


Re-constructing Values - World History, Major Thinkers, Artificial Intelligence and Machine Learning (HUMS1611)

<p>Introduction</p>	<p>“Humanistic-leadership” Project: “Re-evaluation of All Values” – A historical, philosophical, political and social innovative entrepreneurship project</p> <p>The programme aims to:</p> <ol style="list-style-type: none"> 1) introduce world history and major thinkers to students; 2) explore impacts of the development of artificial intelligence and machine learning on human learning patterns; 3) inspire students with multiple perspectives and modes of critical thinking to re-construct the interpretation of human history; 4) help students develop empathy, understanding and appreciation to all kind of lives, thoughts and values.
<p>Programme Type / Level</p>	<p>Social and Cultural Studies II Course (Level 3) (Token-required)</p>
<p>Instructor(s)</p>	<p>Mr Till KRAEMER and trainers from Inter Cultural Education</p>
<p>Target Participants</p> 	<ul style="list-style-type: none"> ➤ S1 – S6 HKAGE student members ➤ Class size: 40 ➤ Students should be able to make commitment, be responsible to oneself as well as to the world, and willing to discuss, elaborate, and voice out their thoughts.
<p>Medium of Instruction</p> 	<p>English with English handouts</p>
<p>Certificate</p> 	<p>E-Certificate will be awarded to participants who have:</p> <ul style="list-style-type: none"> ❖ Attended at least 6 sessions; AND ❖ Completed all the assignments with satisfactory performance
<p>Intended Learning Outcomes</p> 	<p>Upon completion of the programme, participants should be able to:</p> <ol style="list-style-type: none"> 1. Gain solid knowledge of major events and thoughts in world history; 2. Build sound understanding of up-to-date development of artificial intelligence and machine learning; 3. Compare and contrast traditional ways of learning (through people and books) with new ways of learning (through artificial intelligence and machine) and evaluate its impacts in terms of epistemology; 4. Re-think, re-evaluate and re-construct existing values with a critical mindset regarding the real-life scenarios in Hong Kong, Asia, and the rest of the world; 5. Strengthen connections with fellow classmates and instructors, establish a network for information sharing and a supportive learning environment.
<p>Screening</p> 	<p>Please answer the screening question in the online application form. *The screening question is designed to help the applicant understands the course level and the course content. The question must be answered by the student applicant and it can only be attempted once. The answer cannot be changed once the application is submitted. Selection is based on students' performance in answering the question. Only students who can demonstrate understanding of designated areas learning motivation can be enrolled in the programme.</p>
<p>Application Deadline</p>	<p style="text-align: center;">11 Mar 2019</p> <p style="text-align: center;">Application Result Release Date</p> <p style="text-align: right;">19 Mar 2019</p> <p>If student members withdraw from the programme after the Application Deadline, the token will be deducted.</p>

Schedule



Session	Date	Time	Content	Venue
1	7 Apr	10:00 a.m. – 1:00 p.m.	<ul style="list-style-type: none"> ● History vs Big History ● Biological vs Cultural Evolution 	Room 403, HKAGE
2		2:00 p.m. – 5:00 p.m.	<ul style="list-style-type: none"> ● Scientific method and technological progress ● Demographics ● Relationship between technological and social change 	
3	14 Apr	10:00 a.m. – 1:00 p.m.	<ul style="list-style-type: none"> ● Historical turning points 	Room 403, HKAGE
4		2:00 p.m. – 5:00 p.m.	<ul style="list-style-type: none"> ● Classical computer science and information revolution in 20th century ● History of artificial intelligence revolution (Eliza, Expert Systems, Deep Blue, Alpha Go) 	
5	18 Apr	10:00 a.m. – 1:00 p.m.	<ul style="list-style-type: none"> ● Neuroscience and artificial neural-networks 	Classroom 26, 2/F Buddhist Kok Kwong Secondary School
6		2:00 p.m. – 5:00 p.m.	<ul style="list-style-type: none"> ● Basic linear algebra and matrix arithmetic for neural networks ● Machine learning ● Current development of AI ● Current development of Big Data, Internet of Things and the challenges to personal / private data collection 	
7	28 Apr	10:00 a.m. – 1:00 p.m.	<ul style="list-style-type: none"> ● Narratives of utopia and dystopia 	Room 403, HKAGE
8		2:00 p.m. – 5:00 p.m.	<ul style="list-style-type: none"> ● Consequences of technological interruption to labour 	

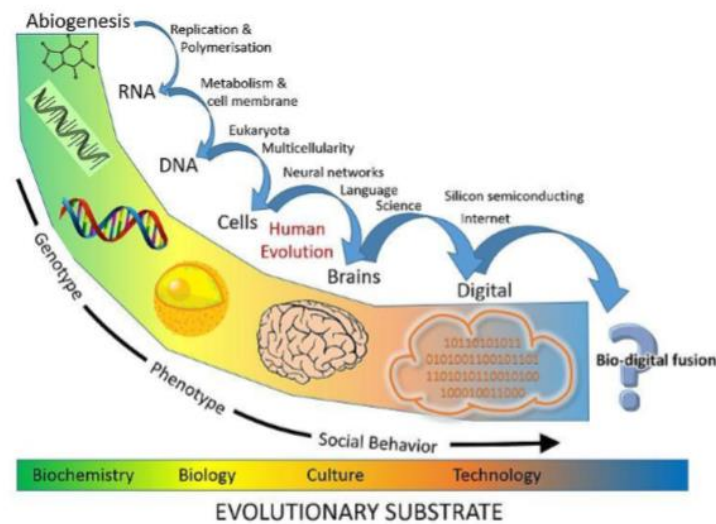
markets in
post-industrial society

- Re-inventing education systems
- Ethics of trans-human evolution
- Fallacies of predicting the future
- Value of human consciousness and experiences

Sample
Example for
the
Programme

The future of humanity

Once again, let's revisit our idea from the first two lessons that evolution and "life" can be independent of the "substrate". Collective learning and culture is already the first step of accelerating evolution, but will technology provide another boost?



based on: Gillings, M. R., Hilbert, M., & Kemp, D. J. (2016). Information in the Biosphere: Biological and Digital Worlds. *Trends in Ecology & Evolution*, 31(3), 180–189. <http://escholarship.org/uc/item/38f4b791>

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Utopia and Dystopia

Compare and contrast the following visions of the future from 1996. What do you think of them? Did one of them (or both of them) come true? Or is it still too early to tell? Which one do you subscribe to more in general? Why?

"Immersed in an environment of invisible signals and operations, we find it as unthinkable to walk five miles to visit a friend as it was once unthinkable to speak across that distance through a wire" (The Electronic Hive - Refuse it by Sven Birkerts, 1996)

"During the next few years, electronic markets will grow and begin operating overcheap, accessible public networks - the so-called electronic highway. Just as railroads opened up the West, the highway will open wide the electronic frontier. Whole industries will be destroyed and new ones born; productivity will leap and competitive advantage shift in the direction of small business." (Boom time on the new frontier by Thomas A. Stewart, 1996)

Enquiries



For enquiries, please contact us at 3940 0101 after language selection, press "1".