Human Capital Development for Innovation-based Economy

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Siam University
Sustainable Employability
Employability Skills

• Fundamental Skills
• Personal Management Skills
• Teamwork Skills
• The Innovator’s DNA
Fundamental Skills

- Language & Communication
- Manage Information using Technology
- Analytical Thinking
- Problem Solving
Personal Management Skills

• Positive Attitudes and Behaviors
• Responsibility
• Adaptable to a Diversity Environments
• Continuous Learning
Teamwork Skills

• Contribution for a greater good of a team
• Projects and Tasks Participation
The Innovator’s DNA

• The Courage to Innovate
• Five Skills as Innovator’s DNA*
  – Associating
  – Questioning
  – Observing
  – Networking
  – Experimenting

* C.M. Christensen et. al.
Siam University’s DNA

• Employability
• Diversity
• Sustainability
Employability

• General Education
• Professional Education
• Co-operative Education
• Student Activities
General Education

• Language Literacy
  – Trilingual Requirement
  – Thai, English & ASEAN’s Languages

• Information Technology Competency
  – Microsoft Product’s Specialist

• Regional Understanding
  – ASEAN’s Study

• Sufficiency Economy & Financial Literacy
Professional Education

• Co-developed Curriculums
  – Nursing, Automotive Engineering, Money Market Licensee’s Training, etc.

• Course Interchangeability & Inter-university Collaboration
  – Ph.D. in Information Technology with University of Pittsburgh, MOU with over 50 institutions worldwide

• Situation-based Learning

• Dual-mode & Flexible Learning
Co-operative Education*

• Innovative-based Co-op
  – Thailand’s Top Rank University 2012
• More than 80% of the program offered

* A structured method of combining classroom-based education with practical work experience for at least 4 months with prior preparation courses. The innovative project-based joint-assessment will be conducted by professor and work supervisor.
Student’s Activities

• SIFE
• GUNI
• Community Services
  – Disaster Relief
  – Phuchifa Project
Student’s Audacity

• Inactive $\rightarrow$ Active Learning
• Building
  – Self-esteem
  – Self-confidence
  – Self-motivation
  – Self-accepted Failure
  – Self-Discipline
Preparation for ASEAN 2015

• ASEAN Languages
• ASEAN-based Curriculum
• ASEAN Case Studies
• ASEAN Co-Op
• ASEAN Student Mobility