

Engineering Education 5.0: how to make manufacturing fit for the future

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Stand L10

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Provided by



University College Dublin
Ireland's Global University



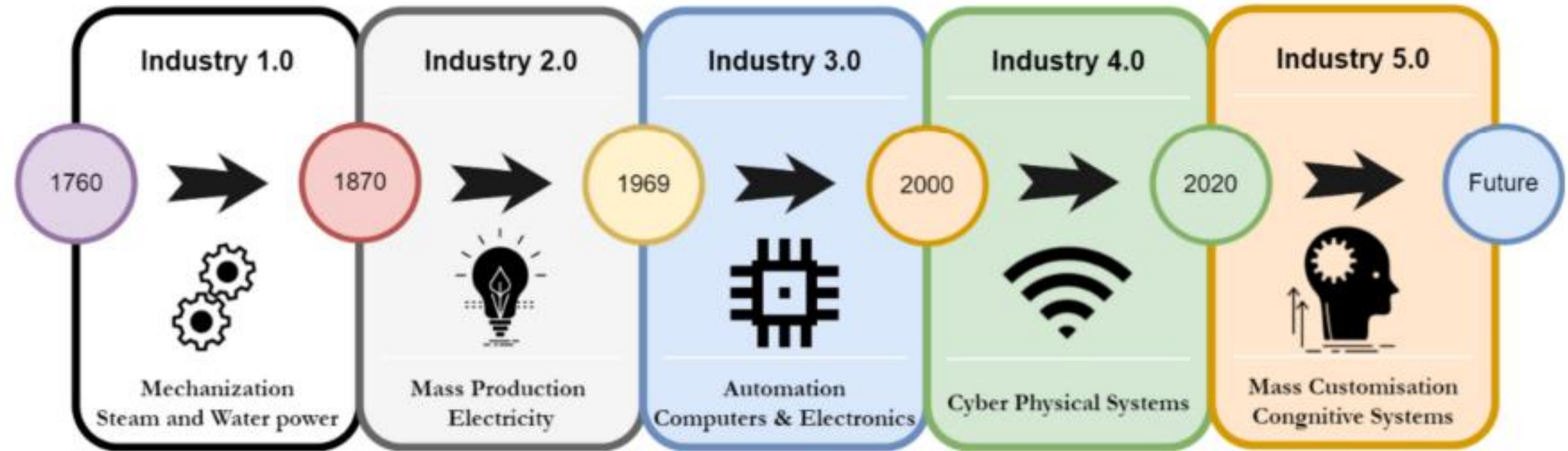
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The journey to Industry 5.0

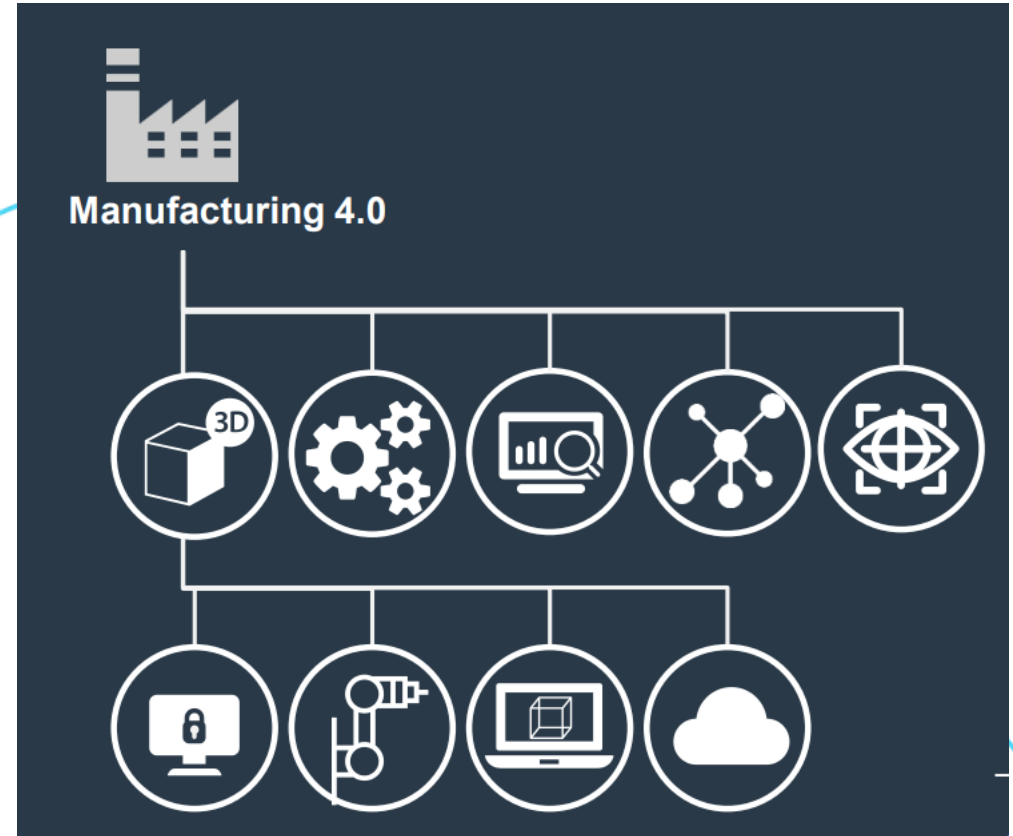


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Limitations of Industry 4.0 in manufacturing

- **Environmental toll**
- **Vulnerabilities**
- **Employment conditions**



Evolution to Industry 5.0



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Engineering Education 5.0

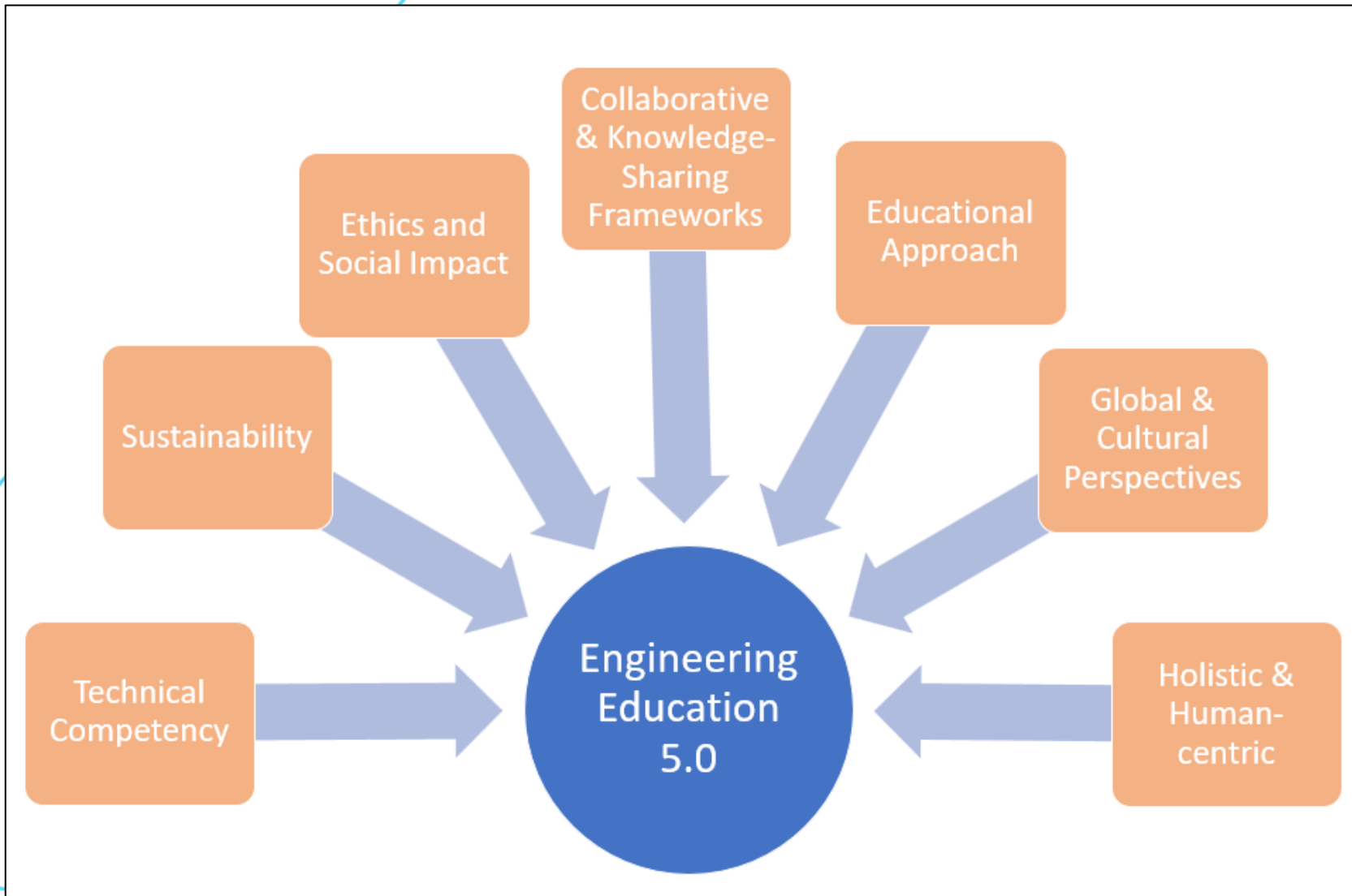
- Radical, new approach to engineering education
- Relevant to the manufacturing sector in Ireland
- Wellbeing of workers and the planet at the heart of its approach



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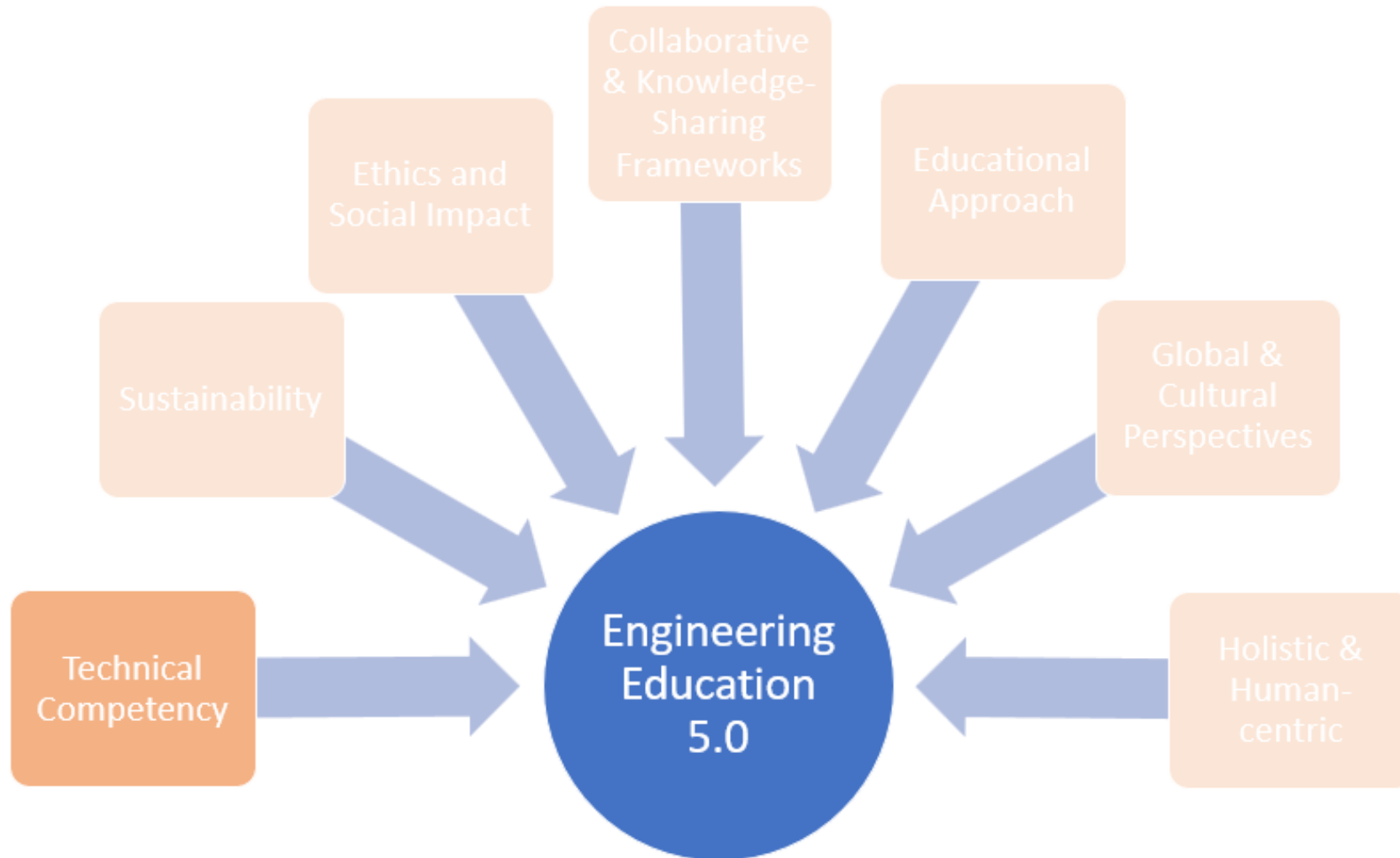
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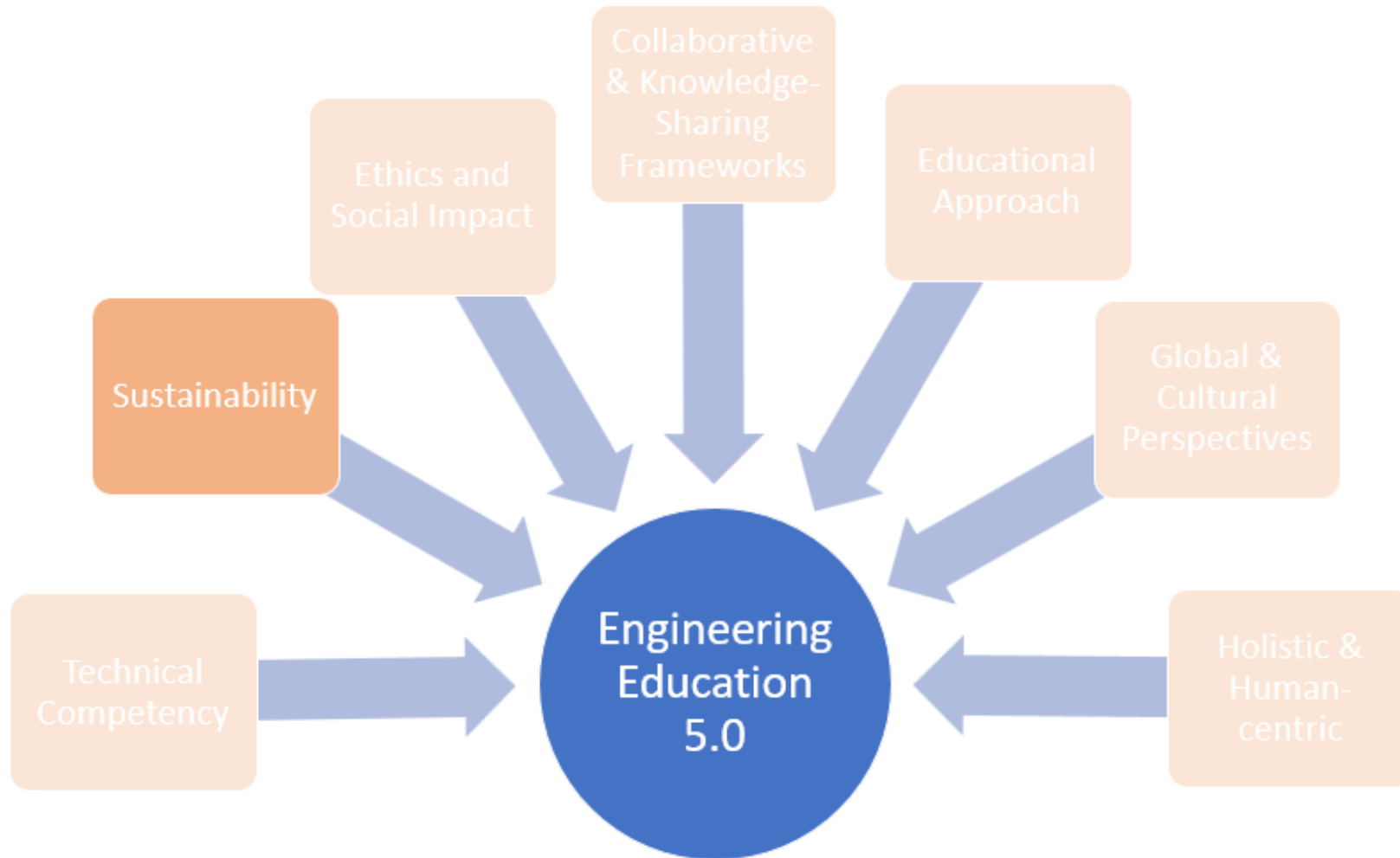
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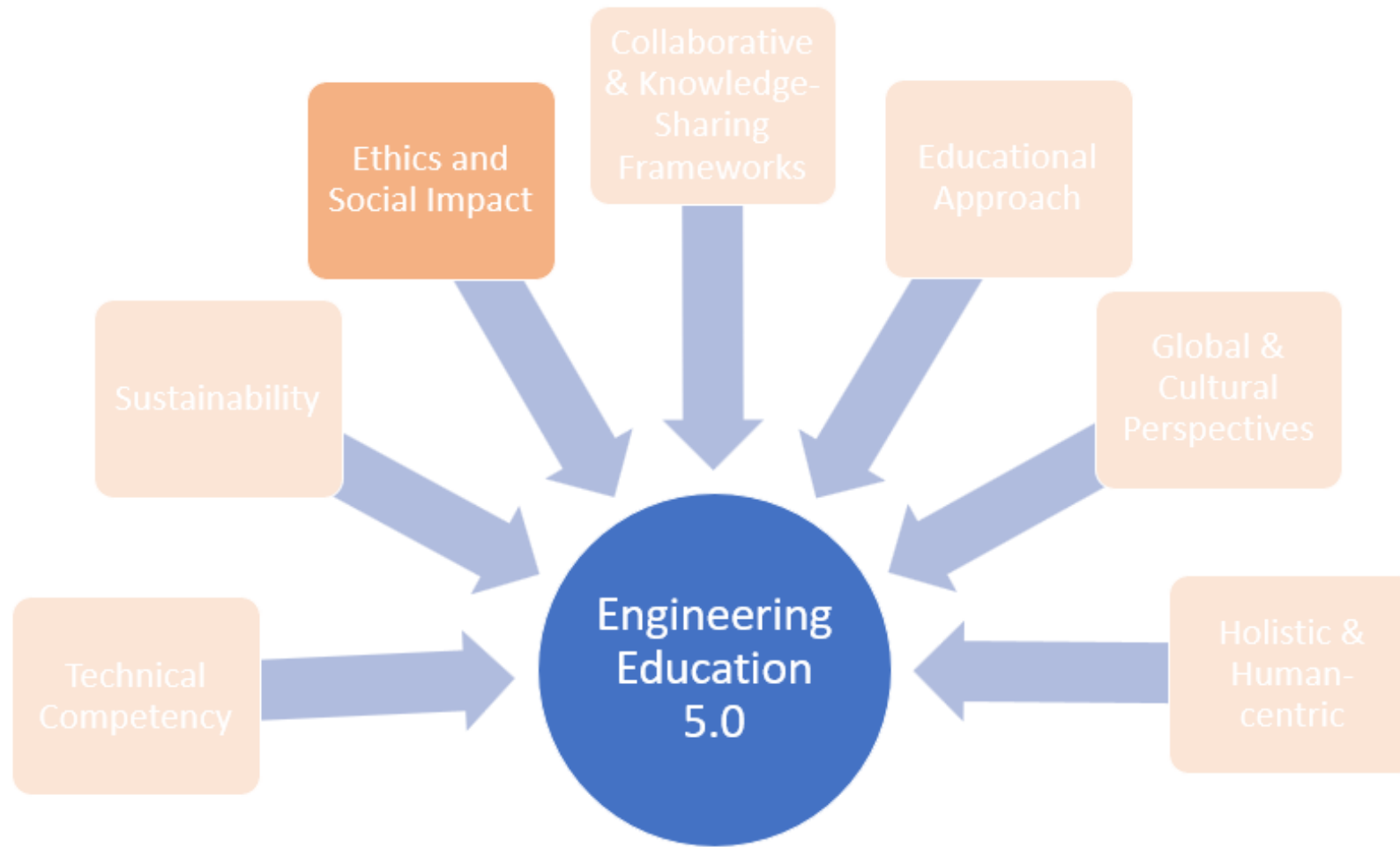
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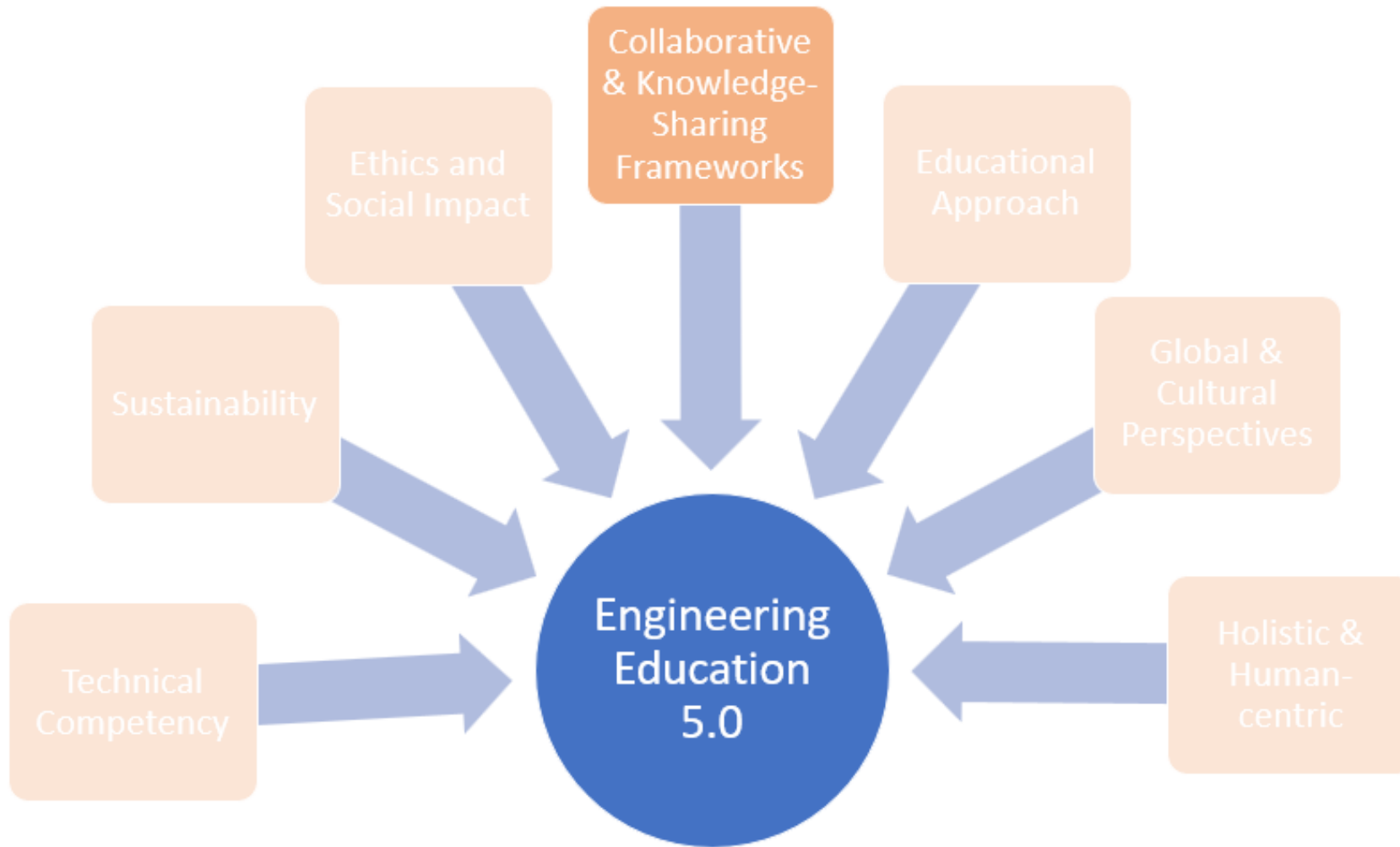
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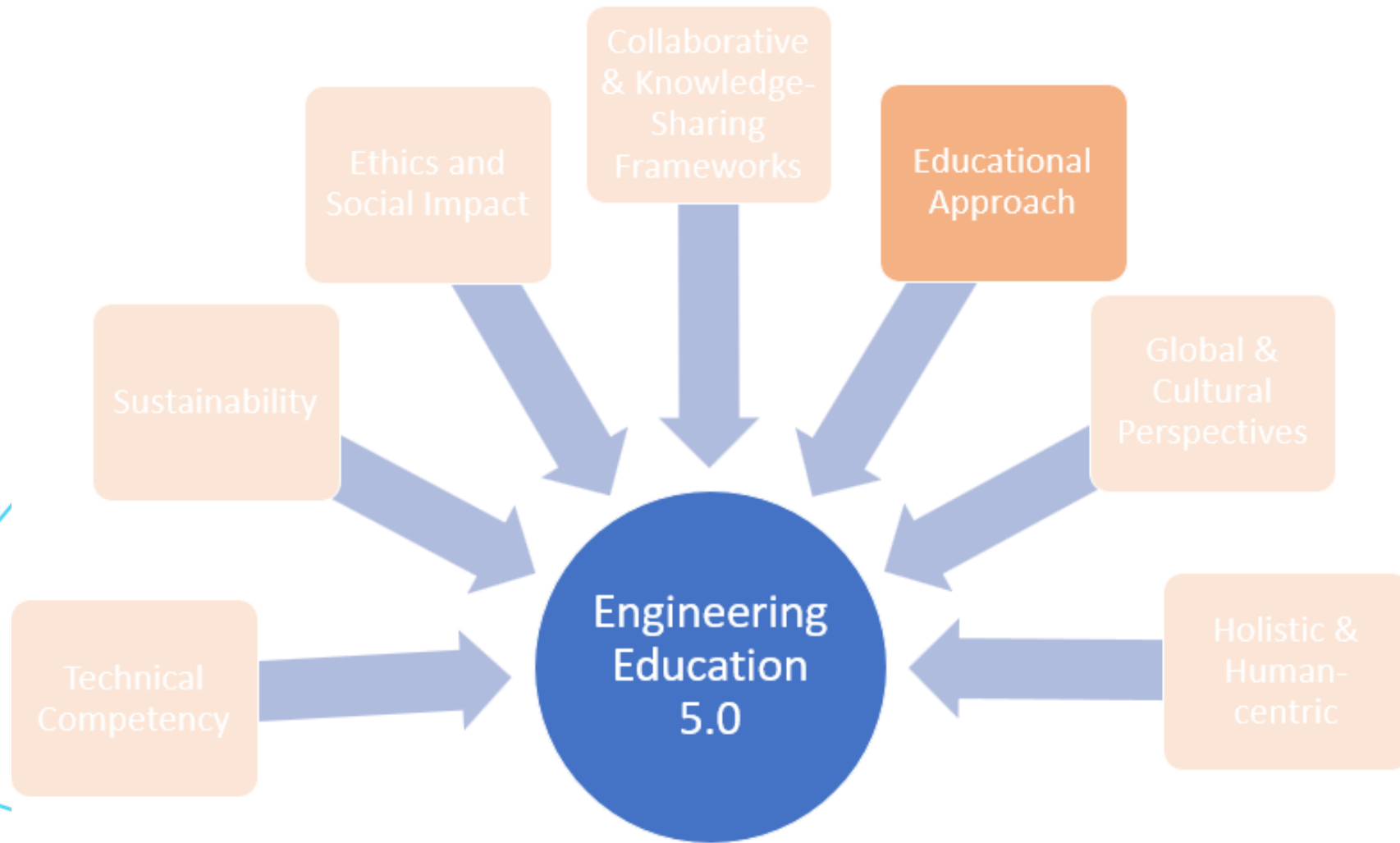
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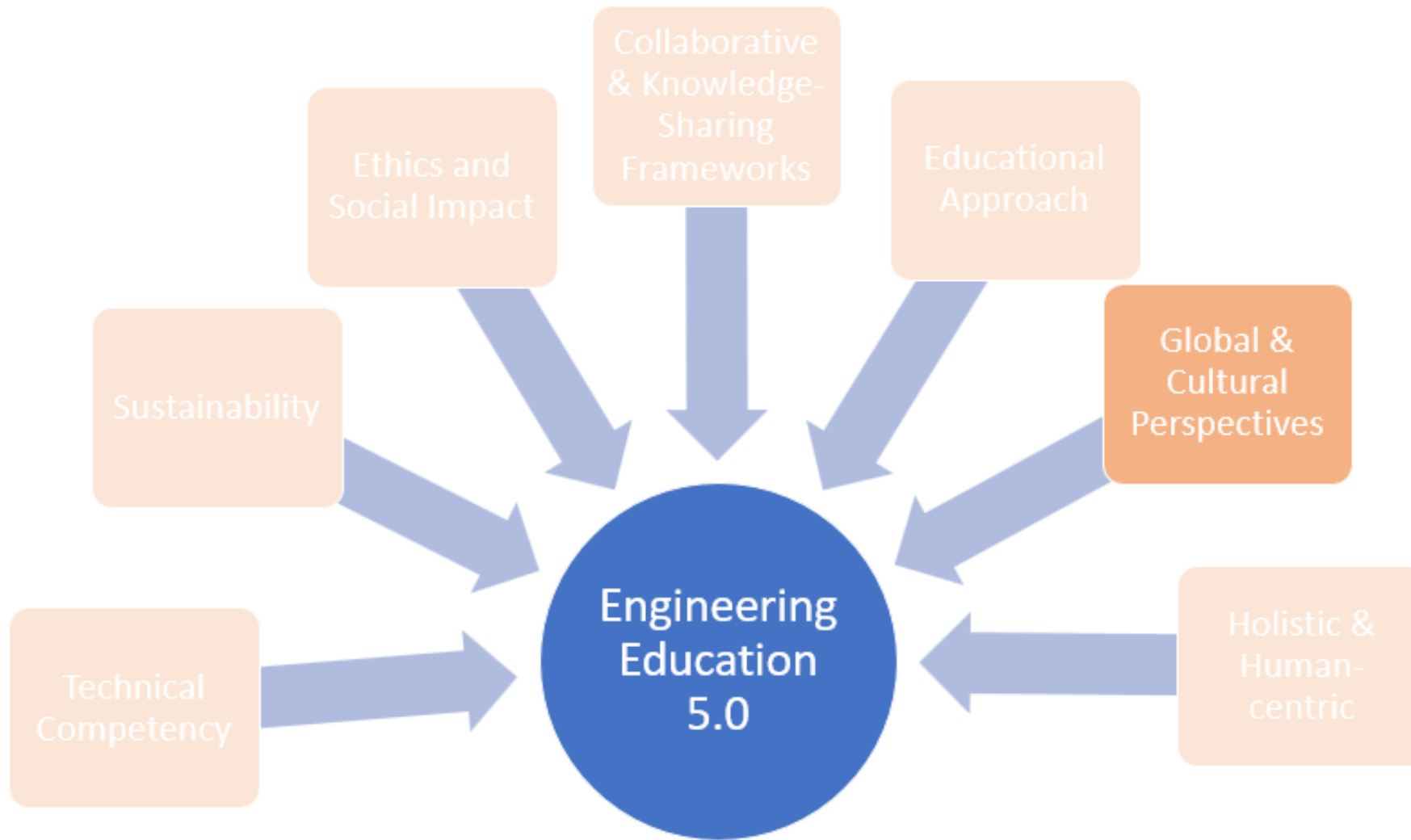
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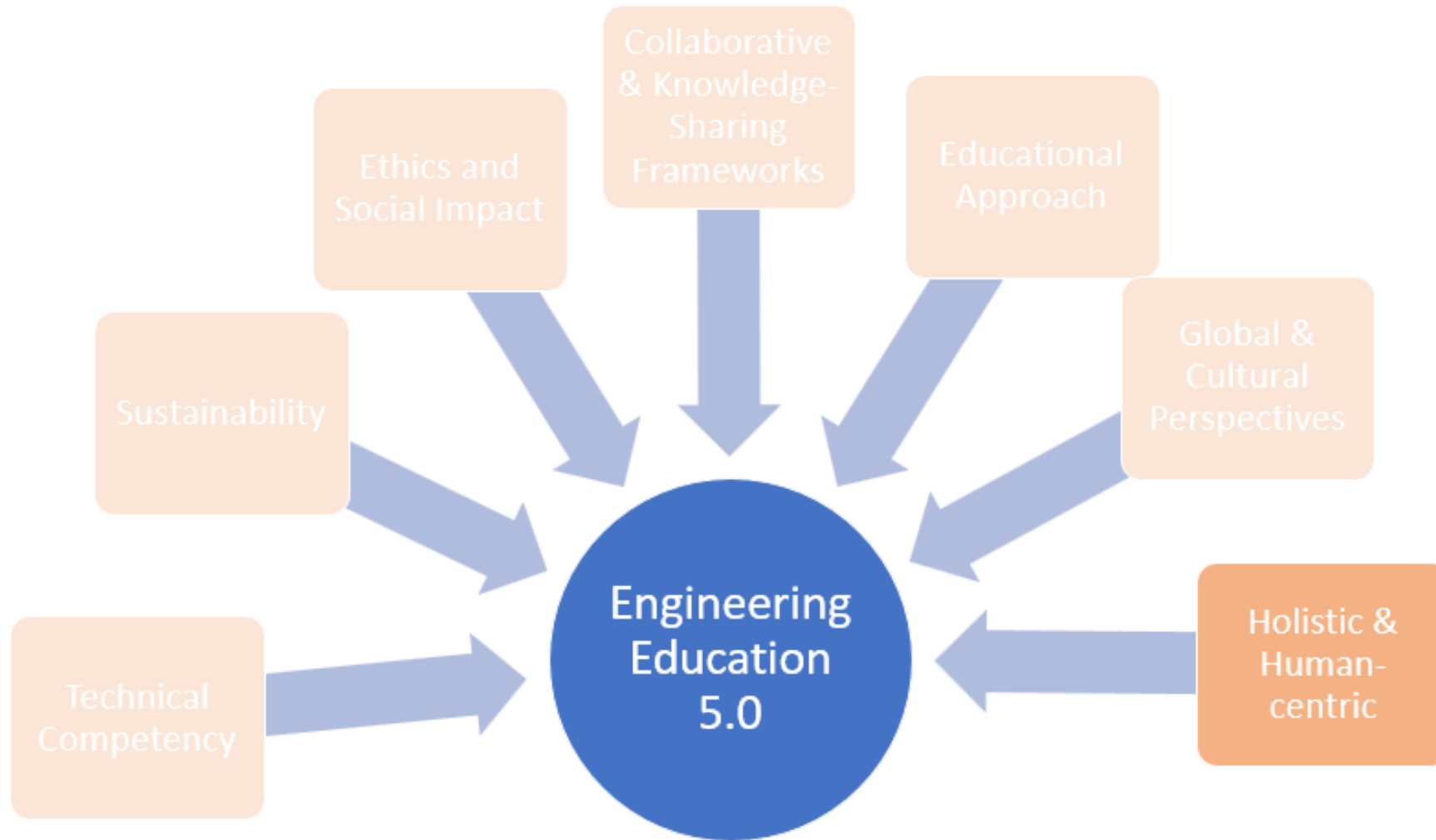
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- QQI Accredited courses (Levels 6-9): Microcredentials, Modules and Programmes
- 11 Thematic Areas under the Digital Transformation umbrella



Adv. Electronic System Design



A.I. for Medicine



Cyber Security



Data in Context



Data Science



Digital Agriculture



Digital Manufacturing



Financial Mathematics



Health Data Analytics



Quantum Engineering



Software Engineering



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Learning
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Limits

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