**MALIK**

**STAGE 1 – SSO2**

b/g - destination course Electronics, 19yrs old

**CT KNOWLEDGE+ ATTITUDE (UNCERTAINTIES)**

SS02 I don’t have good idea about that (laughs). Critical thinking? ( \_ ) I don’t know, it encourages you to may be to criticise certain idea, in order to oppose it then create another idea to express your opinion. I don’t know I have no idea (laughs).

I right. So, basically it’s to criticise sort of not to conform to an idea, is that what you’re saying?

SS02 I mean if you don’t like a thing or a statement you oppose it with constructive criticism

I okay, right. So, what you’re saying is you don’t have to agree with everything all the times?

SS02 yeah, not all the time (laughs), because ever body has his own opinion, you just express your opinion, you don’t oppose the person himself, but you just criticise his idea, you question why, you know

I so, not on the person but idea?

SS02 yeah, the idea of course (laughs)

**EFY EXPERIENCE – CULTURE + LANGUAGE**

**I** how do you find yourself as an engineering student so far?

SS02 it’s a new experience for me. I face some difficulties at the beginning of the year. The education system here is different, I mean the university is different where if you like fail a module or two the maximum you can retake is two. In my country is three, but if you’ve retaken them and you didn’t pass you can take them for the next year like the American system

I where, back home?

SS02 yeah, in my country it’s a bit different because some modules you have to pass some modules in order to like download other modules, like you can’t study Maths B or C without A, so you have to pass A. But some other modules like you can say Mechanics, you can take with you, you can have a go in the first year or the second year, even in the first year I guess. And, the course is quite intensive, like two years of ‘A’ level in one year and the amount of materials covered quite huge, you know like EP you have so many things you have to learn and to memorise. And, so many new things, I don’t know, there isn’t enough time to study every modules on this course. And I think, for me as my English is not first language I would rather I took English Pathway for me

I why you didn’t take?

SS02 I don’t know, they said I had scored IELTS score enough, but I don’t know. I thought I will be fine if I scored enough (laughs) I will do well in IELTS I will be well, but (laughs) I wish I didn’t do well because I have like three modules Physics and one Maths but the English Pathway students have less pressure and they only have English they don’t have EP, they take way EP or EE or something like that so less pressure or Mechanics

I so, this Language Pathway, lets you request even though you did well, can you request to attend those classes? Or it’s only assigned to those with lower score?

I but, both of you do agree that you might have benefitted from Language Pathways?

SS02 yes, of course

**PREVIOUS LEARNING**

I if yes how, if no why you didn’t have the chance to learn the critical thinking skills?

SS02 I haven’t been specifically told that about critical thinking, just it suddenly comes up, I don’t know some questions related to critical thinking in Physics and Maths in my high school, not exams but in the content of the materials itself, you find questions that there isn’t a specific ways to solve them. It’s, just how you approach it depends on you, it isn’t right or wrong, if the answer is wright then it’s wright. How you look at it, some questions you know. This in terms of like academic life, but in daily life I’ve been encouraged by **my father**, but **in school I’ve never been encouraged** by the teachers or something like that

I Right, okay. so, you get some support from…

SS02 from my parents, yeah

I from your family to think critically rather in school a formal education?

SS02 yeah, in school you just face it

I so you don’t have any direct subjects on critical thinking skills?

SS02 no

**CT in EFY - ATTITUDES**

I **how important critical thinking skills are for EFY?**

SS02 I still can’t define what critical thinking skills, I’m not sure about my definition. So, I don't know how to answer a question which I’m not sure (laughs)

SS03 let me google it (laughs)

I no, (laughs), that’s the whole point, so because you’re not sure of what critical thinking skills are…

SS02 I can’t give just any answer

I but do you think it’s useful for EFY?

SS02 yeah, not only foundation year, of course it’s important critical thinking is, it’s important for anybody not only for foundation students not only students for anybody

I so **why do you think it’s important?**

SS02 you should be able to criticise an idea, you shouldn’t just say, alright I’ve accepted just because you don’t may be understand it, that doesn’t necessarily mean wright or wrong, I don’t know

I okay, right

**CT - PRACTICE**

SS02umm, first semester, I guess

I why

SS02 I mean first only in Maths A, I guess and Routes to Success there was an assignment, a sheet full of questions you have to answer there’s no specific way of answering it. It’s how you think, how you approach it

I is that the reflective report?

SS02 yeah

**PRACTICE (MODULE) + ATTITUDE (elements of uncertainty)**

I which course in EFY provided more opportunities? It could one, more than one or none

SS02 I’m not sure, there’s no specific module in. Again, I have to define what is critical thinking? (laughs)

I okay

SS02 I can’t specify which module if my definition is wrong

I alright

SS02 I don’t know, there isn’t any specific module, and especially in the foundation year it’s just formula and like in the numbers. I don’t know

I right, so you’re not sure which module actually give you the practice?

SS02 I’m not sure, I mean in each modules there are some topics that you need to think about. This is the formula you don’t just have to think about it. It’s topics not modules, you can’t just generalise, topics but not modules

**PRACTICE (WORKSHOPS & SUPPORT CLASSES)**

I have you ever attended, if yes do they provide opportunities to practice CT skills

SS02 the labs

**PRACTICE - CT what aspects – opportunities to challenge (lectures, course work, etc.,) challenge your thinking? + ATTITUDE + LANGUAGE**

SS02 there are some questions on some topics in every single modules that you want to challenge yourself. Again it’s about topics I think labs, I guess. I don’t think computer application tell you to critical thinking. No, it’s just coding, you have to know the system of coding, it’s language it’s Python. I don't think there’s critical thinking about coding, it’s just thinking but not critical thinking, I guess

I so you had more opportunities in the labs?

SS02 in labs because you have to define the possible reasons for errors and you have to write your own reports, your own methods, how did you do, what’s the amount, for example water that you put in a container, something like that. The experience itself, the lab experiment but other things are mostly theoretical things most being formulas

**PRE-EXISTING** **KNOWLEDGE** on CT

SS02 criticising and idea, if something seems to be wrong and you have evidence to prove that so you criticise it to some extent I mean politely (laughs)… and if the other person being opposed have shown you evidence, the evidence show up you have to change your mind, that’s what I think