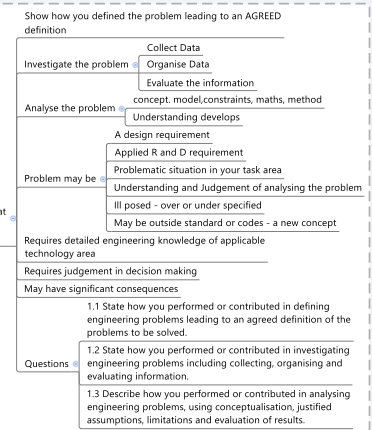


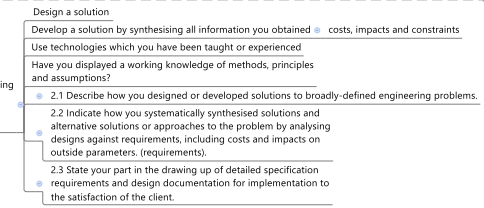
11 Outcomes

Group A - Engineering Problem Solving

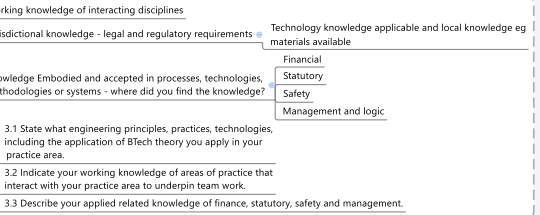
1. Define, investigate and analyse engineering problems (tasks) - Confirm that you can interpret the work that is given to you into a rational engineering activity



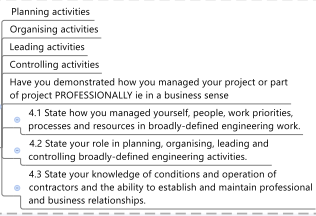
2. Design or develop solutions to engineering problems - How did you apply your theoretical training and studies to develop different solutions, and pick the best one?



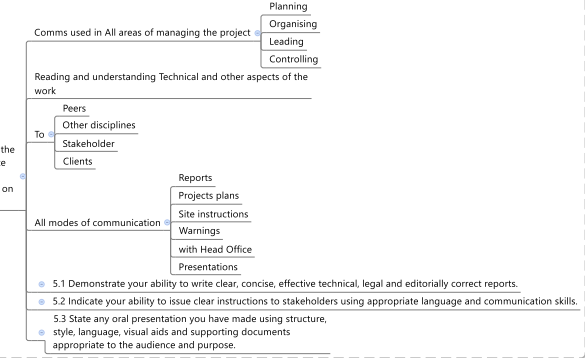
3. Comprehend and Apply advanced knowledge - what theoretical knowledge do you do you rely on to justify decisions that you take ?



4. Manage part or all of an engineering project - What do you understand your role in the team to be, and then how do you plan your work to ensure effective productivity?



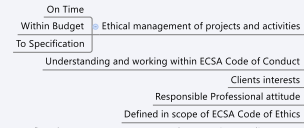
5. Communicate clearly with others in the course of engineering activities - Relate how you issue clear instructions and guidance and report comprehensively on work progress or lack of progress?



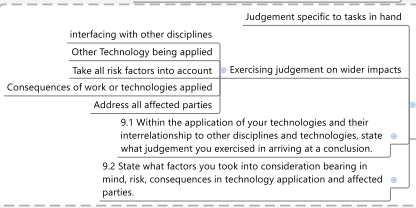
Group B - Managing Engineering Activities

Group D: Exercise Judgement, take responsibility and act ethically

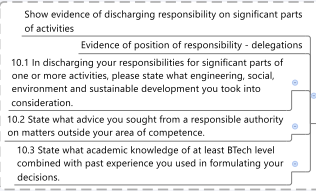
8. Conduct Engineering Activities ethically - Are you aware of all the ethical practices you need to subscribe to? How do YOU act ethically in the workplace - examples? - looking after your clients' interests as well as your employers.



9. Exercise sound judgement in the course of engineering activities - How did you display sound judgement by analysing all the factors your work involved, how the one affected the other, and what the consequences would be? Also how did you make decisions on issues which were hidden - no clear evidence?

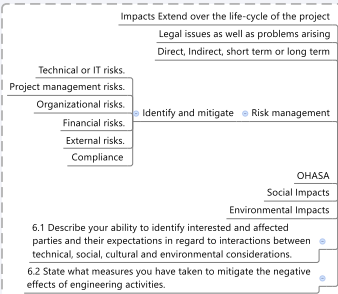


10. Be responsible for making decisions - How did you accept responsibility for your own work by using theory to support your decisions. How did you seek advice from other disciplines when you were not sure or lacked experience



Group C: Impacts of Engineering Activity

6. Recognise and address foreseeable social cultural and environmental activities - How do you analyse your work and foresee all the possible social and environmental impacts being made by it - shore and long term? How do you explain impacts to those involved?



7. Meet all legal and regulatory requirements - health and safety in activities - How do you identify and address risk affecting your work? Are you aware of ALL the laws and regulations to which you should be acting responsibly?

