Prifysgol Cymru
Y Drindod Dewi Sant
University of Wales
Trinity Saint David

APPENDIX GA36d

LEVEL 7 ASSESSMENT SPECIFICATION

Student name:		**Student ID number:**	
Programme:	**MA Computer Animation**		
Module:	**Computer Animation: Elements**		
Module code:	**ADGD7001**	**Contribution to Overall Module Assessment (%):**	**100%**
Lecturer:	**Phil Organ**	**Internal Verifier:**	**Nabeel Masih**
Assignment Title:	**Elemental Animation Magic**	**Word count (or equivalent):**	**N/A**
Submission deadline:	**Thursday 7 December 2023**	**Return date of provisional marks & written feedback:**	**No later than 20 working term time days after the submission**
Submission method:	All written assessments, where practical and possible, must be submitted via Turnitin unless otherwise instructed by the Lecturer. (Please DO NOT put this assessment specification into Turnitin or it will match many similarities with other students' submissions.) **Alternative submission method (if applicable):** **Late submission of the assessment will result in a late penalty mark.** Penalties for late submission: Up to one week late, maximum mark of 50%. Over one week late, 0%. Only the Extenuating Circumstances Panel may approve a change to submission dates.		
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.		

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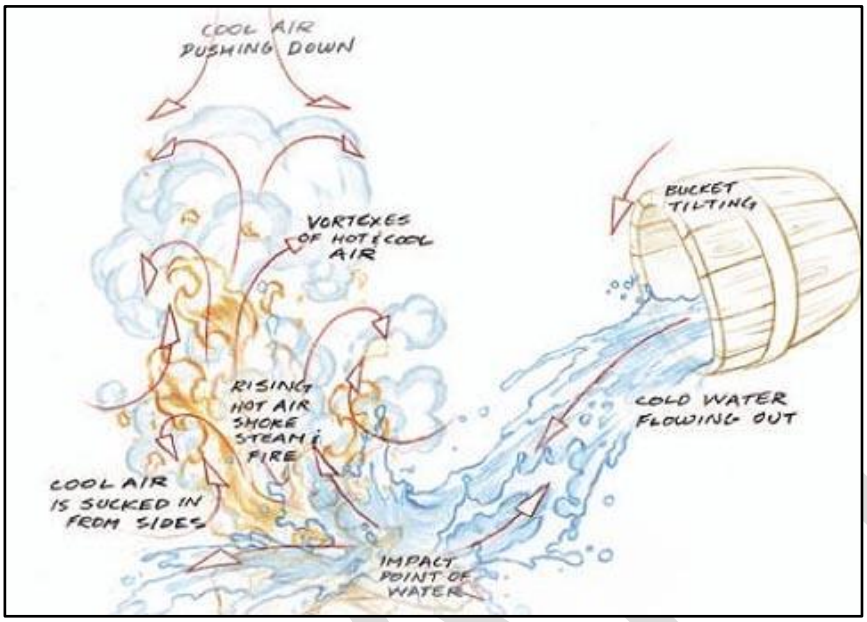
Module Learning Outcomes (from module syllabus)
• Demonstrate originality and expertise in the ability to calculate and optimise levels of animation control to create professionally quality animated representations of persona, animal behaviour and natural forces. • Demonstrate advanced contemporary knowledge and mastery of the development tools necessary for the creation of animation

TASK DESCRIPTION

"ELEMENTAL ANIMATION MAGIC"



This assignment requires you to **work individually**. Clarification on the use of A.I (e.g. CHAT GPT) will be provided at the start of the semester.

You must work on and select a series of animated sequences in both 2D and 3D from all of the class activity (and beyond).

At time of writing the class has included numerous exercises and sequences to do with animating shapes, walks, bipedal and quadrupedal, forms, bird flight, effects animation and more. Through a variety of approaches and techniques. It is also planned that there will be further animation exercises to do throughout November.

The total number, from across all the weeks, would total over a dozen or more.

All of these can be considered for an animation reel compilation of work to submit for the deadline.

You are required to choose 8 pieces of animation.
To present these on Thursday 7 December 2023. (TBA)

Each individual to cover the approach, the methods and provide insights – together with the 8 animations – on the day. You are free to enhance the work further (outside of class), to enhance and/or modify the work for the presentation on the day.

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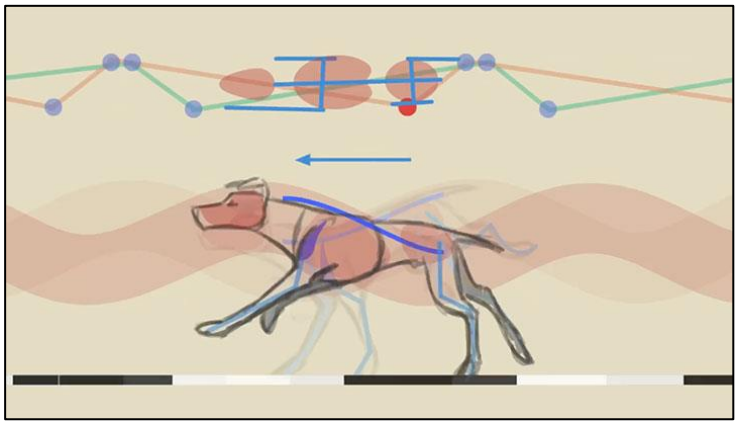

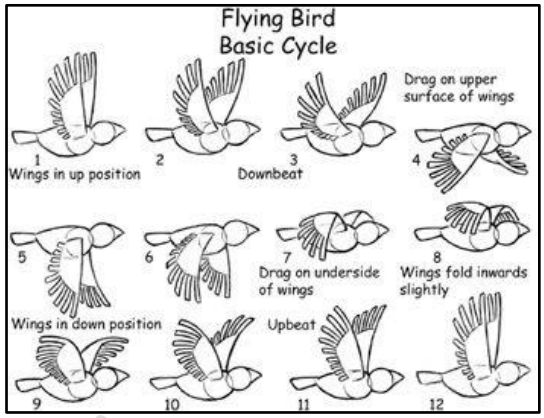

You must present clear playable files and videos of your animation material to the tutor at a time agreed by your tutor. You should play blast or render your sequences so that the final outcome is set to a good resolution (e.g. 1280 by 720 with a pixel aspect ratio of 1.0).

Each sequence should be compressed into a movie clip (H264 or compressed into a MP4) via relevant Adobe software or something similar. On the day of the presentation you must transfer the work to the TEAMS folder (for ANIMATION ELEMENTS) before the presentation is due to start.

You’re free to upload roughs and/or preliminary work and it must also include each of the MAYA scene files used in the preparation of your animation reel. All of this work will be kept online for later use by the university and external examiner.

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** ***(Marks available: 20% of the module marks)

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, as 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 correctly 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:

An effective and systematic exploration and selection of sources; effective interpretation and evaluation of findings. To include your use of real life examples in the analysis of the motion and the subsequent responses/interpretations in 2D and 3D.

2.* Knowledge and Understanding Skills** ***(Marks available: 20% of the module marks)

At level 7, you should be able to demonstrate a systematic understanding of knowledge, and a critical awareness of current problems and/or new insights, much of which is at, or informed by, the forefront of your academic discipline, field of study or area of professional practice, with a comprehensive understanding of techniques applicable to your own research or advanced scholarship. Your work must demonstrate your growing mastery of these concepts, principles, current challenges, innovation and insights 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 contemporary 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:

Understanding and application of concepts and underlying principles associated with the discipline and the specific context of study. Your use of any rigs or scenes provided (or further adapted) from class demonstrates a keen sense and appreciation of animation and character animation principles.

3.* Cognitive and Intellectual Skills** ***(Marks available: 20% of the module marks)

You should be able to: evaluate critically current research and advanced scholarship in the discipline; evaluate methodologies and develop critiques of them and, where appropriate, to propose new hypotheses; deal with complex issues both systematically and creatively to make sound judgements in the absence of complete data. 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 experts within the subject area is crucial to you providing a reasoned and informed debate within your work. Your choice of methodologies to gather data and information must be rigorously defended. Furthermore, you should provide evidence that you are able to make sound judgements and convincing arguments using data and concepts. Sound, valid, persuasive conclusions are necessary and must be derived from the content of your work. Where relevant, alternative solutions and recommendations may be proposed.

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Guidance specific to this assessment:
There are clear indications that you are developing a particular style and/or flair of motion and action and performance within the iteration and realisation of believable movements, physics (inc. forces) and animation. Innovative and effective concepts have been deployed throughout with appropriate application of problem solving, creative experimentation and testing methods.

4. **Practical Skills** ***(Marks available: 20% of the module marks)***
At level 7, you should be able to demonstrate originality in the application of knowledge, together with a practical understanding of how established techniques of research and enquiry are used to create and interpret knowledge in the discipline. This includes acting autonomously in planning and implementing tasks at a professional or equivalent level, originality in tackling and solving problems, and decision-making in complex and unpredictable contexts or situations.

You should be able to demonstrate mastery of the leading edge subject-related concepts and ideas as they relate to real world situations and/or particular contexts. How do they work in practice? You will deploy models, methods, techniques, and/or theories, in those contexts or circumstances, to assess current situations, perhaps to formulate plans or plausible, justifiable recommendations to solve problems, or to propose new models, or to create artefacts, which may be innovative and creative, thereby demonstrating your understanding of how the boundaries of knowledge are advanced through research and/or application. 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.

Guidance specific to this assessment:
Effective utilisation of appropriate materials, tools and techniques and the level of skill demonstrated in their application to the realisation process. There is an appreciation of what is required to conduct the simulations and/or keyframed animations with some degree of observational animation sensibilities and awareness. All work technically (e.g. via the Graph Editor or through animation controls in MAYA) have been handled very well – resulting in better levels of timing, editing, framing, etc.

5. **Transferable Skills for Life and Professional Practice** ***(Marks available: 20% of the module marks)***
Your work must provide evidence of the qualities and transferable skills necessary for postgraduate-level employment in circumstances requiring sound judgement, personal responsibility and initiative in complex and unpredictable professional environments. This includes demonstrating: the independent learning ability for continuing 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, projects and procedures, whether individually and/or collaboratively, to a professional level; that you can use appropriate media to effectively communicate information, arguments and analysis in a variety of forms for a variety of 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:
There is a clarity and effectiveness in the use of appropriate media to communicate the intended motion/emotion relevant to specialist and non-specialist audiences. The standard of the presentation is of a high standard, as shown in the production of these animations, arrangement, voice-over, video format and/or slides.

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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
1. Engagement with Literature Skills	20%	
2. Knowledge and Understanding Skills	20%	
3. Cognitive and Intellectual Skills	20%	
4. Practical Application Skills	20%	
5. Transferable Skills for Life and Professional Practice	20%	

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 (50% Max)		
	Over 1 week late (0%)		

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GENERIC ASSESSMENT CRITERIA

Level 7
In accordance with the Framework for Higher Education Qualifications, at the end of Level 7 students should be able to demonstrate: a systematic understanding of knowledge, and a critical awareness of current problems and/or new insights, much of which is at, or informed by, the forefront of their academic discipline or area of professional practice; a comprehensive understanding of techniques applicable to their own research or advanced scholarship; originality in the application of knowledge, together with a practical understanding of how established techniques of research and enquiry are used to create and interpret knowledge in the discipline; conceptual understanding that enables the student to evaluate critically current research and advanced scholarship in the discipline to evaluate methodologies and develop critiques of them and, where appropriate, to propose new hypotheses. They will be able to deal with complex issues both systematically and creatively, make sound judgements in the absence of complete data, and communicate their conclusions clearly to specialist and non-specialist audiences. They will demonstrate self-direction and originality in tackling and solving problems, and act autonomously in planning and implementing tasks at a professional or equivalent level to continue to advance their knowledge and understanding, and to develop new skills to a high level. They the qualities and transferable skills necessary for employment requiring the exercise of initiative and personal responsibility; decision-making in complex and unpredictable situations/professional environments; and the independent learning ability required for continuing professional development.

Level 7	FAIL	FAIL	MARGINAL FAIL	SATISFACTORY (Pass)	GOOD to VERY GOOD (Merit)	EXCELLENT (Distinction)	EXCEPTIONAL (Distinction)
Category	**0-29%**	**30-44%**	**45-49%**	**50-59%**	**60-69%**	**70-84%**	**85-100%**
Engagement with literature (including current research, 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 very limited range of 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.

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Category	**0-29%**	**30-44%**	**45-49%**	**50-59%**	**60-69%**	**70-84%**	**85-100%**
Knowledge and understanding (A systematic, conceptual understanding of knowledge, and a critical awareness of current problems and/or new insights, much of which is at, or informed by, the forefront of the discipline; a comprehensive understanding of techniques applicable to their own research)	Major gaps in knowledge and understanding of the subject matter is not systematic. Substantial inaccuracies. No awareness of current problems, insights or the latest research and/or advanced scholarship within the discipline.	Gaps in knowledge, with only superficial systematic understanding. Some significant inaccuracies and/or irrelevant material. No critical awareness of current problems, insights, or latest research within the discipline.	Limited knowledge and systematic understanding of the concepts and principles within the subject area, which to some marginal extent, is informed by current research and scholarship. Some critical awareness of current problems and/or new insights, but often under-developed.	Knowledge is accurate and reasonably detailed. A systematic understanding of the field of study informed by, to some extent, current research and scholarship, A critical awareness of current problems and/or new insights though this may be under-developed occasionally.	Knowledge has a well-defined focus, which is reasonably extensive, coherent and detailed, with a critical awareness of current problems and/or new insights. Exhibits good understanding of the breadth and depth of contemporary and established views, and the work is, at least in part, well-informed by current research and scholarship.	Excellent mastery of a complex and specialised area of knowledge. A systematic, excellent understanding of the concepts of the subject informed by current research and scholarship. Highly critical awareness of current problems and/or new insights. A critical, awareness of how the boundaries of knowledge are advanced through research.	Exceptional mastery of a complex and specialised area of knowledge. An exceptionally critical awareness of current problems and/or new insights. An outstanding understanding of the concepts of the subject, well-informed by current research and scholarship. A critical, sophisticated and nuanced awareness of how the boundaries of knowledge are advanced through research.
Cognitive and intellectual skills (Critical evaluation of current research and methodologies and develop critiques of them and, where	Wholly or almost wholly descriptive work. Little or no evaluation or critique or attempt at a systematic approach. Failure to develop	Largely descriptive work, with superficial use of critical evaluation of research and methodologies. Absent or weak development of hypotheses and judgements.	Limited attempt at critical evaluation/ critique of current research and methodologies, tending towards description. Limited attempt to propose new	Some critical evaluation/ critique of current research and methodologies, though slightly underdeveloped in places, Proposes adequate but	Sound critical evaluation/ critique of current research and methodologies, Proposes new hypotheses, where appropriate. Can deal with	Excellent critical evaluation/ critique of current research and methodologies, Proposes innovative hypotheses, where appropriate. Can	Exceptional critical evaluation/ critique of current research and methodologies, Proposes innovative hypotheses, where

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Category	**0-29%**	**30-44%**	**45-49%**	**50-59%**	**60-69%**	**70-84%**	**85-100%**
appropriate, to propose new hypotheses; make sound judgements in the absence of complete data.)	arguments, leading to illogical or invalid judgements. Unsubstantiated generalisations, made without use of credible evidence.	Information accepted uncritically, uses generalised statements made with scant evidence and unsubstantiated opinions. Ideas sometimes illogical and contradictory.	hypotheses. Can deal with complex issues but not systematically or creatively. Some evidence to support emerging judgements but these may be underdeveloped or with a little inconsistency / mis-interpretation. May assert rather than argue a case.	limited new hypotheses, where relevant. Can deal with complex issues but not fully systematically or creatively. Ability to make judgements based on data (that may be incomplete) but with some tendency to assert/state opinion rather than argue on the basis of reason and evidence.	complex issues systematically and with some creativity. Ability to make sound judgements based on data (that may be incomplete)	synthesise complex issues systematically and creatively. Ability to investigate contradictory or incomplete information and make strong, persuasive, arguments and sophisticated judgements.	appropriate. Exemplary systematic and creative synthesis of complex issues. Ability to investigate contradictory or incomplete information and make strong, persuasive, arguments and sophisticated, nuanced, judgements. Potential for journal publication or doctoral research.
Practical skills (Originality / creativity in the application of knowledge, tools and techniques and in tackling and solving problems in complex and unpredictable professional situations; practical use of established techniques of research and enquiry to create and interpret	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.	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	An awareness and mostly appropriate application of well-established methods, materials, tools and/or techniques, with occasional errors. Basic appreciation of the context of the application. Theoretical knowledge and	An 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	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	An advanced application of knowledge, methods, materials, tools and/or techniques. The context of the application is well considered, and insightful. Can identify complex problems and propose excellent solutions. An	Exceptional application skills in complex, unpredictable, contexts, drawing skilfully on the latest research within the discipline. Can identify complex problems and propose sophisticated, original solutions.

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Category	**0-29%**	**30-44%**	**45-49%**	**50-59%**	**60-69%**	**70-84%**	**85-100%**
knowledge in the discipline.)	Very weak problem-solving skills in complex and unpredictable contexts.	theory to practice, with only occasional evidence of making appropriate links between the two. Weak problem-solving skills in complex and unpredictable contexts.	understanding applied in practice, but not always making logical links between the two. Can identify problems and propose basic solutions without fully appreciating the complexity of unpredictable contexts.	practice, making appropriate links between the two. Can identify problems and propose mostly appropriate solutions in complex and unpredictable contexts, with elements of originality.	complex and unpredictable contexts. Evidence of originality and creativity.	excellent grasp of techniques applicable to own research or advanced scholarship. Shows originality in application of knowledge and techniques, and of how established techniques of enquiry create and interpret knowledge in the discipline.	An outstanding application of techniques applicable to own research or advanced scholarship. Shows originality in application of knowledge and techniques, and of how established techniques of enquiry create and interpret knowledge in the discipline with assimilation and development of cutting edge processes and techniques.
Transferable skills for life and professional practice (Exercise of self-direction, autonomy and personal responsibility; plan and implement tasks at a professional level; independent learning; use appropriate media to communicate	Communication medium is inappropriate or misapplied. Work is poorly structured, disorganised and/or confusingly expressed. Very weak use of language and/or very inappropriate style. Little or no evidence of	Communication medium is poorly designed and/or not suitable for the audience. Work is poorly presented in a disjointed manner. It is loosely, and at times incoherently, structured, with information and ideas often poorly	Can communicate in a suitable medium but with some room for improvement. Mostly ordered presentation and structure in which relevant ideas / concepts are reasonably expressed. Work may lack coherence in places. Can	Can communicate effectively in a suitable format, but may have minor errors. 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	Can communicate well, confidently and consistently in a suitable format. Work is coherent, fluent, well-structured and organised. Can work very well autonomously and/or as part of a team, with a good	Can communicate professionally confidently and consistently in a suitable format. Work is coherent, very fluent and is presented professionally. Can work autonomously with initiative. Where relevant can work	Can communicate with an exceptionally high level of professionalism. Work is remarkably coherent, very fluent and is presented professionally. Can work outstandingly well and professionally

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Category	**0-29%**	**30-44%**	**45-49%**	**50-59%**	**60-69%**	**70-84%**	**85-100%**
effectively and professionally to a variety of audiences; fluency of expression; systematic approach; clarity and effectiveness in presentation and organisation.)	autonomy (or collaboration, where relevant) in the completion of tasks. Little or no evidence of the skills required in professional, postgraduate employment.	expressed. Weak use of language and/or inappropriate style. Weak independent initiative (or collaboration, if relevant). Limited evidence of the skills required in professional, postgraduate employment.	work as part of a team, but with limited involvement in group activities. Demonstrates some but not all of the basic skills required in professional, postgraduate employment, with some areas of minor weakness.	a team, with clear contribution to group activities. Demonstrates the skills required in professional, postgraduate employment, with some areas of strength and some of minor weakness.	contribution to group activities. Demonstrates comprehensive professional, postgraduate employment skills.	professionally within a team, showing leadership skills as appropriate, managing conflict and meeting obligations. Demonstrates excellent professional, postgraduate employment skills and a strong appetite for further development.	within a team, showing advanced leadership skills. Demonstrates exemplary professional, postgraduate employment skills and a strong appetite for further development.

THIS DOCUMENT IS ALSO AVAILABLE IN WELSH

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