

## Cross Paradigm Insights and Innovations

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### Course Summary

#### Description

This course provides students with an overview of the process of using cross paradigm analysis and thinking as a way of developing novel insights and creative solutions. Basic concepts covered are:

- The idea of "patterns of problems and solutions" as generalizations of classes of problems and associated solutions.
- How to generalize problems and solutions to extract high level patterns.
- How to research other paradigms, business or disciplines for similar patterns.
- Copying and synthesizing patterns from multiple paradigms.
- Deriving models of solutions of methodologies from imported patterns.

During class, students will identify ways in which they can apply this approach in their own area of responsibility

#### Topics

- Create new concepts, models, innovations and theories to solve complex problems and meet difficult challenges.
- Develop unique approaches to deal with situations for which no known precedent exists.
- Design new processes and systems to support the development of new ideas and methods.

#### Audience

This course is appropriate for everyone

#### Prerequisites

It is recommended that students take "PT21869 Creative Thinking" and "PT21870 Innovation and Design Processes" prior to this course

#### Duration

One Day