### CCS Category
Thinking Critically

### CCS
Transdisciplinary Thinking

### CCS Description
Apply concepts from multiple disciplines, and synthesise different areas of knowledge and insights to guide decisions, foster cooperation and drive continuous improvement

### CCS Proficiency Description

<table>
<thead>
<tr>
<th>Knowledge Description</th>
<th>Basic</th>
<th>Intermediate</th>
<th>Advanced</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>Explore concepts from outside one’s field of expertise to supplement one’s knowledge, proficiency and work practices</td>
<td>Identify opportunities for transdisciplinary collaboration and knowledge transfer to facilitate the integration of knowledge from different disciplines</td>
<td>Endorse collaboration and the integration of knowledge across disciplines to make decisions and solve problems within and outside the organisation</td>
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#### Knowledge
- Research techniques
- Types of information collection tools
- Verbal and non-verbal communication techniques
- Types of communication channels and tools
- Modes of collaboration
- Knowledge sharing methods and tools
- Decision-making processes
- Problem-solving techniques
- Self-assessment concepts
- Diversity dimensions and preferences
- Workplace and social etiquettes
- Research and information collection methodologies
- Pattern recognition techniques
- Strategies for developing big picture thinking approaches
- Decision evaluation and prioritisation frameworks
- Stakeholder analysis techniques
- Interpersonal communication techniques
- Organisation’s vision, objectives and operating climate
- Types of organisation structures
- Emerging research and information collection methodologies
- Knowledge transfer systems and mechanisms
- Information filtering methods
- Context framing techniques
- Strategies to influence diverse stakeholders
- Stakeholder management strategies
- Types of social, political, economic and cultural factors which impact collaboration across disciplines
- Conflict management strategies

#### Abilities
- Identify areas and methods to supplement knowledge outside one’s field of expertise or work area
- Explore perspectives from diverse sources of information
- Exchange information using identified knowledge sharing methods and tools
- Perform work activities in collaboration with other co-workers from different disciplines to meet shared goals
- Review own work performance to identify potential areas where knowledge from other disciplines may deliver improvements, address gaps and/or value add
- Seek guidance from and consult co-workers who have knowledge in a particular work area
- Establish connections, patterns and synergies between information gathered from diverse sources of information
- Integrate knowledge from different disciplines to develop effective solutions
- Explore opportunities to leverage new sources of information or collaborations in new ways
- Analyse other areas in the organisation to identify potential collaboration opportunities
- Integrate inputs from stakeholders across other disciplines to recommend decisions and prioritisation approaches
- Evaluate the effectiveness and impact of current transdisciplinary collaboration and knowledge transfer interventions
- Recommend changes to work processes that restrict knowledge transfer and transdisciplinary collaboration
- Establish systems and mechanisms to facilitate effective knowledge transfer across disciplines
- Establish opportunities within the organisation for co-workers from different disciplines to collaborate
- Lead the development of strategic transdisciplinary partnerships across and beyond the organisation
- Determine interdependencies between different disciplines when making decisions that impact the organisation
- Synthesise information extracted from different disciplines to develop new insights
- Endorse solutions that impact different disciplines in the organisation and address organisation-wide problems
- Oversee the removal of any barriers to transdisciplinary collaboration across the organisation
- Evaluate emerging research and information collection methodologies and recommend updates to organisation’s knowledge transfer and transdisciplinary collaboration approaches