

seniors experience: think, do, design !

Learn and practice Design Thinking and Doing to Empower Aging Population in the Smart City

You want to understand and master a powerful design approach to imagine creative and relevant solutions for growing ageing population in the smart city? You want to mix human sciences, emerging technologies, ethnography and communication through a project driven pedagogy? You are a working adult willing to boost your skills and your talents? This 3-month long part-time certificate is made for you.

What is aging in the smart city? How A.I., Robotics, Social Networks, apps, E-health solutions will help senior citizens to enjoy a good personal and social life? Design is the only option to answer those questions. And this Design Thinking AND Doing certificate is the place to learn, practice and deploy.

A design project is the backbone of this programme, and all other contents and practices are used to explore the brief and to develop a credible solution. An IoT dimension is included in the project, so that every answer will have to integrate an IoT prototype as part of the proposed system.

Design Methodology

- + A lecture presenting various innovation methodologies, including Design.
- + 3 short projects in teamwork mode where the students will apply the methodology

Creativity

- + A collective exercise
- + A lecture on identifying creativity obstacles and brakes, and the levers to overcome these hurdles

Emerging technologies

- + 3 lectures sharing the current trends and potentials of AI, Robotics, IoT, Biosciences, ...

IoT Project

- + Playing with the Arduino environment
- + Developing a prototype, coached by an expert

Ethnography

As a powerful tool to conduct mindful field observation:

- + A lecture on observation methodology
- + 2 field observation sessions

The Design Project

- + Discovering and questioning the brief
- + Weekly coaching by a professional designer
- + Preparation of the final presentation.
- + Public presentation in front of professionals

Programme	week1	week2	week3	week4	week5	week6	week7	week8	week9	week10	week11	week12	Coaching
Design methodology													
Creativity													
Design Brief													
Brief exploration													
Emerging Tech.													
Ethnography													
IoT (initiation)													
IoT (Coaching)													
Design project													
Communication													
Final presentation													

Modalities and Duration

The program is conducted in **12 weeks**, at our campus in the National Design Centre. Lecture and coaching are conducted by Strate lecturers and active professionals.

How to apply

- Contact us at:** contact-sg@strate.design or +65 6909 6846
- Confirmation:** Candidates are required to pass an interview. Interviews are conducted in English face-to-face, by telephone or Skype. Upon admission, each candidate will receive a confirmation letter.

One of the Top Design schools in the world

Born in 1993, endorsed by the French State, Strate is one the top 50 Global Schools of Design and acknowledged as an institution with one of the highest employability track record. For more than 25 years, Strate has been at the forefront of the Design Education in Europe by laying the foundations of a New Design Mix: a unique combination of technical skills, critical thinking, creativity, humanities and management, with an uncompromising focus on solutions for their fellowmen. At the dawn of the 21st century, we are at the crossroads of significantly new societies, requesting the definition of new languages and modes of living-together. To achieve these goals in a caring fashion, this demands innovative skills through a new educational mindset: the kind of designers Strate is training in Singapore through it Master in Design for Smart Cities and a comprehensive suite of Certificate programmes and Lifelong Education and Trainings.

For admission or more details, please visit:

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**DESIGN
ORGANIZATION**



CPE registration no:
201809077E

Period of registration:
25/6/2018- 24/6/2022



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