

DESIGN THINKING FOR HEALTHCARE INNOVATION: AN OVERVIEW

Run 1

Wednesday
16 July 2025
9:00 am - 6:00 pm

Location

To be informed upon
confirmation

Course Fees

(Inclusive GST)

Original Price

SGD 926.50

After SSG Subsidies

SC < 40yo & SPRs

SGD 277.95

SC ≥ 40yo &

Enhanced training

support for SMEs

SGD 107.95

The purpose of the Health & MedTech Innovation Workshop “Introduction to Biodesign for Healthcare Innovation” is to equip budding health and medtech innovators with or without prior innovation experience with basic level knowledge relating to the product development competency under the [Health and Medtech Innovation Skills and Competencies whitepaper](#).

This workshop will provide learners with an understanding of the fundamentals of healthcare innovation and the knowhow to apply a structured and validated design thinking practice framework towards healthcare innovation projects in its exploration and concept phase.

By the end of the workshop, budding health & medtech innovators will be able to describe a design thinking process of empathy, identify, invent and implement and its application towards health and medtech innovation. Learners will also be able to recognise key considerations in describing and understanding a clinical need and evaluating potential solutions.



How to register?

Simply scan the QR Code. Refer to our registration guide [here](#).

Company sponsored applicants can email us at sbenquiry@hq.a-star.edu.sg for registration instructions.

[or click here.](#)

COURSE AGENDA

DESIGN THINKING FOR HEALTHCARE INNOVATION: AN OVERVIEW

Learning Outcomes:

By the end of this module, you should be able to

- Demonstrate ability to apply design thinking and needs analysis to unmet healthcare/clinical needs.
- Understand the importance of a well-crafted user needs specification and design a preliminary user needs specification document.
- Apply ideation strategies to brainstorm possible healthcare solutions and where it would meet gaps in the patient/user journey
- Recognize pertinent nuances towards health and medtech innovation that are unique to this specialty

Programme Highlights:



0900H - 0930H	Introduction to Workshop
0930H - 1000H	Design Thinking and the Biodesign Approach
1000H - 1015H	Tea Break
1015H - 1100H	Identifying and Defining the Problem: Clinical Need Finding, Generating Need Statement
1100H - 1200H	Choosing the Right Problem: Unmet Need Filtering in the DSTM framework
1200H - 1300H	Lunch Break
1300H - 1330H	Solving the Problem: Concept Generation
1330H - 1430H	Solving the Problem: Brainstorming Exercise
1430H - 1530H	Introduction to IP and Regulatory
1530H - 1545H	Tea Break
1545H - 1645H	Introduction to Reimbursement and Business Model
1645H - 1700H	Feedback and Assessment
1700H - 1730H	Clinician Innovator Sharing and Wrap-up

UPCOMING WORKSHOPS

Our courses cover a wide range of topics in the HealthTech and MedTech industry and are designed for professionals looking to up-skill or re-skill themselves in the healthcare innovation space.

	Dates
Biodesign Bootcamp: Deep Dive into HealthTech Innovation with an End in Mind	Run 1: 28 July – 1 Aug 2025 Run 2: 23 – 27 Feb 2026
Design Thinking for Healthcare Innovation: An Overview	Run 1: 16 July 2026
An Introduction to Product Development and Quality Management Systems for Health and MedTech Innovations	Run 1: 24 Sep 2025 Run 2: 26 Mar 2026
Business Model Innovation for Healthcare Innovations	Run 1: 29 – 31 Oct 2025
Business Implementation for Health and MedTech: Project to Market Overview	Run 1: 25 - 26 Nov 2025
Design Thinking for Healthcare Innovation: Focusing on Identifying and Inventing for the Unmet Need	Run 1: 23 - 24 July 2025 Run 2: 11 – 12 Feb 2026
Health and MedTech Project Management +	Run 1: 18 Mar 2026

Contact Us For More Information:

-  www.a-star.edu.sg/sb
-  SBenquiry@hq.a-star.edu.sg



or click [here](#).