

BENDIGO
TECH
SCHOOL



3 DAY PROGRAM

Healthcare - Future Wellbeing

Imagine the health service of the future and connect Bendigo's residents with advanced and personalised medical care.



LA TROBE
UNIVERSITY



Education
and Training

Healthcare - Future Wellbeing

Imagine the health services of the future and connect Bendigo's residents with advanced and personalised medical care.

Duration

3 Days

9:30 am – 2:30 pm

Dates

Commencing

January 2019

Learning Program Overview

Looking into Bendigo's future, students will imagine healthcare services that are equitable and accessibility, and which leverage technological innovation. Each group (5-6 students) will choose one stakeholder to try and assist. They will assess the core issues facing different stakeholders and develop "persona profiles" to aid in empathy and understanding. Utilising techniques for problem solving (e.g. Design Thinking Process) students will integrate specialised disciplines to come up with a solution that directly addresses a need of their stakeholder. Ultimately, each team will pitch their solution and receive feedback.

Throughout this three-day program, students are equipped with a design thinking toolkit to enable them to work collaboratively in solving a real problem for a person or people in their local community. The program is student directed and encourages discovery of real issues affecting real demographics. The program is also structured and facilitated so as to encourage sharing of personal insights and experiences students may have, to promote the development of empathy and emotional intelligence.

Learning Program Timeline

DAY 1: Empathise + Define – students learn and apply the design process and skills for constructive group dynamics, empathy activities, how to research, potential solutions discussed in groups.

DAY 2: Ideate + Prototype – revision of solutions for specific problems, distribution of responsibilities amongst group members, knowledge sharing, prototyping.

DAY 3: Test + Pitch – further refinement of prototype solution, communication methods for pitching established, groups pitch solution and developmental process taken, feedback, reflection.

Success Criteria

- Substantial consideration for relevant stakeholder affected by Bendigo's healthcare systems.
- Work with other group members to create a collaborative and innovative solution.
- Clearly communicate ideas during pitch and demonstrate evidence of understanding audience psychology.

Outcomes - School Links

Year 7 - 9

- Digital Technologies – enables students to become confident and creative developers of digital solutions through the application of information systems and specific ways of thinking about problem solving. Encourages students to be discerning decision makers by considering different ways of managing the interactions between digital systems, people, data and processes and weighing up the possible benefits and potential risks for society and the environment.
- Design and Technologies – students create quality designed solutions across a range of technologies contexts using engineering principles. Encourages students to consider the economic, environmental and social impacts of technological change.
- Health and Physical Education – develops knowledge, understanding and skills to enable students to engage critically with a range of health focus areas and issues. In doing so students develop resilience and self-awareness, and will evaluate contextual factors that influence decision making, behaviours and actions, and explore social justice in relation to health information and services of communities.
- Visual Communication Design – developing and refining Visual Communication Designs for different audiences and purposes. Considering the relationship between designer's intentions, audience characteristics and needs.
- Languages – extends student's literacy repertoires and their capacity to communicate. It strengthens student's understanding of the nature of language, culture, and the processes of communication.

Make a Booking

Website: www.bendigotechschool.vic.edu.au/programs

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