

Course Title: **Systems Thinking**

Course Code: **CTEC801**

Descriptor Start Date: **11/02/2025**

POINTS: **15.00**

LEVEL: **8**

PREREQUISITE/S: **None**

COREQUISITE/S: **None**

RESTRICTION/S: **None**

## LEARNING HOURS

Hours may include lectures, tutorials, online forums, laboratories. Refer to your timetable and course information in Canvas for detailed information.

**Total learning hours: 150**

## PRESCRIPTOR

This course introduces systems thinking as a framework for analysing complex topics from diverse disciplinary and cultural perspectives. Students will apply core systems thinking concepts, examine their own assumptions, and evaluate contributions from various knowledge domains to a chosen topic. By integrating these perspectives, students will further develop effective research and communication skills through an interdisciplinary and future-orientated approach to problem-solving.

## LEARNING OUTCOMES

1. Apply systems thinking to locate cultural contexts and assumptions within multiple knowledge bases relevant to a topic.
2. Interpret key systems thinking terms and concepts used in the investigation of a topic.
3. Critically evaluate the impact of various knowledge domains, practices, and worldviews to understand their significance and relevance to a chosen topic.
4. Apply systems thinking to integrate multiple perspectives in a speculative, future-orientated analysis of a topic.

## CONTENT

Systems theory, systems thinking, theories and models of disciplinary and disciplinary collaboration, research analyses and communication skills.

## LEARNING & TEACHING STRATEGIES

**Disclaimer: Course descriptors may be amended between teaching periods/semesters**

In class presentations, workshops, tutorials, self-directed research, guided readings and discussion.

## ASSESSMENT PLAN

Assessment Event	Weighting %	Learning Outcomes
Diagram Project	40.00	1-2
Reflective analysis	60.00	3-4

### Grade Map

#### MAP1

A+ A A- Pass with Distinction  
B+ B B- Pass with Merit  
C+ C C- Pass  
D Fail

### Overall requirement/s to pass the course:

To pass a course, students must attempt all assignments, and achieve a minimum overall grade of C-

## LEARNING RESOURCES

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**For further information, contact:** Te Ara Auaha - Faculty of Design & Creative Technologies

**Principal Programme:** AK1320, Master of Creative Technologies

**Related Programme/s:** AK1306  
AK1440  
ICE1  
INEXCH1  
SABRD1

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