

Background

- The SEA-TVET 3-2-1 Dual Programme is extended from the SEA-TVET Student Internship Exchange Programme to **develop the long-term collaboration through student exchange** among the world-class/advanced TVET institutions in Southeast Asia.
- At the 1st phrase of 2018, the programme will **start with a small group** of advanced colleges/institutions/universities who already have **international programme** at their institutions.
- TVET students who will join this programme should complete the **2nd year of Polytechnics from Indonesia**, and complete **2nd or 3rd year of Universities/Colleges in Thailand and Philippines**.

SEA-TVET 3-2-1 Dual Programme


Dr Gatot Hari Priowirjanto
 SEAMEO Secretariat



3rd SEAMEO POLYTECHNIC NETWORK MEETING
 Implementation for the 2nd Batch of
 SEA-TVET Student Internship Exchange and
 SEA-TVET 3-2-1 Dual Programme
 3-5 April 2018, Surabaya, Indonesia

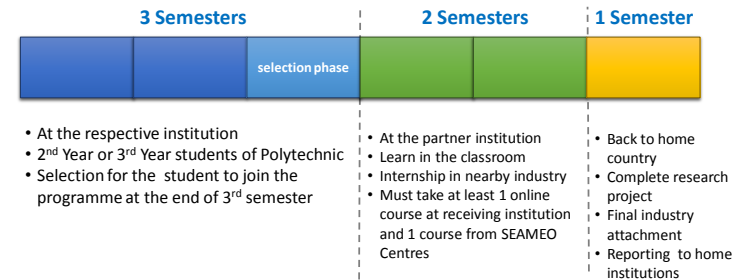


Objectives

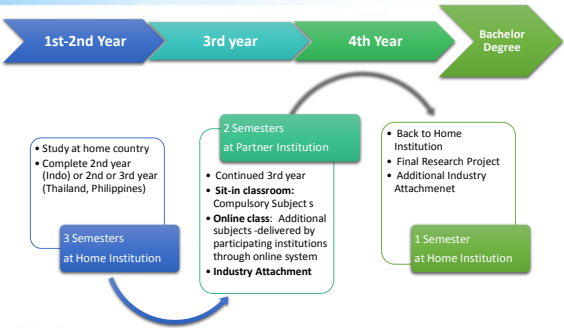
1. To enhance global competitiveness, and world class competencies of TVET diploma/higher diploma students through cross-country study programme and oversea internship placement experiences in other Southeast Asian countries
2. To provide the employable opportunity and international learning experiences for the participating students.
3. To strengthen the long-term and sustainable collaboration among the participating institutions in Southeast Asia

Programme Scheme

1 Semester = 6 Months

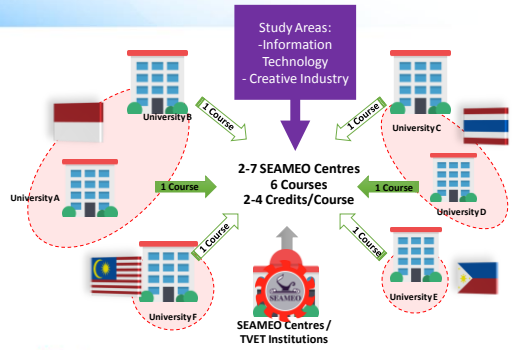


Programme Scheme



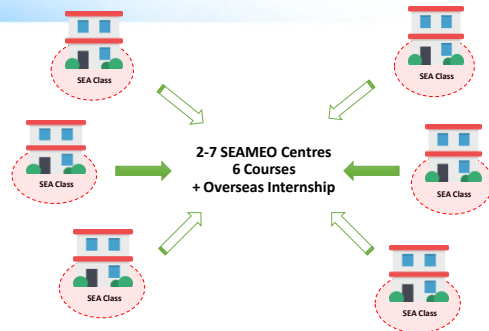
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Partnership Scheme Case



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SEA Class



Level of Institution

1. Polytechnics: Diploma 3
2. Colleges with bachelor degree (In Indonesia Diploma 4 level)
3. Universities of Technology

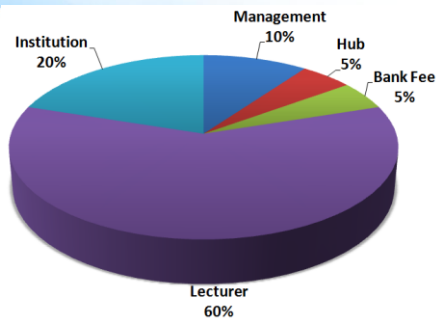
Proposed Priority Study Areas

1. Hospitality
2. Engineering (Mechatronics)
3. IT/ Multimedia
4. Maritime
5. Agriculture and Fisheries
6. Business

Conditions for Institution to Join

- Provide 1 course/subject/unit in English
(can not contribute the same subject)
- Registration fee for students 10 USD/ subject
(Should find the effective and efficient Payment Scheme with less transfer cost between countries)
- Implementation process: Start this year
(in Indonesia, new first semester will start August/September)

Fee Distribution Estimation



Timeline



Role of SEAMEO Secretariat

- Coordinate the programme
- Increase number of students and institutions to join
- Develop a website page and payment system

Role of SEAMEO Centres

- Formulating the course/subject (need to involve them in the initial meeting)
- Deliver the online course/subject

Example of Online Course

The screenshot shows the Udeity website for the course 'The Complete Web Developer Course 2.0'. The course is priced at \$330, a 96% discount from the original price of \$7,600. It includes 30.3 hours of on-demand video, 141 articles, full lifetime access, and access on mobile and TV. The curriculum includes 'Getting Started' (17:20) and '306 Lectures' (30:31:49). The course is created by Rob Percival and is available in English, Italian, and Spanish.

The Complete Web Developer Course 2.0
 Learn Web Development by building 25 websites and mobile apps using HTML, CSS, Javascript, PHP, Python, MySQL & more!
 ★★★★★ 4.6 (33,881 ratings) 163,418 students enrolled
 Created by Rob Percival, Coders by Rob Percival Last updated 3/2018
 English English (Auto-generated) Italian (Auto-generated) Spanish

What Will I Learn?

- Build websites and webapps
- Get a job as a junior web developer
- Start their own online business
- Be proficient with databases and server-side languages
- Build HTML-based mobile apps
- Bid for projects on freelance websites
- Be a comfortable front-end developer

Curriculum For This Course

Expand All	306 Lectures	30:31:49
- Getting Started		17:20

Example of Online Course

The screenshot shows the Coursera website for the 'Online Master's in Innovation and Entrepreneurship' program from HEC Paris. The program is described as a 10-15 month, 20-course, 20,000 EUR, completely online program. It is designed for current and aspiring business leaders to develop an entrepreneurial mindset and drive innovation.

Online Master's in Innovation and Entrepreneurship
 HEC PARIS

AT A GLANCE

- 10-15 months (Avg. 10-15 hours per week)
- 20 courses
- 20,000 EUR
- Completely online

Drive innovation and develop an entrepreneurial mindset

Discover new business opportunities and lead innovation with an online master's degree from HEC Paris, one of Europe's highest-ranked business schools. This program will enable you to identify and develop innovative and high-potential commercial opportunities, and is particularly relevant for current and aspiring business leaders who aim to lead business development, drive product innovation, or launch new business ventures.

HEC Paris online Master's in

Example of Online Course

The screenshot shows a web browser window displaying the Future Learn website. The URL is <https://www.futurelearn.com/courses/digital-skills-digital-marketing>. The page features the Future Learn logo, navigation tabs for Categories, Courses, Programs, and Degrees, and a search bar. The main content area is titled 'ONLINE COURSE' and 'Digital Skills: Digital Marketing'. Below the title, it says 'Learn about some of the different digital marketing strategies and techniques that are available for businesses to use.' There is a 'Join now - started 19 Mar' button and an 'accenture' logo. A navigation bar includes 'Overview', 'Topics', 'Start dates', 'Requirements', 'Educators', and 'What's included'. The background image shows hands holding a tablet.



SEA-TVET MOOC

Advanced Pneumatic & Hydraulic

Course Info

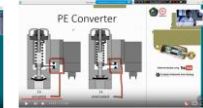
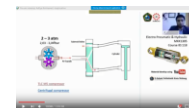
This course discusses the basic symbols of electropneumatic components (ISO 1219-1), components of electropneumatic systems, valve nomenclature standards, port designation standards (ISO-5599-3 / CETOP RP68P), and component designation standards, direct type and indirect type control circuits, memory circuit, and software analysis & simulation of electropneumatic system using FluidSim 4.0.

Basic Competency

The students are able to design, simulate, and create electropneumatic system and hydraulic, recognize the basic symbol of electropneumatic components (ISO 1219-1), recognizing valves based on standard valve nomenclature, can refer to standard port designation (ISO-5599-3 / CETOP RP68P) and standard component designation.



*Aditya Kurniawan, S.ST, PGDip. Eng.
Politeknik Kota Malang*




<https://youtu.be/A4InyEXomxA> <https://youtu.be/zqTSQtKS86o>



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SEA-TVET MOOC


Web Programming

Course Info
Learn foundational programming concepts (e.g., functions, for loops, conditional statements) and how to solve problems like a programmer. In addition, learn basic web development as you build web pages using HTML, CSS, and PHP. By the end of the course, will create an interactive web page where others can modify and display data


Basic Competency
The student are able to create an interactive web page where others can modify and display data.




STIKI Malang




Sugeng Widodo, M.Kom



Johan Ericka .W.P., M.Kom



Go Frendi G, M.Kom



3rd SEAMEO POLYTECHNIC NETWORK MEETING
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Thank You