing data for hand drawings. Include Level Survey, Topographic Survey and Elevation Survey. Various Sites to be used to create variety.	Core Skill 4.2: Materials Testing to include Modulus of Elasticity, Strength, Strain	Core Skill 3.3: Investigate projects that overrun and go over budget to identify common factors		7	16/01/2023				WLV: Materials Testing / Concrete Crushing Guest Lecture: Project Overruns		
18	SAM ESP: Task 2 Prep	SAM ESP: Task 2 (3 hours)			Core Skill 4.3: Electrical Testing of values achieved theoretically.	Core Skill 4.6: Examine Core Soil Samples to determine ground conditions.		7	23/01/2023						
19	SAM ESP: Task 3 (2.5 hours)	SAM ESP: Task 4 (3 hours)			Core Skill 4.5: Site Survey to determine land use.			7	30/01/2023						
20	SAM ESP: Task 5 (3 hours)		SAM ESP: Task 1, 2, 3, 4 debrief		ADSAM ESP: Task 1 (3 hours)	ADSAM ESP: Task 1 debrief		7	06/02/2023				CIAG: Opportunities for students to refine interview techniques with a range of employers outside of the Construction Sector.		
21	SAM ESP: Task 6 (3 hours)		SAM ESP: Task 5, 6 debrief		ADSAM ESP: Task 2 (3 hours)	ADSAM ESP: Task 2 debrief		7	13/02/2023				CIAG: Employer mentors are invited in to meet mentees for a final time before the closer focus on examination preparation begins.		
FEBRUARY HALF TERM 20/02/2023															
22	SAM ESP: Task 7 (12.5 hours)		Estimating practice with full take off practice for a range of tasks and generation of BoQ entries.		ADSAM ESP: Task 3 (2.5 hours)	ADSAM ESP: Task 4 (3 hours)		7	27/02/2023						
23	SAM ESP: Task 7 Continued	SAM ESP: Task 7 debrief			ADSAM ESP: Task 5 (3 hours)	ADSAM ESP: Task 3, 4 debrief		7	06/03/2023				Careers Story - Visiting employers present for 5 minutes on their career journeys to a class of students before repeat on a carousel.		
24	Task 1 Revision	Task 2 Revision		Internet of Things	Digital Specification Tools / Design Guides	ADSAM ESP: Task 6 (3 hours)	ADSAM ESP: Task 5, 6 debrief	7	13/03/2023				ALL: Digital Specification Tools / Use		
25	Task 3, 4 Revision	Task 5 Revision		Spreadsheet Use and Formula	Environmental Performance	ADSAM ESP: Task 7 (12.5 hours)		7	20/03/2023				Careers Expo - Careers Fayre with large range of selected employers promoting opportunities and answering questions on careers next steps. Also includes Universities and Colleges as well as Independant Training Providers.		
26	Task 6 Revision	Task 7 Revision		Negotiation and Relationships	Presentation Skills	ADSAM ESP: Task 7 Continued	Final Preparation	7	27/03/2023						
EASTER 03/04/2023															
27	TASK 1 / TASK 2								7	17/04/2023		YEAR TWO ASSESSMENT WINDOW			
28	TASK 1 / TASK 2								7	24/04/2023					
29	BANK HOLIDAY	Revision and Prep		TASK 3		Revision and Prep		TASK 4		Revision and Prep			01/05/2023		
30	TASK 5 / TASK 6 / TASK 7								7	08/05/2023					
31	TASK 5 / TASK 6 / TASK 7								7	15/05/2023					
32	7		7		7		7		7	22/05/2023					

ESP RESIT IF APPLICABLE

RESIT IF APPLICABLE

WHIT HALF TERM 29/05/2023							IP HOURS RECOVERY WHERE NEEDED			
33	7	7	7	7	7	05/06/2023				
34	7	7	7	7	7	12/06/2023				
35	CORE PAPER 2 RESIT	7	7	CORE PAPER 1 RESIT	7	19/06/2023				
36	7	7	7	7	7	26/06/2023				
37	7	7	7	7	7	03/07/2023				
38	7	7	7	7	7	10/07/2023				
39	7	7	7	7	7	17/07/2023				