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| Self-Study Guide  **ICTICT426 - Identify and evaluate emerging technologies and practices** |
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1. **Identify emerging technologies and practices in IT**

**1.1 Access sources of information on emerging technologies and practices in the IT industry**Website Title – Understanding emerging technology  
Website Link - <https://www.industry.gov.au/data-and-publications/australias-tech-future/introduction/understanding-emerging-technologies>

Website Title - Emerging Technology  
Website Link - <https://www.smartcompany.com.au/technology/emerging-technology/>

**1.2 Identify and document emerging technologies and practices relevant to organisational context**

Website Title - Aligning to emerging technologies in Australia  
Website Link - <https://www.arnnet.com.au/article/659965/aligning-emerging-technologies-australia/>  
  
Website Title - EMERGING TECHNOLOGY IN THE AUSTRALIAN MARKET  
Website Link - <https://digitalgurus.online/au/blog/emerging-technology-australian-market/>  
  
  
Website Title - The future of production: IoT, AI, robotics, wearables and 3D printing  
Website Link - <https://www.enterpriseinnovation.net/article/future-production-iot-ai-robotics-wearables-and-3d-printing-51643031>

1. **Evaluate the impact of emerging technologies and practices**

**2.1 Evaluate features and functions of emerging technologies and practices to determine advantages and disadvantages relevant to organisational context**Website Title - Emerging Technology  
Website Link -<http://ed211website.weebly.com/advantagesdisadvantages-of-emerging-technology.html>

**2.2 Assess and document potential impacts of emerging technologies and practices on current organisational technologies and practices**Website Title - How IoT, AI, VR, and drones provide new revenue for 75% of IT channel partners  
Website Link -<https://www.techrepublic.com/article/how-iot-ai-vr-and-drones-provide-new-revenue-for-75-of-it-channel-partners/>

**2.3 Seek and obtain feedback from organisational representative on assessment of impact of emerging technologies and practices and incorporate feedback into report**

Website Title - The eight technologies every entrepreneur should know about  
Website Link - <https://www.theguardian.com/small-business-network/2016/oct/11/technologies-entrepreneur-small-business-blockchain-virtual-reality-drones>

1. **Develop strategies to prepare for emerging technologies and practices**

**3.1 Develop and document strategies to prepare organisation for impacts of emerging technology and practices**Website Title - How to create an IT strategy  
Website Link ­- <https://www.cio.com.au/article/632430/how-create-an-it-strategy/>

**3.2 Identify and document changes to organisational technologies and practices required based on strategies to determine organisational response**Website Title - 6 key elements of strategy for emerging technologies  
Website Link - <https://rossdawson.com/blog/6-key-elements-of-strategy-for-emerging-technologies/>

**3.3 Seek and obtain feedback from organisational representative on strategy and organisational response from organisation and incorporate feedback into strategy and organisational response**Website Title - Organizational Strategy: Definition and Examples  
Website Link - <https://tallyfy.com/organizational-strategy/>