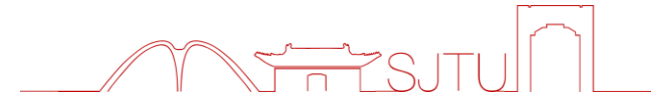




上海交通大学
SHANGHAI JIAO TONG UNIVERSITY



“Jiao Tong Global Virtual Classroom” Initiative Spring 2022

International Affairs Division
Shanghai Jiao Tong University

October, 2021

饮水思源 · 爱国荣校

1

General Introduction

2

Practice: Jiao ◦ Tong GVC

3

Call for Spring 2022

Background

COVID-19:

Physical Mobility ✘

Post-pandemic Era:

Mind Mobility ✔

Industrial Age



Information Age

Online education plays an increasingly important role.

Virtual exchange is an excellent opportunity for physical mobility.

Pilot



APRU-VSE



APRU



Shanghai Jiao Tong University

Shanghai, China

First day of classes: From February 22, 2021

- CL025 Two Thousand Years of Sino-foreign Cultural Exchanges
- CL-036 Elementary Chinese 1
- EV352 Ecological Engineering
- MA418 Lie Groups and Lie Algebras
- MT207 Fundamentals of Materials Science
- PE002C06 简化太极拳 (Simplified Taijiquan)

APRU-VSE SJTU Page:

<https://vse.apru.org/shanghaijiao-tong-university-202101/>

Spring 2021	
Institutions	# Students
The Chinese University of Hong Kong	7
Nanyang Technological University	1
Hong Kong University of Science and Technology	1
Chulalongkorn University	1
Universidad San Francisco de Quito	1
Total: 11 Students in 4 Courses	

Pilot



U21
“Global Classroom & SDGs”



U21 GLOBAL EDUCATION FUND



上海交通大学
SHANGHAI JIAO TONG UNIVERSITY



Tecnológico de Monterrey



Spring 2021

Institutions	Courses	Primary SDGs	# Students
UC Davis	Plant Biochemistry	Good Health and Well-Being	58
SJTU	Traditional Medicine		27

What's Next?

- 2021 International Virtual Exchange Conference (IVEC)
- Toolkit
- More collaborations



上海交通大学
SHANGHAI JIAO TONG UNIVERSITY

Jiao **o** **Tong** **2021**
Global Virtual Classroom

- ✓ Both internationalization of higher education and “go digital” are **inevitable trend**
- ✓ “Jiao o Tong GVC” committed to brain ‘gain’ and capacity building, global competence strengthening **in a long run**



Faculty

- collaborate with peers at universities around the world
- co-create collaborative online international learning courses



Students

- gain global perspectives
- deepen their understanding of the subject matter and cross-culture

Approach

Selection of Courses

Selected Academic Courses

Taught in English

Undergrad and Postgrad levels

China-specific and SJTU Features



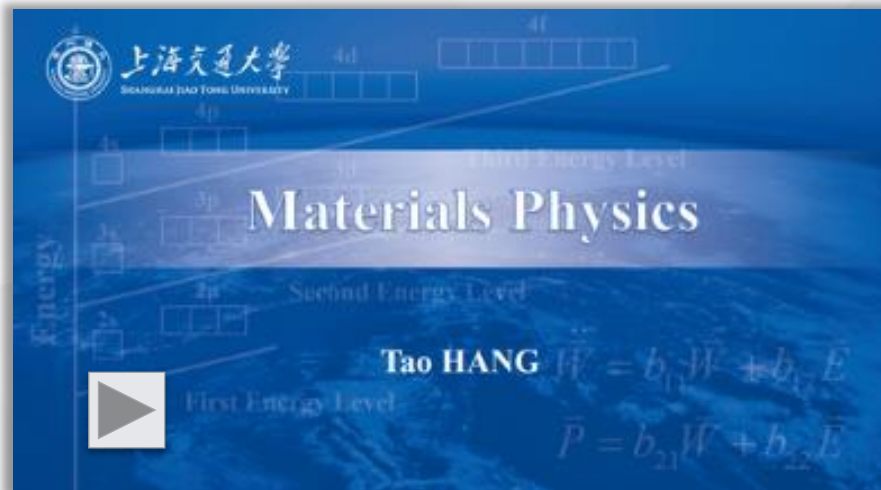
Approach

Website for the platform

Website built for Jiao Tong GVC

- Introduction(incl. video)
- Syllabus
- Pre-req.

❖ Sample Introduction video



A screenshot of the 'Global Virtual Classroom' website. The header includes the Shanghai Jiao Tong University logo and navigation links. The main content area shows an 'Introduction' section and a 'Courses Details' section with a grid of course cards. Each card displays a course title, ID, school, and credits. The courses listed are: AE8104 Finite Element Analysis of Composites, GE6001 Scientific Writing, Integrity and Ethics, MSE2605 Fundamentals of Materials Science Part I, MT319 Materials Physics, ICE6202 Digital Image Processing, BIO8101 Application of Viral Techniques and Introduction to Molecular Virology, MATH9111 Basic Geometric Mechanics, and SP166 Ocean Science.

Approach



GVC Classroom

Upgrade existing
smart classroom into
GVC Classroom



Front Side



Back Side

**Engage both on-line &
off-line students together
into a same classroom**

Collaboration Models



Shared Courses

SJTU classroom

+

Overseas students

Model A: Synchronous Teaching

Model B: Asynchronous + Tutorial

.....

*Course credits can be mutually recognized.



Co-built Courses

Faculty peers around the world

+

Domestic & Overseas students

Model A: Synchronous Teaching

Model B: Problem Based Learning

.....

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SHANGHAI JIAO TONG UNIVERSITY

Jiao Tong Global Virtual Classroom

2021



An Initiative in the Post-Pandemic era



国际合作与交流处
International Affairs Division



10 Countries/Regions

- **Asia:** Japan / Singapore / Korea / Hong Kong, China / Taiwan, China
- **Europe:** UK / France / Germany
- **America:** USA / Chile

16 +1 Partner Universities

- **14** Overseas Uni. "Shared Courses"
- **2** APRU Chinese Uni. "Shared Courses"
- **1** Overseas Uni. "Co-built Courses"

91 Participants

- **59** Overseas Students
- **27** Chinese Students
- **5** Auditors

"Shared Courses"

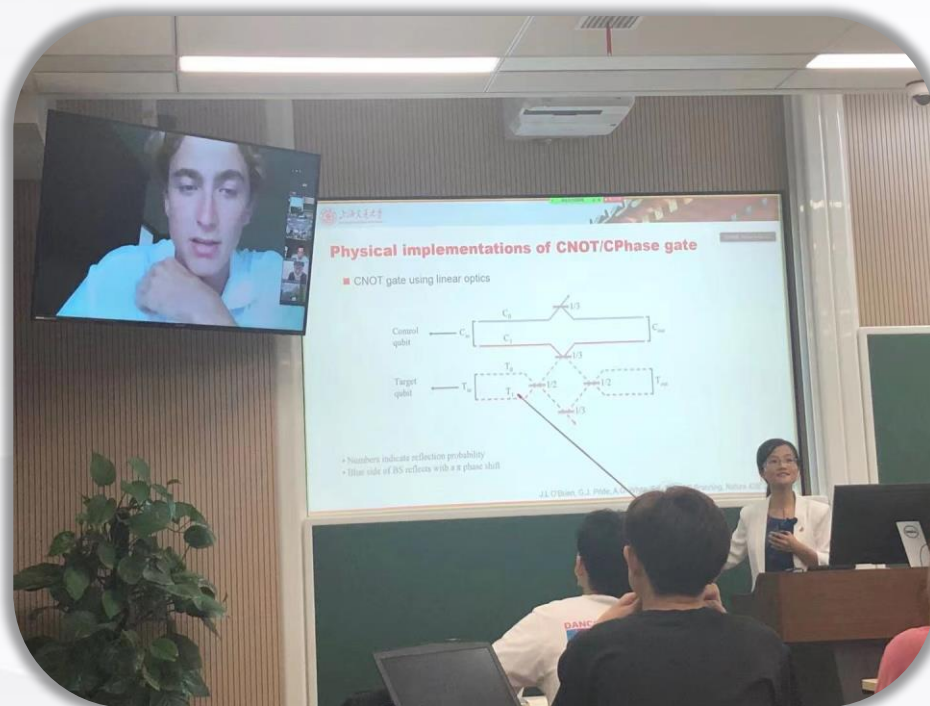
Course Example:
"Quantum Information Technologies
and A Practical Module"

Overseas Students

5



香港大學
THE UNIVERSITY OF HONG KONG



“Co-built Courses”

Course Name	School of SJTU	Partner University	Students
Internet and Society	USC-SJTU Institute of Culture and Creative Industry	University of Southern California, USA	USC:10 SJTU: 9



Students' Feedback



慶應義塾
Keio University

"... I am very happy to interact with both SJTU students and international online students through the homework. I feel like I am studying in Shang Hai, now! "

*"...Thanks so much for all the support throughout the process and **the amazing study experience I obtained virtually at SJTU.**"*



THE HONG KONG
UNIVERSITY OF SCIENCE
AND TECHNOLOGY

UCDAVIS
UNIVERSITY OF CALIFORNIA

*"... I can confidently say **this project was a joy. I didn't expect to become as close to my group members as I did, and we maintained a close communication throughout the time together...**"*

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Call for Spring 2022



Matters Need Attention

Call for Spring 2022

Selection of Courses

- Academic courses in all disciplines delivered in English
- Courses already offered at SJTU
- Suggested teaching time (GMT+8): early morning, afternoon or evening

Application Deadline: Monday, 15 November, 17:00 (GMT+8)

Time for Review: End of November, 2021

Quota:

- Shared Courses: ~20
- Co-built Courses: ~3



上海交通大學

SHANGHAI JIAO TONG UNIVERSITY

**Look forward to
your participation!**

Program Coordinator:

Lina TAO 陶丽娜

nalitao0504@sjtu.edu.cn

Office of Global Partners & Relations

International Affairs Division

Shanghai Jiao Tong University (SJTU)

飲水思源 愛國榮校