

The Hong Kong Polytechnic University

Subject Description Form

Please read the notes at the end of the table carefully before completing the form.

Subject Code	APSS1A06																	
Subject Title	Humanity, Fear and Destiny: Revelation from Sci-fi Movie																	
Credit Value	3																	
Level	1																	
GUR Requirements Intended to Fulfill	This subject intends to fulfill the following requirement(s) : ☐ Healthy Lifestyle ☐ AI and Data Analytics (AIDA) ☐ Innovation and Entrepreneurship (IE) ☐ Languages and Communication Requirement (LCR) ☐ Leadership Education and Development (LEAD) ☐ Service-Learning ☒ Cluster-Area Requirement (CAR) ☒ Human Nature, Relations and Development [CAR A] ☐ Science, Technology and Environment [CAR D] ☐ Chinese History and Culture [CAR M] ☐ Cultures, Organizations, Societies and Globalization [CAR N] ☐ China-Study Requirement ☐ Yes or ☒ No ☐ Writing and Reading Requirements ☐ English or ☐ Chinese																	
Pre-requisite / Co-requisite/ Exclusion	NIL																	
Assessment Methods	<table border="1"> <thead> <tr> <th>100% Continuous Assessment</th><th>Individual Assessment</th><th>Group Assessment</th></tr> </thead> <tbody> <tr> <td>1. Class Participation</td><td>10%</td><td>--</td></tr> <tr> <td>2. Oral Presentation</td><td>10%</td><td>10%</td></tr> <tr> <td>3. Quizzes</td><td>30%</td><td>--</td></tr> <tr> <td>4. In-Class Essay</td><td>40%</td><td>--</td></tr> </tbody> </table> The grade is calculated according to the percentage assigned;			100% Continuous Assessment	Individual Assessment	Group Assessment	1. Class Participation	10%	--	2. Oral Presentation	10%	10%	3. Quizzes	30%	--	4. In-Class Essay	40%	--
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	• The completion and submission of all component assignments are required for passing the subject; and • Student must pass all component(s) if he/she is to pass the subject.
Objectives	Since the early twentieth century, Western society's responses towards science and technology have not been limited to the academia. It was also reflected in the advent of science fiction, a genre shaped not only by the creative imagination of the author but also by the consensual feelings of society in general. Indeed, science fiction is often used to show Westerners' reflective attitudes towards science and humanity. Science fiction movie has existed since the early of the twentieth century and become very popular in the nineteen seventies when they started to film with high standard special effects. Science fiction movie is in fact following the path of science fiction by using the story to arouse our imagination on both the problem of human development and the limitation of human conditions. But by using the film effects and the visual literacy, science fiction movie can more effectively engage the audience in exploring difficult and abstract concepts of humanity. Through the appreciation of science fiction movie, the subject aims at introducing students to the various dimensions of humanity and human development through analyzing mankind's ambivalent attitudes towards science and technology in general and machine in particular.
Intended Learning Outcomes (Note 1)	Upon completion of the subject, students will be able to: - grasp the relationships among technology, religious ideas, and human autonomy; - understand various dimension of humanity through analyzing our ambivalence about science and technology; - further explore the possibility of human conditions through the reflection of the relations among technology, humanity, and society.
Subject Synopsis/ Indicative Syllabus (Note 2)	- Introduction: - The Philosophical and Cultural Significance of Science Fiction: the seven beauties of science fiction. - Western cultural framing of the relationships among science, technology, religion, and humanity. - Science Fiction & Dystopia: - Human Enhancement & Human Nature: <i>Gattaca</i> (1997) - Surveillance, Society and Freedom: <i>Minority Report</i> (2002) - Social Media and New Forms of Social Domination: <i>Black Mirror</i> 'Nosedive' (2016) - Science Fiction and Artificial Intelligence:

	a. AI, Robots, and Moral Personhood: <i>A.I.</i> (2000) b. Love in the Age of AI. <i>Her</i> (2013) c. AI, Power, and Human Agency. <i>Wall-E</i> (2008) 4. Science Fiction & (Virtual) Reality a. Virtual Reality & Epistemology/Metaphysics: <i>Matrix</i> (1999) b. Virtual Reality and Ethics: <i>Free Guy</i> (2021) 5. Science Fiction, Time, and Cataclysm: a. Philosophy & Time Travel: <i>Back to the Future</i> (1985) b. Visions of the End of the World: <i>Don't Look Up</i> (2021) 6. Conclusion: a. The Value of Science Fiction for Philosophy b. Science Fiction and Themes in the Philosophy of Technology																																																						
Teaching/Learning Methodology (Note 3)	The subject will be taught via lectures. Science fiction movie materials will be used to engage students' interest in the subject. Students are expected to pay their effort to organize presentations and small group discussions in lectures on assigned topics.																																																						
Assessment Methods in Alignment with Intended Learning Outcomes (Note 4)	<table><tr><th rowspan="2">Specific assessment methods/tasks</th><th rowspan="2">% weighting</th><th colspan="6">Intended subject learning outcomes to be assessed (Please tick as appropriate)</th></tr><tr><th>a</th><th>b</th><th>c</th><th></th><th></th><th></th></tr><tr><td>1. Class Participation</td><td>10%</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td></tr><tr><td>2. Oral Presentation</td><td>20%</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td></tr><tr><td>3. Quizzes</td><td>40%</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td></tr><tr><td>4. In-Class Essay</td><td>30%</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td></tr><tr><td>Total</td><td>100%</td><td colspan="6"></td></tr></table> Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes: Class Participation Students are expected to lead discussions and debates as well as taking part in questions and answers for class activities. The lectures will provide a platform for participatory learning where they can deepen their understanding on various dimension of humanity. Oral Presentation	Specific assessment methods/tasks	% weighting	Intended subject learning outcomes to be assessed (Please tick as appropriate)						a	b	c				1. Class Participation	10%	✓	✓	✓				2. Oral Presentation	20%	✓	✓	✓				3. Quizzes	40%	✓	✓					4. In-Class Essay	30%	✓	✓	✓				Total	100%						
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Total	100%																																																						

	Students are expected to work in small groups to prepare and present their work on analyzing a selected science fiction movie. They are required to produce their perspective and analysis the issue of humanity in relation to technology when making their seminar presentations. <u>Quizzes</u> Students are expected to demonstrate in the quiz their knowledge of the philosophical concepts introduced in the course. They will be asked of questions concerning the definitions of those concepts, the theories on which they are grounded, plus the application of them to the analysis of science fiction films. <u>Essay</u> Students will write an in-class essay in response to a prompt about a science fiction movie. The essay should apply class concepts to the film and critically discuss relevant philosophical, social, and ethical, concerns raised by the film.	
Student Study Effort Expected	Class contact:	
	▪ Lecture	39 Hrs.
	Other student study effort:	
	▪ Oral Presentation	13 Hrs.
	▪ Quiz Preparation	13 Hrs.
	▪ Preparation for In-Class Essay	13 Hrs.
	▪ Self-studies	39 Hrs.
	Total student study effort	117 Hrs.
Reading List and References	<u>Essential</u> Csicsery-Ronay, I. (2008). <i>The Seven Beauties of Science Fiction</i>. Wesleyan University Press. <u>Supplementary</u> Bacon-Smith, C. (2000). <i>Science Fiction Culture</i>. University of Pennsylvania Press. Chalmers, D. (2022). <i>Reality+: Virtual Worlds and the Problems of Philosophy</i>. Penguin. Coeckelbergh, M. (2020). <i>AI Ethics</i>. MIT Press. Coeckelbergh, M. (2020). <i>Introduction to the Philosophy of Technology</i>. Oxford University Press. Cohen, J.J. (Ed.) (1996). <i>Monster Theory: Reading Culture</i>. University of Minnesota Press.	

	Cornea, C. (2007). <i>Science Fiction Cinema: Between Fantasy and Reality</i>. Edinburgh University Press. Danaher, J. (2019). <i>Automation and Utopia</i>. Harvard University Press. Dumouchel, P. and Damiano, L. (2017). <i>Living with Robots</i>. Translated by M. DeBevoise. Harvard University Press. Edmonds, D. (Ed.) (2021). <i>Future Morality</i>. Oxford University Press. Dinello, D. (2005). <i>Technophobia: Science Fiction Visions of Posthuman Technology</i>. Texas: University of Texas Press. Han, B.C. (2015). <i>The Burnout Society</i>. Stanford Briefs. Johnson, D.K. (2020). <i>Black Mirror and Philosophy: Dark Reflections</i>. Wiley-Blackwell. King, G. (2000). <i>Science Fiction Cinema: From Outerspace to Cyberspace</i>. Wallflower. McCranor, T., & Michels, S. (2020). <i>Science Fiction and Political Philosophy: From Bacon to Black Mirror</i>. Lexington Books. Mulhall, S. (2016). <i>On Film</i> (Third ed.). Routledge. Noble, D.F. (1999). <i>The Religion of Technology: The Divinity of Man and the Spirit of Invention</i>. Penguin. Sanders, M. (Ed.). (2008). <i>The Philosophy of Science Fiction Film</i>. The University Press of Kentucky. Sandel, M. (2007). <i>The Case Against Perfection</i>. Harvard University Press. Scheffler, S. (2013). <i>Death and the Afterlife</i>. Oxford University Press. Schneider, S. (Ed.). (2016). <i>Science Fiction and Philosophy: From Time Travel to Superintelligence</i>. 2nd ed. Wiley. Telotte, J.P. (2001). <i>Science Fiction Film</i>. Cambridge University Press. Vallor, S. (2024). <i>The AI Mirror: How to Reclaim our Humanity in an Age of Machine Thinking</i>. Oxford University Press. Zuboff, S. (2019). <i>The Age of Surveillance Capitalism: The Fight for a Human Future at the New Frontier of Power</i>. Profile Books.
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Note 1: Intended Learning Outcomes

Intended learning outcomes should state what students should be able to do or attain upon completion of the subject. Subject outcomes are expected to contribute to the attainment of the overall programme outcomes.

Note 2: Subject Synopsis/ Indicative Syllabus

The syllabus should adequately address the intended learning outcomes. At the same time over-crowding of the syllabus should be avoided.

Note 3: Teaching/Learning Methodology

This section should include a brief description of the teaching and learning methods to be employed to facilitate learning, and a justification of how the methods are aligned with the intended learning outcomes of the subject.

Note 4: Assessment Method

This section should include the assessment method(s) to be used and its relative weighting, and indicate which of the subject intended learning outcomes that each method purports to assess. It should also provide a brief explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes.