|  |  |
| --- | --- |
| Assessment Title | Assignment 2: Change Management Plan |

## Competency Details

|  |  |
| --- | --- |
| Unit code/s and title/s | ICTICT517 - Match ICT needs with the strategic direction of the organisation |
| Qualification code/s and title/s | ICT50220 - Diploma of Information Technology |
| Business unit/Work group | Business and Arts/IT Studies |

## Instructions

|  |  |
| --- | --- |
| Method/s of assessment | Questioning (Written)  Product (Written Email) |
| Overview of assessment | This assessment will require you to demonstrate your ability to read policies and procedures, prioritise tasks, interact with others, and seek approval. |
| Task/s to be assessed | This assessment will require you to complete the following tasks   * Task 1: Develop change management plan * Task 2: Risk Management * Task 3: Seek Approval |
| Time allowed | Refer to your schedule for submission dates |
| Location of assessment | Assessment can be completed anywhere with access to the resources required. (see Resources Required section below) |
| Decision making rules | To receive a satisfactory outcome for this assessment you must complete all parts correctly.  Word counts are provided as guidance only. |
| Assessment conditions | This assessment must be undertaken where the conditions replicate noise levels and interruptions that people typically experience working in the ICT industry.  This is unsupervised assessment, and you may access any required resources.  This is not group work and must be completed as an individual. |

|  |  |
| --- | --- |
| Resources required | To complete this assessment, you will require the following:   * Access to Learn with Internet access * Learn resources * Word processing software such as Microsoft Word. * Email software such as Microsoft Outlook * International Technical Institute\_ Documents.zip   + Organisational project management policy and procedures (File: International Technical Institute\_Project Management policy and procedures)   + Project guidelines (File: International Technical Institute\_Project Guidelines) to complete the Work Breakdown Structure   + Work Practices & Communication (File: International Technical Institute\_Work Practices & Communication)   + Risk Management Policy (File: International Technical Institute\_Risk Management Policy) * Assignment 1: Business Strategy and ICT gaps   You can complete on your own computer or laptop if you are able to source the above requirements.  **Note: This Assignment is in continuation of the Assignment 1: Business Strategy and ICT gaps** |
| Result notification and reassessment information | You will be provided feedback and the result for your assignment on TAFESA Learn. You will be and given the chance to resubmit with required corrections only once.  Refer to the TAFE SA assessment policy for more information <https://www.tafesa.edu.au/apply-enrol/before-starting/student-policies/assessment> |

**Task 1: Develop change management plan**

You are required to develop a Change Management Plan using the template provided.

The following documents will be required to complete the Change Management Plan

* Gap Analysis Report (Assignment 1)
* Organisational project management policy and procedures (File: International Technical Institute\_Project Management policy and procedures)
* Project guidelines (File: International Technical Institute\_Project Guidelines) to complete the Work Breakdown Structure

After discussion with the Project Team, the following tasks for the project have been decided upon.

|  |  |
| --- | --- |
| **Task Name** | **Duration** |
| Lessons Learnt | 1 week |
| Consultation | 1 day |
| Identify the right applications | 2 days |
| Select the platform and the Subscription | 1day |
| Select the cloud computing service provider | 1 day |
| Meeting with Cloud Services Provider | 1 day |
| Meeting with CEO   * Define the project goals and objectives * Define your project | 1 day |
| Determine and create service level agreements | 2 days |
| Internet connection - configure direct-to-internet connections | 1 week |
| Report via email to ICT Supervisor – Gap Analysis | 1 day |
| Migrate to cloud | 2 weeks |
| Training: train users, document system | 1 week |
| Transfer existing Domain (internationaltechnicalinstitute.com.au) from BEAST IT to another provider | 1 week |
| Integrate on-premises Active Directory with Azure Active Directory Connect | 1 week |
| Test the Microsoft 365 implementation | 1 week |
| Meeting with ICT Supervisor | 1 day |
| Configure DomainController – for adding users with Azure AD Connect | 1 week |
| Close | 1 day |
| Research Bandwidth requirements and WAN Connectivity | 2 days |
| Initiate Project | 1 day |

1. Develop a Change Management Plan

**Change Management Plan for Cloud implementation**

**Summary**

This change management plan outlines the approach of transitioning ITI, individuals, and teams within ITI, from the current state of only physical classes to a desired future state of online classes with cloud service providers, ensuring successful implementation and stakeholder acceptance.

**Strategic objectives**

* Increase Student Numbers by 10% by 30th June 2024 by adding online classes
* Increase staff collaboration by 100% using online collaboration tools, this is to be done by 30th June 2024
* To reduce desktop software cost by 5%, by switching to a SaaS model, to be done by 30th June 2024
* Provide storage scalability as required using SaaS providers, this is to be implemented by 30th June 2024
* Improve security and privacy by making sure it is ISO 27.001 and implementing cyber security policies by 30th June 2024

**ICT system changes**

1. Student Server
2. Admin
3. EDU
4. Support
5. NAS
6. Microsoft Office 2013
7. Server Network Switches
8. MS Exchange 2010

**Schedule**

Refer to WBS breakdown

**Financial**

|  |  |
| --- | --- |
| **Hardware & Services** | **Cost per year** |
| WAN connection/Internet/Bandwidth | $24,400.00 |
| Cloud Services   * Software Subscription * Storage and Backup * Security and compliance * Support and deployment * Threat Protection | $234,900.00 |
| Total Cost | $259,300.00 |

**Work Breakdown Structure (WBS)**

Refer to the Project Guidelines (File: International Technical Institute\_Project Guidelines) to complete the WBS

After the discussion with the Project Team, the tasks given in the introduction section have been decided upon.

You have been asked by the ICT Supervisor to prioritise these tasks and complete the WBS.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Task** | **Task Name** | **Duration** | **Start Date** | **End Date** | **Predecessor** | **Responsibility** |
| 1 | Initiate Project | 1 day | 24/7/2023 | 24/7/2023 |  | CEO - Organisation Representative |
| 2 | Consultation | 1 day | 24/7/2023 | 24/7/2023 | 1 | Project manager  CEO |
| 3 | Meeting with CEO   * Define the project goals and objectives * Define your project | 1 day | 24/7/2023 | 24/7/2023 | 1 | CEO  Project Manager  IT Technicians |
| 4 | Report via email to ICT Supervisor – Gap Analysis | 1 day | 25/7/2023 | 25/7/2023 | 2 | IT Technicians  ICT Supervisor |
| 5 | Identify the right applications | 2 days | 25/7/2023 | 26/7/2023 | 4 | IT Technicians |
| 6 | Select the platform and the Subscription | 1 day | 27/7/2023 | 27/7/2023 | 5 | IT Technicians |
| 7 | Select the cloud computing service provider | 1 day | 28/7/2023 | 28/7/2023 | 5 | IT Technicians |
| 8 | Meeting with Cloud Services Provider | 1 day | 31/7/2023 | 31/7/2023 | 6,7 | IT Technicians  ICT Supervisor |
| 9 | Determine and create service level agreements | 2 days | 01/8/2023 | 02/8/2023 | 8 | IT Technicians  Network Administrator  ICT Supervisor |
| 10 | Research Bandwidth requirements and WAN Connectivity | 2 days | 03/8/2023 | 04/8/2023 | 8 | IT Technicians |
| 11 | Internet connection - configure direct-to-internet connections | 1 week | 07/8/2023 | 14/8/2023 | 9,10 | IT Technicians  Network Administrator |
| 12 | Migrate to cloud | 2 weeks | 15/8/2023 | 29/8/2023 | 11 | Network Administrator  Cloud Service Provider  IT Technicians |
| 13 | Transfer existing Domain (internationaltechnicalinstitute.com.au) from BEAST IT to another provider | 1 week | 30/8/2023 | 06/9/2023 | 12 | IT Technicians  Network Administrator |
| 14 | Configure Domain Controller – for adding users with Azure AD Connect | 1 week | 07/9/2023 | 14/9/2023 | 13 | Network Administrator |
| 15 | Integrate on-premises Active Directory with Azure Active Directory Connect | 1 week | 15/9/2023 | 22/9/2023 | 14 | Network Administrator |
| 16 | Test the Microsoft 365 implementation | 1 week | 25/9/2023 | 02/10/2023 | 13,14,15 | Network Administrator  Cloud Service Provider |
| 17 | Meeting with ICT Supervisor | 1 day | 02/10/2023 | 02/10/2023 | 16 | Andre Alexandrov |
| 18 | Training: train users, document system | 1 week | 03/10/2023 | 10/10/2023 | 17 | Andre Alexandrov |
| 19 | Close | 1 day | 11/10/2023 | 11/10/2023 | 18 | Project Team |
| 20 | Lessons Learned | 1 week | 11/10/2023 | 18/10/2023 | 19 | Project Team |

**Task 2: Risk Management**

1. Once you have completed the Change Management Plan, you need to complete Risk Assessment on the change that is required by the organisation.

For this task, you will need the following documents:

* Organisational project management policy and procedures (File: International Technical Institute\_Project Management policy and procedures)
* Project guidelines (File: International Technical Institute\_Project Guidelines) to complete the Work Breakdown Structure
* Work Practices & Communication (File: International Technical Institute\_Work Practices & Communication)
* Risk Management Policy (File: International Technical Institute\_Risk Management Policy)

You are required to:

|  |  |  |  |
| --- | --- | --- | --- |
| **Area/Department** | IT Department | **Risk Register ID** | N/A |
| **Target Date of Risk Assessment** | 27/10/2023 |  |  |
| **Date of Risk Assessment** | 07/11/2023 | **Risk Category** |  |
| **Risk Owner** | Andre Alexandrov | **Assessment Conducted By** | Andre Alexandrov, Alexis Treulieb-Berk |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Establish the Context** | | **Risk Description** | | **Effectiveness of Controls** | | **Analysis** | **Evaluation** |
| **Objective** | **Context** | **Risk Source** | **Description** | **Current Control(s)** | **Control Rating** | **Risk Rating** |
| (5 Objectives) | (List one internal factor and one external factor) | (List one Risk source) | (List one Cause  List one Event  List one Impact) | (List two current controls) | (High, Medium or Low) | (Almost Certain,  Likely, Possible,  Unlikely, Rare) | (List two treatments for the risk) |
| To Increase student numbers by 10% in the next fiscal year by offering external and online courses. | External   * Unable to keep up with emerging technologies * Political climate * Legislative requirements * Competition * Fashion (courses in demand)   Internal   * Organisational culture * Human Resources * Organisation Structure   Management | * Change in management * Change in government funding * Changes in legislation * Technology upgrades * Interstate competition * Demand for IT courses have changed * Staff availability and capability | Cause  Failure to maintain client service management system  Event  Leads to delays in service delivery  Impact  Results in poor service level to core clients | * Governance committee * policies and procedures * quality improvement plans | High | Possible | Options for treatment include:   * Avoidance of risk * Pursuing risk * Changing likelihood * Changing consequence |
| Increase staff collaboration by 100% | External   * Unable to keep up with emerging workflows. * Evolving work culture   Internal   * Reduced efficiency due to lack of communication | * Technology upgrades * Economic constraints | Cause  Failure to maintain collaborative systems.  Event  Leads to inefficient collaboration between staff.  Impact results in worse collaboration between staff. | * policies and procedures * Standardised industry practices | High | Unlikely | * Avoidance of risk * Changing objective goal |
| To reduce desktop software cost by 5% | External   * Unable to keep up with competition at cost.   Internal   * Budget restraints | * Change in management. * Changes in legislation * Sudden changes in cost | Cause  A sudden unexpected rise in alternative cost  Event  Makes ITI unable to pay software costs  Impact  Access to software ceases | * EULA with chosen solution * quality improvement plans | Medium | Likely | * Risk mitigation * Changing likelihood |
| Provide storage scalability as required | External   * Fashion, scalable storage is popular. * Unable to keep up with costs of scalable alternatives.   Internal  -unable to scale effectively to storage needs | * Technology upgrades | Cause  Failure to properly implement technology into business.  Event  Leads to delays in implementation.  Impact  Increases costs of implementation, also increases wait time. | * policies and procedures * Standardised industry practices | Medium | Possible | Pre plan change/risk mitigation  Pursuing risk |
| Improve security and privacy | External   * Legislative requirements   Internal   * Protecting customer data. | balancing security and privacy with usability | Cause  Failure to implement effective security and privacy measures  Event  Users encounter difficulty accessing information or completing tasks due to excessive security measures  Impact  Reduced user productivity and satisfaction, increased risk of workarounds that compromise security | * Legislation * Privacy policy   vide storage scalability as required | High | Likely | security and privacy risk assessment  consult with security experts |

Name of Colleague: Alexis Treulieb-Berk Signed By: Alexis Treulieb-Berk

1. Provide a summary of the following after the Risk Assessment has been completed. (Approximately 100 words)

* What was the deadline date for completing the Risk Assessment? Was Risk Assessment completed by deadline date approved by the team
* Were you able to negotiate an appropriate time to meet for the discussion? If not, what did you do?
* What skills did you use for communication to achieve the outcome?
* What demographical differences did you have to accommodate for? How did you accommodate the differences?

In order to complete the Risk Assessment Alexis and I first had to allocate a time to complete the assessment, this one done through multiple email exchanges in which we discussed available times and came up with the deadline of Friday 27/10/2023, the assessment was not complete on that date, and we came up with another date on Tuesday 7/11/2023 as we were in the same location at the time, this time it was completed. During the discussion on the assessment, we both acted professionally, using active listening skills. Alexis and I have many demographical differences, as I’m an Australian male while Alexis is an American female, there is also an age between us of around 20 years, Alexis is also non-religious whereas I am. The demographical differences did not hamper our discussion as we both speak English well and understand professional discussion standards, we chose Australian English spelling as that is where we are located, although location was an issue this was solved by going to a central location that we both regularly attend.

**Task 3: Seek Approval**

You will need to reference the Work Practices & Communication document (File: International Technical Institute\_Work Practices & Communication)

Once you have completed the Change Management Plan, submit this document (Assignment) via LEARN

After you have submitted the document, you are required to:

* Compose an email to the ICT Supervisor (Lecturer). Do not send it but save and submit this email to LEARN.
* The email should include the following. (Approximately 50 words)
  + Purpose of the email
  + Inform the ICT Supervisor that the Change Management Plan has been submitted
  + Seek feedback from the ICT Supervisor