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| **Qualification details** |  | | |
| **Training Package code and title:** | ICT40120 - Certificate IV in Information Technology **(Release 4)** | | |
| **National Qualification**  **Code & Title:** | Certificate IV in Information Technology (Networking)    Certificate IV in Information Technology (Programming)  Certificate IV in Information Technology (General)  Certificate IV in Information Technology (Gaming Development) | **State code** | AC10  AC07  BFF9  AC17 |

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| **Assessment Task** | AT02 – Project |
| **Location of assessment** | **South Metropolitan TAFE – Rockingham Campus**  Stephen Martin: 02/02/23-15/06/23  RHF41 (Cert IV IT - General), Thursday 13:30-15:30  Keryn Brockman: 01/02/23-14/06/23  RHF41 (Cert IV IT – Programming-Stage 1), Wednesday 13:00-15:00  Blake Williams: 01/02/23-14/06/23  RHH24 (Cert IV IT – Programming-Stage 2), Wednesday 10:00-12:00  Travis Bernhard:  RHF41 (Cert IV-Net-Stage 1), Tue 12:30-14:30 |
| **Location of assessment** | **South Metropolitan TAFE – Thornlie Campus**  Colton Onderwater: 31/01/23-13/06/23  8G23 (Cert IV-Game-Stage 2), Tuesday 11:30-13:30  Brian Malpass: 02/02/2023-15/06/2023  10F83 (Cert IV IT - General), Thu 13:45-15:45  Ken Beck: 30/01/2023-12/06/2023  8G21 (Cert IV IT – Programming-Stage 1), Mon 13:30-15:30  8G21 (Cert IV IT – Programming-Stage 2), Tue 15:00-17:00  Suganya Devi Ramalingam: 03/02/2023-16/06/2023  10F83 (Cert IV-Net-Stage 1), Fri 12:45-14:45 |
| **Location of assessment** | **South Metropolitan TAFE – Murdoch Campus**  Rupan Das: 01/02/2023-14/06/2023  T101 (Cert IV IT – Programming-Stage 1), Wed 13:00-15:00  Ken Beck: 02/02/2023-15/06/2023  T101 (Cert IV IT – Programming-Stage 2), Thu 14:15-16:15  Don Damov: 02/02/2023-15/06/2023  T105 (Cert IV-Net-Stage 1), Thu 11:00-12:30 |

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| **National Code & Title** | ICTICT426 OAQ12 Identify and evaluate emerging technologies and practices | | |
| **Date Due** | 15/06/2023 | **Date Received** | Click here to enter a date. |

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| **Student Name and ID** |  |
| **Student Declaration** | I declare that the evidence submitted is my own work:  ………………………………………….. |

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| **Assessor Name** | **Assessor Name** | | | |
| **Assessment Decision** | Satisfactory | | Not Yet Satisfactory | |
| **Assessor Signature** |  | | **Date** | Click here to enter a date. |
| **Is student eligible for reassessment (Re-sit)?** | No | Yes | **Reassessment Date:** |  |

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| **ASSESSMENT FEEDBACK** | | | | |
| **Assessment Decision** | Attempt 1 | | ☐ Satisfactory | ☐ Not Yet Satisfactory |
| Attempt 2 | | ☐ Satisfactory | ☐ Not Yet Satisfactory |
| Attempt 3 | | ☐ Satisfactory | ☐ Not Yet Satisfactory |
| **Assessor Name** |  | | | |
| **Assessor Signature** |  | | **Date:** |  |
| **Feedback to student** | | | | |
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| **Feedback from student** | | | | |
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| **Student name** | |  | | |
| **Student’s signature** | |  | **Date:** |  |

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| **INFORMATION FOR ASSESSORS** |
| Students are required to answer a series of knowledge-based questions.  A marking guide has been provided |
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| **INFORMATION FOR STUDENTS** | |
| Purpose of Assessment | This assessment evaluates your knowledge of:   * Planning the implementation of new technology into a business * The impact the new technology will have on the business |
| Allowable materials | Weekly Readings, Class notes, Weekly Activities |
| Required resources | Computer with:   * Computer operating system; * Internet Access; * Word processing software; * Access to online learning system; |
| Assessment Presentation and Submission | For this project assessment you must complete ALL tasks.  Use of research tools in formulating answers are acceptable – but work submitted must be student’s own work.  Final documentation is to be uploaded to the appropriate area in the Blackboard course created for this class.  If you are marked as NYS (Not Yet Satisfactory) on your first attempt, you will be provided with another opportunity to re-attempt the assessment at the discretion of the lecturer. |
| Project contents | This assessment consists of 3 sections   1. Identify emerging technologies and practices in IT 2. Evaluate the impact of emerging technologies and practices 3. Develop strategies to prepare for emerging technologies and practices |
| Skills being assessed | To complete the unit requirements safely and effectively, you will demonstrate skills related to the following:  ICTICT426 - Identify and evaluate emerging technologies and practices   * Identify emerging technologies and practices in IT * Evaluate the impact of emerging technologies and practices * Develop strategies to prepare for emerging technologies and practices   Performance evidence  Describe and evaluate purpose, features, attributes and potential applications of:   * three emerging technologies * three emerging practices in the ICT sector   Develop a strategy to respond to each of the three emerging technologies and three emerging practices, including:   * potential organisational opportunities and threats resulting from the emerging technology and practice * likely impact on current organisational technologies and practices * objectives of the organisation in responding to the emerging technology or practice * changes required in order to achieve intended objectives of the organisation * considerations for how to implement the changes required |

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| **Reasonable Adjustment** |
| Please refer to the DAP for reasonable adjustment guidelines |

**ASSESSMENT INSTRUCTIONS**

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| **SCENARIO** |
| You work for a small managed service provider (MSP), “CITEMS”. CITEMS is an IT Services company that has many different divisions. The main departments are Managed Systems and Network Support, Software Development and Media/Gaming Development. As part of the full-service approach that CITEMS takes with their customers, CITEMS is often called upon to design new systems and implement new technologies into their customer’s businesses. The questions below will be used by management to decide if any emerging technologies are beneficial to the technology solutions for their customers.  Further information about CITEMS can be found at [www.citems.com.au](http://www.citems.com.au), including the mission, policies and contact information.  Specific components of the scenario are against each task. |
| **STUDENT SUMMARY INSTRUCTIONS** |
| 1. Complete ALL questions in the assessment 2. Once ALL questions are answered, submit the assessment to Blackboard under AT02. |

# Tasks

This assessment is to be completed using the document AT02 - Technology Evaluation Report.docx

This document can be found in [AT2](https://blackboard.southmetrotafe.wa.edu.au/webapps/assignment/uploadAssignment?content_id=_1868115_1&course_id=_19482_1&group_id=&mode=cpview) in Blackboard

**Once complete, upload “AT02 – ICTICT426” (this document) and the “Technology Evaluation Report” together to AT02 on Blackboard.**