Design Thinking for Healthcare Innovation: An Overview

Course Code: GMS_BD1DDT

Date & Time

Run 1

Monday
04 July 2022
09:00 am - 05:30 pm

Workshop Location

A*StartCentral Seminar Room
79 Ayer Rajah Crescent, #05-03
Singapore 139955

Course Fees

(inclusive of GST)

Original Price

SGD 909.50

After SSG Subsidies

SC < 40yo & SPRs
SGD 272.85

SC ≥ 40yo & Enhanced training
support for SMEs
SGD 102.85

The purpose of the Health & MedTech Innovation Workshop "Design Thinking for Healthcare Innovation: An Overview" 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 as well as DSN-ACE-3014-1.1 Design Thinking Practice Technical Skills and Competencies.

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 and search for the course name as a self-sponsored participant! Refer to our registration guide here:
https://bit.ly/SB_RegistrationGuide

If your company is sponsoring your participation upfront, please email us at sbenquiry@hq.a-star.edu.sg for registration instructions.

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Course Agenda

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

Time	Session
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.

Design Thinking for Healthcare Innovation: An Overview
RUN 1: 04 July 2022
RUN 2: 16 January 2023

Biodesign Bootcamp:
Deep Dive into HealthTech Innovation with an End in Mind
RUN 1: 01 - 05 August 2022
RUN 2: 20 - 24 February 2023

An Introduction to Product Development and Quality Management Systems for Health and MedTech
RUN 1: 03 October 2022
RUN 2: 12 March 2023

Design Thinking for Healthcare Innovation: Focusing on Identifying and Inventing for the Unmet Need
RUN 1: 17 - 18 October 2022
RUN 2: 03 - 04 April 2023

Business Model Innovation for Healthcare Innovations
14 - 16 November 2022

Business Implementation for Health and MedTech: Project to Market Overview
01 - 02 December 2022

Contact Us For More Information :

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

or click here.