ENGN1211 Discovering Engineering S1 2021

*ANU College of Engineering and Computer Science, 2021*

# **Milestone 1: Individual Team Member Template**

**Team Membership**

As a starting point to being a team member you should examine your own strengths, working styles and preferences. Complete this template individually and then discuss with your other team members.

**Strengths**

A strength-based approach is one in which we focus on our strengths and abilities considering we can contribute to a group project. Brainstorm any strengths you have that may be of use within the group project under the following categories. Do not be concerned if you can’t think of a strength in one or more quadrants, you will learn many new skills during this course.

|  |  |
| --- | --- |
| **Knowledge**  *e.g. robotics, electronics, physics, statistics, mathematics, microcontrollers* | **Skills**  *e.g. CAD, 3D printing, programming, electronics, word processing, project management, model building, multi-lingual, soldering, woodwork, technical drawing* |
| **Experience**  *e.g. team member (sports or other), coaching or tutoring, code camp, part-time work (time management), leadership position, design projects* | **Resources**  *e.g. laptop, MakerSpace induction, basic toolkit, lego parts, workshop at home, own 3D printer, soldering iron* |

**Teamwork**

Think back to team activities, projects, and assignments that you have completed in the past.

* What is something that worked well within a previous experience?
* What is something that did not go well and how do you think the situation could have been improved?

**How do you like to work?**

* Through time people appear demanding, rigid, and uptight to in-time people.
* In-time people seem disorganised and messy to through time people.

We all have different approaches to our work that are based on our personal preferences developed over time and are also impacted by other commitments we have in our lives. Different working styles are a common source of friction within groups. However, if everyone is aware of these differences in time management and accounts for it in planning, this friction can be reduced. Think about the following questions and choose the answers that suit you. If you find that you are preferring one side over the other, it is likely you are predominantly either a ‘through time’ or an ‘in-time’ person.

**Do you prefer...**

|  |  |  |
| --- | --- | --- |
| **Through time person** |  | **In-time person** |
| Starting your work well in advance of the deadline? | Or | Starting your work just before the deadline? |
| Sitting quietly in meetings and observing others? | Or | Ensuring your view is heard in meetings? |
| Enjoying just getting in and getting the task done? | Or | Enjoying thinking through all the parameters before starting a task? |
| Having order and structure | Or | Going with the flow? |
| A quiet environment? | Or | A noisy environment? |
| Working early in the morning? | Or | Working late at night? |
| Researching your views carefully before expressing it? | Or | Instinctually sharing your views with others? |
| Expressing your views in writing? | Or | Expressing your views orally? |

Now that you have completed these exercises about yourself, you should discuss and exchange your different strengths and styles of working and communicating with your team whilst completing the team charter. Consider how you might utilise the individual strengths of each team member to complete the project.