

## **COURSE OUTLINE**

**Course Code / Title** : HA3035 Trust & Digital Health Policy in Southeast Asia

**Pre-requisites** : HA1003

**No. of AUs.** : 3

**Contact Hours** : 39

### **Course Aims**

This course investigates how Southeast Asian governments cultivate institutional trust in digital health technologies through public policy, regulatory innovation, and state capacity-building. It emphasizes policy mechanisms that support legitimacy, accountability, and equity in digital health systems — particularly those involving personal health data, AI-based diagnostics, and cross-border platforms. Rather than examining health delivery systems, the course focuses on how governments build credibility in digital health governance under resource, institutional, and geopolitical constraints.

### **Intended Learning Outcomes (ILO)**

Upon the successful completion of this course, you would be able to:

- 1) Explain the role of public policy and regulation in fostering trust in digital health technologies.
- 2) Assess how institutional capacity and regulatory design influence governance outcomes in Southeast Asian health data systems.
- 3) Critically analyze regional initiatives (e.g., ASEAN Digital Health Framework) and national policies that address interoperability, consent, ethics, and digital inclusion.
- 4) Develop policy recommendations to improve trust, accountability, and innovation readiness in digital health governance.

### **Course Content**

The course will apply a policy capacity and digital governance lens to real-world challenges in Southeast Asia's digital health transformation. Weekly sessions will cover personal health data governance, AI in diagnostics, digital credentialing, and regional frameworks for cross-border data exchange. Through comparative case studies (e.g., Singapore's HealthHub, Indonesia's SATUSEHAT, the Philippines' eHealth Strategy), students will evaluate how regulatory design and public accountability mechanisms affect legitimacy and public trust.

Week	Topic
1	Introduction: Trust and Governance in Digital Health
2	Policy Capacity and Institutional Readiness
3	Data Governance and Health Information Infrastructure
4	Digital Consent and Patient Autonomy
5	AI in Diagnostics and Clinical Decision Support
6	Interoperability and Standards for Data Exchange
7	National Case: Singapore AI HealthHub and Digital Health Trust Strategy
8	National Case: Indonesia, AISATUSEHAT Platform
9	National Case: Philippines' eHealth Strategy
10	Regional Collaboration: ASEAN Digital Health Framework
11	Digital Credentialing and Ethics Review Systems
12	Balancing Innovation, Inclusion, and Accountability
13	Synthesis and Policy Application Workshop

### Course Assessment

Comparative Policy Analysis : 20%

Problem Set : 30%

Class Discussion : 20%

Group Task : 15%

Case Presentation : 15%

**Total** -----  
**100%**