

**SKILLS FRAMEWORK FOR PRECISION ENGINEERING  
TECHNICAL SKILLS AND COMPETENCIES (TSC) REFERENCE DOCUMENT**

<b>TSC Category</b>	Business and Organisational Management					
<b>TSC</b>	Business Innovation					
<b>TSC Description</b>	Identify and evaluate digitisation and innovative business opportunities provided by new advancements in information and communication technology to establish new services or businesses to bridge the physical and digital worlds					
<b>TSC Proficiency Description</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>	<b>Level 5</b>	<b>Level 6</b>
				<b>PRE-SNA-4003-1.1</b>	<b>PRE-SNA-5003-1.1</b>	<b>PRE-SNA-6003-1.1</b>
				Explore opportunities for business innovation and reform, and lead the implementation of innovative business initiatives.	Prioritise business innovation opportunities and design digital architectures and processes to facilitate the creation of an innovative business environment	Inspire a culture of business and digital innovation within and beyond the organisation
<b>Knowledge</b>				<ul style="list-style-type: none"> <li>• New and emerging innovative business processes / models deployed in the industry</li> <li>• Concept and principles of digitisation</li> <li>• Factors to consider to assess the viability of business innovation for a given organisation context</li> <li>• Success factors for implementation of business innovation</li> </ul>	<ul style="list-style-type: none"> <li>• Current and emerging industry-accepted technology services and business models</li> <li>• The organisation's operating context, business priorities, domain and environment</li> <li>• Business planning process and methodologies relating to business innovation</li> <li>• Application of digitisation to the business</li> <li>• Best practices in implementation process of business innovation</li> <li>• Legal, ethical and security issues relating to implementation of business innovation</li> </ul>	<ul style="list-style-type: none"> <li>• New and emerging trends in digitisation and business innovation strategies</li> <li>• Current and future operating context and key priorities of the business</li> <li>• Critical business considerations for assessment of proposed innovation and its potential implications</li> <li>• Performance measurement techniques</li> <li>• Key business performance indicators in relation to process innovation and changes</li> <li>• Best practices and techniques in organisation culture change and transformation</li> </ul>
<b>Abilities</b>				<ul style="list-style-type: none"> <li>• Compare current business model for the organisation with the other business models in the industry</li> </ul>	<ul style="list-style-type: none"> <li>• Investigate business strategies to identify business opportunities</li> <li>• Evaluate opportunities for viability, applicability to</li> </ul>	<ul style="list-style-type: none"> <li>• Inspire a culture and mind-set of digital innovation within and beyond the organisation</li> </ul>

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				<ul style="list-style-type: none"> <li>• Explore potential opportunities for business innovation to be introduced within the organisation</li> <li>• Identify ways in which digitisation can be applied to the business</li> <li>• Conduct feasibility analysis and weigh the costs-benefits of potential business innovation opportunities</li> <li>• Implement business innovation processes in line with a defined action plan</li> </ul>	<p>the organisation and compatibility with business goals and objectives</p> <ul style="list-style-type: none"> <li>• Design digital architectures to structure the application of digital technologies to different parts of the business</li> <li>• Develop a viable action plan to implement the business innovation processes, in accordance with the organisation's business strategies</li> <li>• Manage business innovation to review success of integration with the organisation's business strategies</li> <li>• Facilitate information flow among key stakeholders to empower sharing and development of innovative ideas</li> </ul>	<ul style="list-style-type: none"> <li>• Investigate business strategies to leverage on business opportunities for innovation and reform</li> <li>• Establish strategies to monitor and evaluate performance of current systems and processes</li> <li>• Review trends, opportunities and high-priority process changes for relevance to the organisation</li> <li>• Approve ideas for innovation and continuous improvement</li> <li>• Inspire business process transformation, driven by business requirements and industry developments</li> <li>• Maintain oversight of performance reports and variance for all key result areas of the organisation, in relation to current and future business imperatives</li> <li>• Create an organisational environment for continuous improvement and innovation</li> <li>• Establish objectives, measures and communication plans to guide implementation of processes for continuous improvement and innovation</li> </ul>
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