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Week 2 Workshop

COS10025 – Technology in an Indigenous
context project

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Acknowledgement of Country

We respectfully acknowledge the Wurundjeri People of the Kulin Nation, who are the Traditional Owners of the land on which Swinburne’s Australian campuses are located in Melbourne’s east and outer-east, and pay our respect to their Elders past, present and emerging.

We are honoured to recognise our connection to Wurundjeri Country, history, culture, and spirituality through these locations, and strive to ensure that we operate in a manner that respects and honours the Elders and Ancestors of these lands.

We also respectfully acknowledge Swinburne’s Aboriginal and Torres Strait Islander staff, students, alumni, partners and visitors.

We also acknowledge and respect the Traditional Owners of lands across Australia, their Elders, Ancestors, cultures, and heritage, and recognise the continuing sovereignties of all Aboriginal and Torres Strait Islander Nations.

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Workshop 2

The aim of today's class is to form your team for the semester and explore Indigenous STEM knowledge systems. As a Team you will define problem statement and project requirements.

Activity 1: Team forming and review team policies /agreement

Activity 2: Problem Statement and project requirements

Activity 3: Indigenous STEM Knowledge Systems



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Team Forming

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1st Activity

Aim : Team forming and allocation of Township

Instructions :

1. Create Teams (based on facilitator strategy) and review team policies.
2. Fill in the Team expectations agreement document and submit it to your facilitator (by email).
3. Familiarise with your facilitator meetings expectations – Agenda, role, weekly project plan etc.
4. Facilitator allocate a Township from the project list to each team.



Teamwork: 15-25 minutes

Key Roles – Team members

1. Organising and facilitating weekly team meetings
2. Cooperatively allocating tasks to team members
3. Leading the development of project tasks
4. Meeting minutes' taker (taking turns)
5. Sign your team agreement

Please check Teamwork Essentials here in Canvas –

Teamwork policies -

https://swinburne.instructure.com/courses/44367/pages/teamwork-essentials?module_item_id=2829264

Meeting minutes template -

https://swinburne.instructure.com/courses/44367/files/18486668?module_item_id=2829265

Teamwork Agreement -

https://swinburne.instructure.com/courses/44367/files/20066497?module_item_id=2992886

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Problem Statement and project requirements

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Activity 2

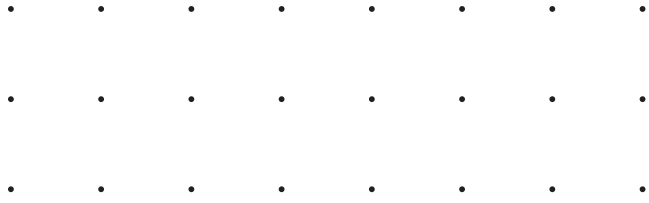
Aim : Problem statement and project requirements

Instructions :

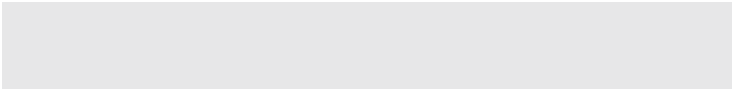
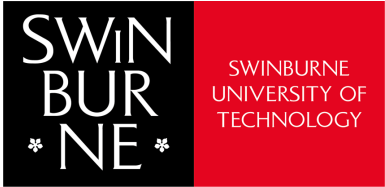
1. As a Team, define what is your problem statement?
2. Define the project requirements?
3. What are the significant factors you/your team have to consider while exploring the different solutions?
4. In teams, share and list everyone's points and update the facilitator. Add insights based on points shared.



Teamwork: 20-30 minutes



Break



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Indigenous STEM Knowledge Systems

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3rd Activity

Aim : Explore about Indigenous STEM Knowledge Systems (read the workshop resources in week 2 module)

Instructions :

1. What is your personal understanding of the difference between Indigenous seasonal knowledge and Indigenous Astronomy knowledge?
2. Why do you think it is important to understand Indigenous Engineering knowledge?
3. Share your team findings with the facilitator?



Teamwork: 20 minutes

Next week

- Identify, discuss, and assign the learning issue to each and every team member
- Explore on Assessment 1 Research report