

## LEVEL 6 ASSESSMENT SPECIFICATION

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                      |                                                      |
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| Programme:                      | BSc (Hons) Cloud Computing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                      |                                                      |
| Module:                         | Data Centre Virtualization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                      |                                                      |
| Module code:                    | ACUA 6001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Contribution to Overall Module Assessment (%):       | 100%<br>Task A Presentation-30%<br>Task B Report-70% |
| Lecturer:                       | Koushik Modak                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Internal Verifier:                                   | Renuga Jayakumar                                     |
| Assignment Title:               | A research report on Data Centre Virtualization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Word count (or equivalent):                          | 4000 (Report)                                        |
| Submission deadline:            | <b>To be announced by the Assessment team-</b><br>Please refer to the assessments schedule published on Students' Hall in Moodle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Return date of provisional marks & written feedback: | <b>After the Exam Board</b>                          |
| Submission method:              | <p>All written assessments, where practical and possible, must be submitted via Turn-it-in unless otherwise instructed by the Lecturer. (Please DO NOT put this assessment specification into Turn-it-in or it will match many similarities with other students' submissions.)</p> <p><b>Alternative submission method (if applicable):</b></p> <p><b>Late submission of the assessment will result in a late penalty mark.</b> Penalties for late submission: Up to one week late, maximum mark of 40%. Over one week late, 0%. Only the Extenuating Circumstances Panel may approve a change to submission dates.</p> |                                                      |                                                      |
| Academic honesty / referencing: | Academic honesty is required. In the main body of your submission you must give credit to authors on whose research and ideas your work is based. Append to your submission a reference list that indicates the books, articles, etc. that you have used, cited or quoted in order to complete this assessment.                                                                                                                                                                                                                                                                                                         |                                                      |                                                      |

**Module Learning Outcomes  
(from module syllabus)**

1. Demonstrate comprehensive and detailed knowledge of complex virtualisation technologies and their deployment.
2. Demonstrate in depth theoretical understanding of how virtualisation relates to the wider field of cloud computing, including a rational underpinning of theoretical principles including sustainability.

## **TASK DESCRIPTION**

Students are required to complete two different tasks which are named as Task A and Task B. A description of Task A and Task B along with the mark distribution is as follows:

### **TASK A (Presentation): 30%**

You will be required to prepare and present two presentations (Presentation 1 and Presentation 2) in two different weeks and then you need to upload your work online. The date and time of those two presentations will be finalised and notified to you. Each presentation will be an individual presentation and each student will be given 10-15 minutes of time to present. Please use references (IEEE referencing) and screenshots to illustrate your findings. A brief description of those two presentations is presented below.

#### Presentation 1:

You need to investigate on different data centre virtualisation service providers such as VMware, Windows VMs, Azure and Citrix. Then prepare a presentation, which should include:

- a. An explanation on the importance of those technologies.
- b. A brief overview of its features and benefits to an organisation that wants to use Cloud Computing.
- c. An explanation of vSphere 7.0 and Microsoft Hyper-V.

#### Presentation 2:

You need to investigate on Storage Area Network (SAN) and prepare a presentation that states what a SAN is and how it is used in a virtualised data centre. The presentation should also include the following:

- a. A description of the basic hardware components of the SAN.
- b. How it is interconnected.
- c. The software that is required to manage and monitor the operation of the SAN.
- d. How the SAN can be scaled to allow for future growth.
- e. How security of data is managed including data redundancy and protection from non-authorised access.

## **TASK B (Research Report): 70%**

In this task, you are required to produce a research report on two given scenarios. The report should be of 4000 words in total where you are expected to spend about 2500 words on scenario 1 and about 1500 word on scenario 2. The referencing should be done in IEEE referencing style, which can be downloaded from Moodle. The scenario 1 will carry 50% of the total marks assigned for this section and the scenario 2 will carry the rest 20%. Two scenarios are presented below.

### **Scenario 1 (50%):**

UWTSD have decided to virtualise its central IT operation and to build a virtualised Data Centre to centraliseUWTSD's servers and services. As an expert you are tasked to produce a proposal of how the services will be structured. You need to produce a case for whether it is better for the university to create its own data centre or to use an outsourced solution such as AWS (Amazon Web Services).

**Please read the scenario above and write a research report on your recommended architecture for UWTSD. The research should mainly focus on but not limited to the technical aspects of virtualisation, especially type 1 hypervisors, design, scalability, physical limitations and external considerations for virtualised implementations and architectures, SAN (infrastructure if required), security, secure energysupply and sustainability.**

### **Scenario 2 (20%):**

ABC Data Ltd. is an organisation that has 3 physical data centres offering a single reliable data centre using virtualised technology to provide a virtualised data centre. The data centre offers cloud storage and virtualised services for fee paying customers. ABC's physical locations are connected by fibre high-bandwidth broadband connections and they mirror each other's data storage for resiliency. The organisation provides secure, safe storage and services to its customers at a premium price. For this to happen the security, hardware services and storage systems have been carefully designed.

**Please read the scenario above and based on your understanding of Virtualisation Technology and Data Centre Infrastructure Management, you need to write a report on the importance of security policy and its influences on the organisational design at ABC Data Ltd. The report should also include how SAN can help ABC Data Ltd. to protect their data from corruption and an explanation about the disaster recovery systems that are important to ABC Data Ltd. for their virtualised data centre.**

# GUIDANCE FOR STUDENTS IN THE COMPLETION OF TASKS

**NOTE:** The guidance offered below is linked to the five generic assessment criteria overleaf.

## 1. Engagement with Literature Skills

Your work must be informed and supported by scholarly material that is *relevant* to and *focused* on the task(s) set; you should make use of scholarly reviews and primary sources, where appropriate (for example, refereed research articles and/or original materials appropriate to the discipline). You should provide evidence that you have accessed a wide *range* of sources, which may be academic, governmental and industrial; these sources may include academic journal articles, textbooks, current news articles, organisational documents, and websites. You should consider the *credibility* of your sources; academic journals are normally highly credible sources while websites require careful consideration/selection and should be used sparingly. Any sources you use should be current and up-to-date, mostly published within the last five years or so, though seminal/important works in the field may be older. You must provide *evidence* of your research/own reading throughout your work, using a suitable referencing system, including in-text citations in the main body of your work and a reference list at the end of your work.

**Guidance specific to this assessment:** Your work must focus on given research topic. Your work must include articles published by peer reviewed journals, conference proceedings, books, and related website (e.g. IEEE, ACM, Science direct). Information from website such as EHow, wiki, you tube, forums, etc. will not be accepted. Marks will be awarded for:

- The extent of research undertaken into the selected areas
- Selection of credible sources
- Application of appropriate referencing conventions (numerical referencing)

## 2. Knowledge and Understanding Skills

At level 6, you should be able to demonstrate coherent and detailed knowledge and a systematic understanding of the subject area, at least some of which is informed by the latest research and/or advanced scholarship within the discipline. You should be aware of the uncertainty, ambiguity and limits of knowledge. Your work must demonstrate the growing extent of your knowledge and systematic understanding of concepts and underlying principles associated with the subject area. *Knowledge* relates to the facts, information and skills you have acquired through your learning. You demonstrate your *understanding* by interpreting the meaning of the facts and information (knowledge). This means that you need to select and include in your work the concepts, techniques, models, theories, etc. appropriate to the task(s) set. You should be able to explain the theories, concepts, etc. meaningfully to show your understanding. Your mark/grade will also depend upon the *extent* to which you demonstrate your knowledge and understanding; ideally each should be complete and detailed, with comprehensive coverage.

**Guidance specific to this assessment:** Your work must demonstrate the basic understanding of concepts and underlying principles. You should explain and analyse the chosen topic in a meaningful way.

## 3. Cognitive and Intellectual Skills

You should be able to: critically evaluate evidence, arguments, assumptions, abstract concepts and data some of which are at the forefront of a discipline (and that may be incomplete) to devise and sustain arguments, to make judgements and/or solve problems; describe and comment upon particular aspects of current research, or equivalent advanced scholarship, in the discipline. Your work must contain evidence of logical, analytical thinking, evaluation and synthesis. For example, to examine and break information down into parts, make inferences, compile, compare and contrast information. This means not just describing what! But also justifying: Why? How? When? Who? Where? At what cost? At all times, you must provide justification for your arguments and judgements. Evidence that you have reflected upon the ideas of others within the subject area is crucial to you providing a reasoned and informed debate within your work.

Furthermore, you should provide evidence that you are able to make sound judgements and convincing arguments using data and concepts. Sound, valid conclusions are necessary and must be derived from the content of your work. Where relevant, alternative solutions and recommendations may be proposed.

**Guidance specific to this assessment:** *Your work must demonstrate critical analysis and evaluation of chosen technologies. Your work must also justify your choice and provide evidence that your choice is better than other methods.*

#### **4. Practical Skills**

At level 6, you should be able to apply the methods and techniques that you have learned to review, consolidate, extend and apply your knowledge and understanding, and to initiate and carry out projects. You will deploy accurately established techniques of analysis and enquiry relevant to the discipline, and apply them in complex and unpredictable contexts, to devise and sustain arguments and/or to solve problems. You should be able to frame appropriate questions to achieve a solution - or identify a range of solutions. You should be able to demonstrate how the subject-related concepts and ideas relate to real world situations and/or a particular context. How do they work in practice? You will deploy models, methods, techniques, and/or theories, in that context or circumstances, to assess current situations, perhaps to formulate plans or solutions to solve problems, or to create artefacts, some of which may be innovative and creative. This is likely to involve, for instance, the use of real world artefacts, examples and cases, the application of a model within an organisation and/or benchmarking one theory or organisation against others based on stated criteria. You should show awareness of the limitations of concepts and theories when applied in particular contexts.

**Guidance specific to this assessment:** *Your work should demonstrate how the subject-related concepts and ideas relate to real world situations or to a particular context. You must deploy your knowledge into practice.*

#### **5. Transferable Skills for Life and Professional Practice**

Your work must provide evidence of the qualities and transferable skills necessary for graduate-level employment requiring the exercise of initiative and personal responsibility and decision-making in complex and unpredictable circumstances. This includes demonstrating: the learning ability for professional development to advance existing skills and acquire new competences of a professional nature that will enable you to assume significant responsibility within organisations; that you can initiate and complete tasks and procedures, whether individually and/or collaboratively; that you can use appropriate media to effectively communicate information, arguments and analysis in a variety of forms to specialist and non-specialist audiences; fluency of expression; clarity and effectiveness in presentation and organisation. Work should be coherent and well-structured in presentation and organisation.

**Guidance specific to this assessment:** *You must submit a report which should be approximately 2500 words in length. The report should be presented in an academic way (IEEE/ACM format) and therefore must include an abstract, an introduction, a conclusion and a list of references. The report must be submitted via Turn-it-in. Marks will be awarded for correct spelling, grammar and punctuation – 5% and structure and presentation – 5%*

# STUDENT FEEDBACK FORM

This section details the *extent* to which the assessment criteria are demonstrated by you, which in turn determines your mark. The marks available for each category of skill are shown. Lecturers will use the space provided to comment on the achievement of the task(s), including those areas in which you have performed well and areas that would benefit from development/improvement.

| Generic Assessment Criteria                                      | Marks available | Marks awarded |
|------------------------------------------------------------------|-----------------|---------------|
| <b>1. Engagement with Literature Skills</b>                      | 20              |               |
|                                                                  |                 |               |
| <b>2. Knowledge and Understanding Skills</b>                     | 25              |               |
|                                                                  |                 |               |
| <b>3. Cognitive and Intellectual Skills</b>                      | 35              |               |
|                                                                  |                 |               |
| <b>4. Practical Application Skills</b>                           | 10              |               |
|                                                                  |                 |               |
| <b>5. Transferable Skills for Life and Professional Practice</b> | 10              |               |
|                                                                  |                 |               |

**Assessment Mark** (Assessment marks are subject to ratification at the Exam Board. These comments and marks are to give feedback on module work and are for guidance only until they are confirmed. )

**Late Submission Penalties (tick if appropriate)**

Up to 1 week late (40% Max)

Over 1 week late (0%)

%

## GENERIC ASSESSMENT CRITERIA

### Level 6

In accordance with the Framework for Higher Education Qualifications, at the end of Level 6 students should have coherent and detailed knowledge and a systematic understanding of their subject area, at least some of which is informed by the latest research and/or advanced scholarship within the discipline. They will be able to accurately deploy established techniques of analysis and enquiry within a discipline, using their conceptual understanding to devise and sustain arguments and/or to solve problems. They should be aware of the uncertainty, ambiguity and limits of knowledge. They should be able to critically evaluate evidence, arguments, assumptions, abstract concepts and data (that may be incomplete), to make judgements, and to frame appropriate questions to achieve a solution - or identify a range of solutions. They will apply the methods and techniques that they have learned to review, consolidate, extend and apply their knowledge and understanding, and to initiate and carry out projects. They will have the ability to manage their own learning, and to make use of scholarly reviews and primary sources (for example, refereed research articles and/or original materials appropriate to the discipline). They will demonstrate the qualities and transferable skills necessary for employment requiring: the exercise of initiative and personal responsibility; decision-making in complex and unpredictable contexts; the learning ability needed to undertake appropriate further training of a professional or equivalent nature.

| Level 6                                                                                                          | FAIL                                                                                                                                                                                                 | MARGINAL FAIL                                                                                                                                                                                                                                         | SATISFACTORY<br>(3 <sup>rd</sup> / Pass)                                                                                                                                                        | GOOD<br>(2.2 / Pass)                                                                                                                                                                                      | VERY GOOD<br>(2.1 / Merit)                                                                                                                                                                                                           | EXCELLENT<br>(1 <sup>st</sup> / Distinction)                                                                                                               | EXCEPTIONAL<br>(1 <sup>st</sup> / Distinction)                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Category                                                                                                         | 0-29%                                                                                                                                                                                                | 30-39%                                                                                                                                                                                                                                                | 40-49%                                                                                                                                                                                          | 50-59%                                                                                                                                                                                                    | 60-69%                                                                                                                                                                                                                               | 70-84%                                                                                                                                                     | 85-100%                                                                                                                                                                                     |
| <b>Engagement with literature</b><br>(including reading, referencing, academic conventions and academic honesty) | Little or no evidence of reading and/or reliance on inappropriate sources. Views and findings mostly unsupported and non-authoritative. Referencing conventions used incoherently or largely absent. | Poor engagement with essential reading. No evidence of wider reading. Reliance on inappropriate sources, and/or indiscriminate use of sources. Heavily reliant on information gained through class contact. Inconsistent and weak use of referencing. | Engagement with a limited range of mostly relevant and credible sources. Some omissions and minor errors. Referencing conventions evident though not always applied accurately or consistently. | Engagement with an appropriate range of research-informed literature, including sources retrieved independently. Some over-reliance on texts. Referencing may show minor inaccuracies or inconsistencies. | Engagement with a wide range of research-informed literature, including sources retrieved independently. Selection of relevant and credible sources. Very good use of referencing, with no/very few inaccuracies or inconsistencies. | Engagement with an extensive range of relevant and credible literature, informed by the latest research. Consistently accurate application of referencing. | Exceptional engagement with an extensive range of relevant and credible literature, informed by the latest research. High-level referencing skills consistently and professionally applied. |
| <b>Knowledge and understanding</b><br>(Coherent and detailed)                                                    | Major gaps in knowledge and systematic understanding of the subject                                                                                                                                  | Gaps in knowledge, with only superficial systematic understanding.                                                                                                                                                                                    | Limited knowledge and systematic understanding of the relevant                                                                                                                                  | Knowledge is reasonably detailed, accurate with a good systematic                                                                                                                                         | Knowledge is reasonably extensive coherent and detailed.                                                                                                                                                                             | Excellent coherent and detailed knowledge and systematic                                                                                                   | Exceptionally coherent and detailed knowledge and systematic                                                                                                                                |

| Level 6                                                                                                                                                                                                                          | FAIL                                                                                                                                                                                                                                            | MARGINAL FAIL                                                                                                                                                                                                                                                                           | SATISFACTORY<br>(3 <sup>rd</sup> / Pass)                                                                                                                                                                                                                                                  | GOOD<br>(2.2 / Pass)                                                                                                                                                                                                                                                                                                                                               | VERY GOOD<br>(2.1 / Merit)                                                                                                                                                                                                                                                                      | EXCELLENT<br>(1 <sup>st</sup> / Distinction)                                                                                                                                                                                                                                                                                                    | EXCEPTIONAL<br>(1 <sup>st</sup> / Distinction)                                                                                                                                                                                                                                                                                                              |
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| knowledge and systematic understanding of the subject area, at least some of which is informed by the latest research and/or advanced scholarship within the discipline.)                                                        | matter. Substantial inaccuracies. No awareness of knowledge of the latest research and/or advanced scholarship within the discipline.                                                                                                           | Some significant inaccuracies and/or irrelevant material. No awareness of knowledge of the latest research and/or advanced scholarship within the discipline.                                                                                                                           | concepts and principles within the subject area which to some limited extent, is informed by current research and scholarship.                                                                                                                                                            | understanding of the field of study and to some extent, current research and scholarship.                                                                                                                                                                                                                                                                          | Exhibits very good understanding of the breadth and depth of established views, and the work is, at least in part, well-informed by current research and scholarship.                                                                                                                           | understanding of the principles and theories of current research and scholarship. Clear awareness of challenges to established views and the limitations of the knowledge base.                                                                                                                                                                 | understanding of the principles and theories of the subject, well-informed by current research and scholarship. A critical, sophisticated and nuanced awareness of the ambiguities and limitations of knowledge.                                                                                                                                            |
| <b>Cognitive and intellectual skills</b><br>(Conceptual and critical thinking, analysis, synthesis and evaluation of research, assumptions, abstract concepts and data (that may be incomplete); logic, argument and judgement.) | Wholly or almost wholly descriptive work. Little or no analysis, synthesis or evaluation. Failure to develop arguments, leading to illogical or invalid judgements. Unsubstantiated generalisations, made without use of any credible evidence. | Largely descriptive work, with superficial use of critical evaluation. Weak development of arguments and judgements. Information accepted uncritically, uses generalised statements made with scant evidence and unsubstantiated opinions. Ideas sometimes illogical and contradictory. | Limited attempt at critical thinking, analysis, synthesis and evaluation, tending towards description. Some evidence to support emerging arguments and judgements but these may be underdeveloped or with a little inconsistency / mis-interpretation. Asserts rather than argues a case. | Some critical thinking, analysis, synthesis and evaluation. Can analyse new and/or abstract concepts and data without guidance. An emerging awareness of different stances and ability to use evidence (that may be incomplete) to support the argument. Mostly valid arguments and logical judgements. Some tendency to assert/state opinion rather than argue on | Sound critical thinking, analysis, synthesis and evaluation demonstrating critical thinking. Ability to devise and sustain persuasive arguments, and to review the reliability, validity and significance of evidence (that may be incomplete) to make mostly appropriate and valid judgements. | Excellent critical thinking, analysis, synthesis and evaluation. Ability to investigate contradictory or incomplete information and make strong, persuasive, arguments and sophisticated judgements. Some evidence of independent thought and ability to 'see beyond the question', suggesting a grasp of the broader field and wider concepts. | Exceptional critical thinking, analysis, synthesis and evaluation based on judiciously selected evidence. Ability to investigate contradictory or incomplete information and make strong, persuasive, arguments and sophisticated, nuanced, judgements. Evidence of independent thought and ability to 'see beyond the question', suggesting an outstanding |

| Level 6                                                                                                                                                                                              | FAIL                                                                                                                                                                                                                                                                                                               | MARGINAL FAIL                                                                                                                                                                                                                                                                                                                                                                      | SATISFACTORY<br>(3 <sup>rd</sup> / Pass)                                                                                                                                                                                                                                                                                                                                                                                             | GOOD<br>(2.2 / Pass)                                                                                                                                                                                                                                                                                                                                                         | VERY GOOD<br>(2.1 / Merit)                                                                                                                                                                                                                                                                                         | EXCELLENT<br>(1 <sup>st</sup> / Distinction)                                                                                                                                                                                                                                                                              | EXCEPTIONAL<br>(1 <sup>st</sup> / Distinction)                                                                                                                                                                                                                                                          |
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|                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                      | the basis of reason and evidence.                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                           | grasp of the broader field and wider concepts.                                                                                                                                                                                                                                                          |
| <b>Practical skills</b><br>(Apply/deploy accurately established tools and techniques; initiate and carry out projects; formulate solutions to solve problems in complex and unpredictable contexts.) | Limited or no use of methods, materials, tools and/or techniques. Little or no appreciation of the context of the application. Limited understanding of the application of theory to practice or making appropriate links between the two. Very weak problem-solving skills in complex and unpredictable contexts. | Rudimentary application of methods, materials, tools and/or techniques but without consideration and competence. Flawed appreciation of the context of the application. Weak understanding of the application of theory to practice, with only occasional evidence of making appropriate links between the two. Weak problem-solving skills in complex and unpredictable contexts. | An adequate awareness and mostly appropriate application of well-established methods, materials, tools and/or techniques. Basic appreciation of the context of the application. Theoretical knowledge and understanding applied in practice, but not always making logical links between the two. Can identify problems and propose basic solutions in complex and unpredictable contexts without fully appreciating the complexity. | A good and appropriate application of standard methods, materials, tools and/or techniques. Clear appreciation of the context of the application. Mainly consistent, accurate and logical application of theory to practice, making appropriate links between the two. Can identify problems and propose mostly appropriate solutions in complex and unpredictable contexts. | A very good application of a range of methods, materials, tools and/or techniques. Very good consideration of the context of the application, with perceptive insights. Can identify problems and propose appropriate solutions in complex and unpredictable contexts. Evidence of some innovation and creativity. | An advanced application of a range of methods, materials, tools and/or techniques. The context of the application is well considered, and insightful. Application and deployment extend beyond established conventions. Can identify complex problems and propose excellent solutions. Innovation and creativity evident. | Exceptional levels of application and deployment skills in unpredictable, practical contexts, drawing skilfully on the latest research within the discipline. Can identify complex problems and propose sophisticated solutions. Assimilation and development of cutting edge processes and techniques. |
| <b>Transferable skills for life and professional practice</b><br>(Exercise of initiative and                                                                                                         | Communication medium is inappropriate or misapplied. Work is poorly structured, disorganised                                                                                                                                                                                                                       | Communication medium is poorly designed and/or not suitable for the audience. Work is poorly presented in a                                                                                                                                                                                                                                                                        | Can communicate in a suitable medium but with some room for improvement.                                                                                                                                                                                                                                                                                                                                                             | Can communicate effectively in a suitable format, but may have minor errors.                                                                                                                                                                                                                                                                                                 | Can communicate well, confidently and consistently in a suitable format.                                                                                                                                                                                                                                           | Can communicate professionally confidently and consistently in a suitable format.                                                                                                                                                                                                                                         | Can communicate with an exceptionally high level of professionalism.                                                                                                                                                                                                                                    |

| Level 6                                                                                                                                                                                                                                                                   | FAIL                                                                                                                                                                                                                                                           | MARGINAL FAIL                                                                                                                                                                                                                                                                                             | SATISFACTORY<br>(3 <sup>rd</sup> / Pass)                                                                                                                                                                                                                                                                                  | GOOD<br>(2.2 / Pass)                                                                                                                                                                                                                                                                                                            | VERY GOOD<br>(2.1 / Merit)                                                                                                                                                                                                                                  | EXCELLENT<br>(1 <sup>st</sup> / Distinction)                                                                                                                                                                                                                                                                                                | EXCEPTIONAL<br>(1 <sup>st</sup> / Distinction)                                                                                                                                                                                                                              |
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| personal responsibility; professional development; initiate and complete tasks and procedures: individually and/or collaboratively; use appropriate media to communicate effectively; fluency of expression; clarity and effectiveness in presentation and organisation.) | and/or confusingly expressed. Very weak use of language and/or very inappropriate style. Little or no evidence of autonomy (or collaboration, where relevant) in the completion of tasks. Little or no evidence of the skills required in graduate employment. | disjointed manner. It is loosely, and at times incoherently, structured, with information and ideas often poorly expressed. Weak use of language and/or inappropriate style. Weak independent initiative (or collaboration, if relevant). Limited evidence of the skills required in graduate employment. | Mostly ordered presentation and structure in which relevant ideas / concepts are reasonably expressed. Work may lack coherence in places. Can work as part of a team, but with limited involvement in group activities. Demonstrates the basic skills required in graduate employment, with some areas of minor weakness. | Mostly coherent, organised work, in a suitable structure and is for the most part clearly expressed. Can work effectively independently and/or as part of a team, with clear contribution to group activities. Demonstrates the skills required in graduate employment, with some areas of strength and some of minor weakness. | Work is coherent, fluent, well-structured and organised. Can work very well autonomously and/or as part of a team, with very good contribution to group activities. Demonstrates very good graduate employment skills, with just occasional minor weakness. | Work is coherent, very fluent and is presented professionally. Can work autonomously with initiative. Where relevant can work professionally within a team, showing leadership skills as appropriate, managing conflict and meeting obligations. Demonstrates excellent graduate employment skills and an appetite for further development. | Work is exceptionally coherent, very fluent and is presented professionally. Can work exceptionally well and professionally within a team, showing advanced leadership skills. Demonstrates exceptional graduate employment skills and an appetite for further development. |