

**The Hong Kong University of Science and Technology**

**Division of Arts and Machine Creativity (AMC)**

**AMCC5000, in Fall 2025/26**

**Course code:** AMCC5000 (3 credits)  
**Course title:** Creative Convergence: Foundations of Arts and Machine Creativity  
**Abbreviated title:** Creative Convergence  
**Course instructor:** Taught by multiple AMC faculty members and guest speakers  
**Target students:** MA/MPhil/PhD students  
**Class quota:** 80  
**Grading requirement:** Letter grades

**Course description:**

This foundational course will be delivered by various AMC faculty members to encompass a broad spectrum of topics related to art and machine creativity, including Introduction to Art and Technology, Machine Creativity Tools and Techniques, as well as discussions related to Art, Technology, and Society.

**Enrolment requirement:** N.A.

**Course Intended Learning Outcomes**

On successful completion of the course, students will be able to:

1. Demonstrate an understanding of the interplay between art and technology, including historical and contemporary contexts.
2. Acquire practical skills in using various machine creativity tools and techniques, enabling the creation of innovative artistic works.
3. Analyze and evaluate the societal implications of technological advancements in the arts, fostering informed discussions on ethical considerations.
4. Apply creative problem-solving strategies to integrate technology into artistic practices, resulting in original projects.
5. Work effectively in interdisciplinary teams, demonstrating strong communication and collaborative skills in the context of art and technology.
6. Identify and critically assess current trends and emerging technologies in art and machine creativity, preparing for future developments in the field.

**Teaching and learning activities:**

1. Seminars
2. Group projects

**Planned Assessment & Weightings:**

Assessment	Percentage
Course Participation	20%
Written Assignment	30%
Final Presentation	50%

**Weekly Course Outline**

Week	Topics	Briefly outline what this topic will cover (Include reading assignments if available)	Indicate which course ILOs this topic is related to (Write CILO-1, CILO-2, etc.)
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<b>1</b>	<b>Seminar on Arts and Machine Creativity</b>	Introduce current trends and emerging technologies in the arts and machine creativity	CILO-1, CILO-2, CILO-3
<b>2</b>	<b>Seminar on Arts and Machine Creativity</b>	Introduce current trends and emerging technologies in the arts and machine creativity	CILO-1, CILO-2, CILO-3
<b>3</b>	<b>Seminar on Arts and Machine Creativity</b>	Introduce current trends and emerging technologies in the arts and machine creativity	CILO-1, CILO-2, CILO-3
<b>4</b>	<b>Seminar on Arts and Machine Creativity</b>	Introduce current trends and emerging technologies in the arts and machine creativity	CILO-1, CILO-2, CILO-3
<b>5</b>	<b>Seminar on Arts and Machine Creativity</b>	Introduce current trends and emerging technologies in the arts and machine creativity	CILO-1, CILO-2, CILO-3
<b>6</b>	<b>Seminar on Arts and Machine Creativity</b>	Introduce current trends and emerging technologies in the arts and machine creativity	CILO-1, CILO-2, CILO-3
<b>7</b>	<b>Seminar on Arts and Machine Creativity</b>	Introduce current trends and emerging technologies in the arts and machine creativity	CILO-1, CILO-2, CILO-3
<b>8</b>	<b>Seminar on Arts and Machine Creativity</b>	Introduce current trends and emerging technologies in the arts and machine creativity	CILO-1, CILO-2, CILO-3
<b>9</b>	<b>Seminar on Arts and Machine Creativity</b>	Introduce current trends and emerging technologies in the arts and machine creativity	CILO-1, CILO-2, CILO-3
<b>10</b>	<b>Seminar on Arts and Machine Creativity</b>	Introduce current trends and emerging technologies in the arts and machine creativity	CILO-1, CILO-2, CILO-3
<b>11</b>	<b>Seminar on Arts and Machine Creativity</b>	Introduce current trends and emerging technologies in the arts and machine creativity	CILO-1, CILO-2, CILO-3
<b>12</b>	<b>Seminar on Arts and Machine Creativity</b>	Introduce current trends and emerging technologies in the arts and machine creativity	CILO-1, CILO-2, CILO-3
<b>13</b>	<b>Final Project Presentation</b>	Project presentation and critique	CILO-4, CILO-5, CILO-6

**Student learning resources:**