

Dear Parents /Carers,

Thursday, February 2, 2023

RE: Engineering Coursework 15 Week Countdown R108

Please find on the back of this letter the outline of the final 15 weeks of the Engineering course. We have been successful in reducing one unit (R107) and therefore only have one more unit to complete. All students have made fantastic progress on their last unit (R106) and are in a secure position moving forwards. Students now need to complete R108 by the **8th of May**.

R108- 3D Design realization

This unit involves planning and preparing for a practical assessment. Students have been given a CAD drawing of a lamp and need to plan and make a prototype of the lamp, demonstrating their understanding of how to make the product safely. Students also need to produce a 'workshop diary' including photographs evidencing the manufacture of their lamp in school. The table below outlines all of the individual components of the coursework (Coursework focus), the deadline for each piece of coursework and a completed column for students to tick off once they have completed the work.

How will the work be set?

The work will be set on TEAMS each week with the deadlines below stated clearly. Students will complete their work in PowerPoint and will be issued with examples of good work (WAGOLLS- **W**hat **A** **G**ood **O**ne **L**ooks **L**ike) for reference. The table below also shows the breakdown of the lessons. The Wednesday lesson will be an IT based lesson where students will type up their coursework and the Friday lesson will predominantly use to carry out the practical assessment.

What is the percentage weighting of unit R108?

This unit is worth 25% of their final grade.

What will happen with unit R107 that has been reduced?

OCR will generate a grade for the unit R107 using an algorithm based on the progress of your child's work in the other units.

Parental support

As always, I am incredibly grateful of your support up to this point. Reflecting back on the last unit of work some students struggled to meet the deadline dates. It is imperative that moving forwards students meet these deadlines to help manage their workload and receive feedback in good to time.

Exam Resit- 15th May

As can be seen from the table, students will be able to re-sit their exam depending on the results of their first sitting earlier this month. Furthermore, if students have secured a high grade from their first exam they will not need to re-sit the exam again in May. The higher grade of both exams counts towards their final grade.

Thank you for your support and please don't hesitate to call or email me if you have any further questions:
Rsmith@suthersschool.org.uk

Mr Smith
Head of Design Technology



Engineering Coursework 15 Week Countdown

Week	W/C date	Lesson content	Coursework focus	Deadline date	Completed?
1	30 th Jan	Coursework type up	Specification	3 rd Feb	
2	6 th Feb	Coursework type up	Pre-production action Plan		
Half term- 13 th Feb – 1 week					
3	20 th Feb	Practical assessment-workshop Friday lesson Coursework type up – Wednesday lesson	Pre-production action Plan	24 th Feb	
4	27 th Feb		Gantt Chart and Flow chart	3 rd March	
5	6 th March		Tools/ Equipment/ H&S table	10 th March	
6	13 th March		Risk Assessment	17 th March	
7	20 th March		Materials identification and purpose	24 th March	
8	27 th March		Work shop Diary- Tools, equipment machines, H&S		
9	HALF TERM- 3 rd -14 th April- Coursework intervention session. Date TBC				
10					
11	17 th April	Coursework type up- Fridays lesson Exam prep- Wednesday lesson	Work shop Diary- Tools, equipment machines, H&S	5 th May	
12	24 th April	Coursework type up Exam prep- Wednesday lesson	Evaluation -SWOT analysis of your skills		
13	1 st May	Coursework type up Exam prep- Wednesday lesson	Improvements to prototype		
14	8 th May	FINAL DEADLINE! - uploaded onto TEAMS Exam prep- Wednesday lesson	Review of production plan- All coursework completed	8 th May	
15	15 th May	Exam resit – 15th May!			