## University of Bath

# Miranda Armstrong Tom Reid

# Academic & Professional Communication Skills (APCS)

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- Series of lectures
- Key skills for academic & professional communication
- Y1 undergraduates
- Discipline specific

## Background & setting up

Why?

Language and skills gap

➤1<sup>st</sup> year student experience

➤ Employability

➤Widening participation

How?

University approval

Meeting the departments (Physics, Mechanical Engineering, Education: Sport & Social Sciences, School of Management: BBA)

➢ Funded by the English Language Centre (ELC) Who?

► APCS teaching team

# Preparing for input

Identifying students' needs

- Analysis of marked work
- Analysis of assessment criteria

#### **Assessment Criteria**

	1	Quality of Writing	Prese	ntation	Abs	stract and Introduction	Ex	perimental Details	Analysis and Discussion
<b>1</b> 80- 759		Negligible spelling, punctuation and grammatical errors Exemplary writing style; lively and articulate writing, showing excellent command of technical terminology and strong arguments Entirely succinct, clear and precise descriptions and explanations Excellent linkage of the text with figures, tables and equations	layout cohere structu Creativ design figures Perfect figures	ve use of well ed and relevant s and/or tables t formatting of s and/or tables, ons and		Excellent description of the experiment's aims & objectives, its context and any applications of the work Excellent description of the academic relevance of the experiment. Excellent description of physical background to the experiment, at a level exactly appropriate for the audience		Student achieved much more than would normally be expected Evidence of excellent experimental skills Excellent quality and quantity of results, presented clearly Evidence of creativity, innovation and initiative.	Insightful critical assessment, with an excellent discussion of the advantages and limitations of the techniques used Excellent analysis of the results, including insightful comparisons with relevant theoretical or experimental results Errors and uncertainties treated and discussed entirely rigorously and appropriately Clear, justifiable and complete conclusions.
729	6								
699		Very few spelling, punctuation and grammatical errors Good writing style Nearly all descriptions and explanations are succinct, clear and precise Text links well with figures, tables and	layout cohere structu Well du relevan tables	esigned and nt figures and/or		Good description of the experiment's aims & objectives, its context and any applications of the work Description – with good reference to the available academic literature in the experiment's		Student achieved more than would normally be expected Evidence of strong experimental skills Good quality and quantity of results, presented clearly	Strong critical assessment, with a very good discussion of the advantages and limitations of the techniques used Good analysis of the results, including comparisons with relevant theoretical or experimental results Good treatment and discussion of
65%	6	equations	figures	formatting of s and/or tables, ons and		field Good description of physical background to the experiment		Evidence of some creativity, innovation and initiative.	errors and uncertainties Clear, justifiable and complete conclusions
			referer	nces					
629	6								
59%		A few spelling, punctuation and grammatical errors Satisfactory writing style	and for cohere	ntation, layout rmatting; ent and logical		Satisfactory description of the experiment's aims & objectives, its context and any applications of the work		Student achieved as much as would normally be expected Evidence of good	Clear discussion of the advantages and limitations of the techniques used Adequate analysis of the results, including comparisons with relevant
		Most descriptions and explanations are succinct, clear and precise		ure ally well designed levant figures		Description – with satisfactory reference to available academic literature in the experiment's		experimental skills Satisfactory quality and quantity of results,	results Satisfactory treatment and discussion of errors and uncertainties
55%	° 🗖	Text mostly links well with figures, tables and equations	Adequa figures	r tables ate formatting of s and/or tables, ons and nces		field Adequate description of physical background to the experiment		presented clearly	Clear and justifiable conclusions
52%	6								

First Class

Upper Second Class

#### Sample Feedback

			Quality of Writing	Presentation	Abstract and Introduction	Experimental Details	Analysis and Discussion	
First Class	80+		Negligible spelling, punctuation and grammatical errors Exemplary writing style; lively and articulate writing, showing excellent command of technical	<ul> <li>Excellent presentation, layout and formatting; coherent and logical structure</li> <li>Creative use of well designed and relevant</li> </ul>	<ul> <li>Excellent description of the experiment's aims &amp; objectives, its context and any applications of the work</li> <li>Excellent description of the academic relevance of the</li> </ul>	<ul> <li>Student achieved much more than would</li> <li>normally be expected</li> <li>Evidence of excellent</li> <li>experimental skills</li> <li>Excellent quality and</li> </ul>	<ul> <li>Insightful critical assessment, with a excellent discussion of the advantages and limitations of the techniques used</li> <li>Excellent analysis of the results, including insightful comparisons with</li> </ul>	
	75%		terminology and strong arguments Entirely succinct, clear and precise descriptions and explanations Excellent linkage of the text with figures, tables and equations	figures and/or tables Perfect formatting of figures and/or tables, equations and references	<ul> <li>Excellent description of physical background to the experiment, at a level exactly appropriate for the audience</li> </ul>	<ul> <li>Excerning quantity of results, presented clearly</li> <li>Evidence of creativity, innovation and initiative.</li> </ul>	<ul> <li>relevant theoretical or experimental results</li> <li>Errors and uncertainties treated and discussed entirely rigorously and appropriately</li> <li>Clear, justifiable and complete</li> </ul>	
	72%						conclusions.	
lass	69%		Very few spelling, punctuation and grammatical errors Good writing style	Good presentation, layout and formatting; coherent and logical structure	Good description of the experiment's aims & objectives, its context and any applications of the work	Student achieved more than would normally be expected	Strong critical assessment, with a very good discussion of the advantages and limitations of the techniques used	
Upper Second Class	65%		Nearly all descriptions and explanations are succinct, clear and precise Text links well with figures, tables	Well designed and relevant figures and/or tables	<ul> <li>Description – with good reference to the available academic literature in the experiment's field</li> <li>Good description of physical</li> </ul>	<ul> <li>Evidence of strong experimental skills</li> <li>Good quality and quantity of results, presented clearly</li> </ul>	<ul> <li>Good analysis of the results, including comparisons with relevant theoretical or experimental results</li> <li>Good treatment and discussion of errors</li> </ul>	
Uppei	62%		and equations	figures and/or tables, equations and references	background to the experiment	Evidence of some creativity, innovation and initiative.	and uncertainties Clear, justifiable and complete conclusions	
Lower Second Class	59%		Satisfactory writing style Most descriptions and explanations are succinct, clear	Satisfactory presentation, layout and formatting; coherent and logical	Satisfactory description of the experiment's aims & objectives, its context and any applications of the work	Student achieved as much as would normally be expected	Clear discussion of the advantages and limitations of the techniques used	
	55%		and precise Text mostly links well with figures, tables and equations	Generally well designed and relevant figures and/or tables	Description – with satisfactory reference to available academic literature in the experiment's field	<ul> <li>Evidence of good experimental skills</li> <li>Satisfactory quality and quantity of results,</li> </ul>	<ul> <li>Adequate analysis of the results, including comparisons with relevant results</li> <li>Satisfactory treatment and</li> </ul>	
	52%	J	A few spelling, punctuation and grammatical errors	Adequate formatting of figures and/or tables, equations and references	Adequate description of physical background to the experiment	presented clearly	discussion of errors and uncertainties Clear and justifiable conclusions	

#### Sample Feedback

1		Quality of Writing	Presentation	Abstract and Introduction	Experimental Details	Analysis and Discussion
Third Class	49% 45% 42%	<ul> <li>Numerous misspellings, punctuation or grammatical errors</li> <li>Clumsy or inappropriate writing style, often lapsing into colloquialisms, inappropriate tense, mixture of writing styles</li> <li>Sloppy and confusing descriptions and explanations</li> <li>Text links poorly with figures, tables and equations</li> </ul>	<ul> <li>Passable presentation, layout and formatting; structure sometimes incoherent and confused</li> <li>Adequate figures and/or tables</li> <li>Formatting of figures and/or tables, equations and references sometimes incorrect or incomplete</li> </ul>	<ul> <li>Poor description of the experiment's aims &amp; objectives, its context and any applications of the work</li> <li>Description with poor reference to the available academic literature in the experiment's field</li> <li>Poor description of physical background to the experiment</li> </ul>	<ul> <li>Student has not achieved as much as would normally be expected</li> <li>Weak experimental skills</li> <li>Poor quality and quantity of results, or results presented poorly</li> </ul>	<ul> <li>Little or flawed discussion of the advantages and limitations of the techniques used</li> <li>Weak analysis of the results</li> <li>Treatment of errors and uncertainties weak or flawed</li> <li>Weak, unclear or unjustifiable conclusions</li> </ul>
Fail /Unclassified	39% 35% 32%	<ul> <li>Riddled with spelling, punctuation or grammatical errors</li> <li>Totally incoherent writing style</li> <li>Largely incomprehensible descriptions and explanations</li> <li>Very poor or missing linkage of the text with figures, tables and equations</li> </ul>	<ul> <li>Shoddy layout, presentation and formatting;</li> <li>incoherent structure</li> <li>Poor figures and/or tables</li> <li>Missing or incorrect formatting of figures and/or tables, equations and references</li> </ul>	<ul> <li>Very weak description of the experiment's aims &amp; objectives, its context and any applications of the work</li> <li>Very poor or missing description of the available academic literature in the experiment's field</li> <li>Very weak description of physical background to the experiment</li> </ul>	<ul> <li>Student achieved very little throughout experiment</li> <li>Very weak, experimental results.</li> <li>Very poor quality and quantity of results, or results presented very poorly</li> </ul>	<ul> <li>No discussion of the advantages and limitations of the techniques used</li> <li>Very weak analysis of the results</li> <li>Treatment of errors and uncertainties weak, flawed or missing</li> <li>Very weak or missing conclusions</li> </ul>
м	ark	Quality of Writing	Presentation	Abstract and Introduction	Experimental Details	Analysis and Discussion
(%)		15	15	15	25	30
Awarded		6	6	10.5	16.5	18

## Assessment Criteria

		Quality of Writing	Presentation
	49%	<ul> <li>Numerous misspellings, punctuation or grammatical errors</li> <li>Clumsy or inappropriate writing style, often</li> </ul>	<ul> <li>Passable presentation, layout and formatting; structure sometimes incoherent and confused</li> </ul>
Third Class	45%	lapsing into colloquialisms, inappropriate tense, mixture of writing styles	<ul> <li>Adequate figures and/or tables</li> <li>Formatting of figures and/or tables,</li> </ul>
Thi	42%	<ul> <li>Sloppy and confusing descriptions and explanations</li> <li>Text links poorly with figures, tables and equations</li> </ul>	equations and references sometimes incorrect or incomplete
ified	39%	<ul> <li>Riddled with spelling, punctuation or grammatical errors</li> <li>Totally incoherent writing style</li> </ul>	<ul> <li>Shoddy layout, presentation and formatting; incoherent structure</li> <li>Poor figures and/or tables</li> </ul>
Fail /Unclassified	35%	<ul> <li>Largely incomprehensible descriptions and explanations</li> </ul>	<ul> <li>Missing or incorrect formatting of figures and/or tables, equations and</li> </ul>
Fail /	32%	Very poor or missing linkage of the text with figures, tables and equations	references
Mark		Quality of Writing	Presentation
(%	%)	15	15
Awarded			

## **Tutor Comments**

Total report mark out of 100: 57 (lower second class)

#### **Further Comments**

A good report scientifically, somewhat let down by the writing. Your style is too chatty at times and the argument doesn't flow well through the report with figures dumped into the report without explanation of them in the text. Figs 3 and 4 are inappropriate as these are photographic rather than the form of schematic diagram used in reports (and they are also used without attribution of the source BTW). Also, avoid lists - write text. However, in terms of the experiment you did find the right facts and find them with sensibly quoted errors, as well as referring to your reading of literature in the field.



of your mark is for writing and presentation

## Input: delivery & format

	Student numbers	Venue	Timetabling	Other points
Physics	100	100-seater lecture theatre	4 x 2 hours, from week 1	2 lecturers
Mechanical Engineering	200	386-seater lecture theatre	7 x 1 hour, from week 3	• 1 lecturer
Management: BBA	160	170-seater lecture theatre	7 x 1 hour, from week 3	• 1 lecturer
Education: Sport & Social Sciences	70	112-seater lecture theatre	5 x 2 hours, from week 3	<ul><li> 2 lecturers</li><li> DoS attended</li></ul>

## Input: content

- How to organise assignments
  - Lab reports
  - Essays
  - Data Analysis Reports
- How to write accurately, including:
  - Incorporating sources
  - Style
  - Punctuation
  - Easily confused words
- How to write appropriate emails to tutors

## Input: materials

- Powerpoint slides
- Fun video clips, visuals, cartoons
- Interactive activities: Audience Response System (ARS), quizzes, tasks, visualiser
- 2 booklets:
  - -task booklet
  - reference booklet
- Virtual Learning Environment (Moodle)

**Essay Question:** 

Why is a critical approach to understanding Organisational Behaviour needed? Discuss using examples.

There are various paradoxes in today's working environment. Managers must have the right balance between priorities including the importance of innovation and elimination of errors, cost saving redundancies versus improved team morale and planning for the future whilst creating short term results that please the shareholders. As a result of these potentially conflicting demands, many turn to the field of Organisational Behaviour for a so called 'quick-fix' to their problems. This paper will discuss the need for a critical approach to understanding Organisational Behaviour and how the knowledge gathered from the analysis can be applied to different situations. For a critical approach, assumptions must be questioned in order to truly understand the benefit or negative effects that management decisions can have on both employee behaviour and the organisation itself.

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Why is a critical approach to understanding Organisational Behaviour needed? Discuss using examples.

Attention grabbing statement + scene setting

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More Scene – setting + Intro to focus idea

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Thesis statement

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Thesis statement

Abstract. This experiment is about the use of Too wordy. electron spin resonance to determine the characteristics of a passive oscillator circuit and a DPPH sample. This is a method designed to Too wordy. investigate chemical compounds that has one or Grammar. more unpaired electrons. When placing the sample Spelling. in a magnetic field its free electrons will aline Grammar. itself either parallel or anti-parallel to the magnetic field. By firing electromagnetic waves at these Passive needed. Inappropriate word electrons one can hope to excite these from a choice. negative spin to a positive spin. Through this method one can determine the so called g-factor of the Passive needed. compound (describes how close the unpaired Unclear wording. electron behaves as a free electron). Through this experiment we determined the g-factor of the DPPH Passive needed. sample as  $1.85\pm0.06$ . This is a bit off the actual Inappropriate tone. value of 2.0036, but taken into account other errors Grammar. and uncertainties encountered one can say that this Passive needed. is a valid result.

## What's wrong with this e-mail?

Compose: (no subject)						
<u>F</u> ile <u>E</u> dit <u>V</u> iew O <u>p</u> tions <u>T</u> ools <u>H</u> elp	$\langle \rangle$					
Send Contacts Spell Attach Security Save						
From: foxylady@talktalk.net	•					
To: E j.singleton@bath.ac.uk						
Subject: face to face meet?						
Heya Jane i was told ur my personal tutor a few weeks ago. cuz at that time I was trapped in the preparation of a series of exams, I couldn't contact you before now. So today im emailing u to open up our connection. Im really in need of your help with my essays. looking forward to the advise from u or maybe we can have a face to face meet asap? Hannah x						
	57					

🕞 Compose: (no subject)	x					
<u>File Edit View Options Tools H</u> elp	$\langle \rangle$					
Send Contacts Spell Attach Security Save						
From: j.singleton@bath.ac.uk	•					
To: 🔳						
<u>S</u> ubject:						
Dear Hannah						
As a student at an illustrious institution such as Bath, where the quality of our degrees is recognised worldwide, you will realise that we have high expectations of our students, particularly in their ability to communicate in an effective and						

professional manner. I would be grateful if you could resend your message in a standard of English commensurate with your undoubted abilities.

Many thanks.

# Evaluation

- English Language Centre:
  - Intensive work
  - Skills development
  - Closer contacts with academic departments
  - -Higher profile
- Departments:
   Very positive
- Students:
   Very mixed

# Student Feedback

- 1. Fun 'extras'
- 2. Friendly lecturers & engaging lecture style
- 3. Lab report structure
- 4. Assignment requirements
- 5. Analysis of student writing



- 1. "Too slow and too long" (2 hour lectures)
- 2. Anything perceived as 'too easy or 'condescending'
- 3. Anything perceived as 'grammar'
- 4. Anything perceived as not directly relevant

## Lessons Learned

- Group size & venue:
  - Maximum 100 students, in small lecture theatres
- Timetabling:
  - 1 hour
  - Fitting with assignment deadlines
- Content:
  - Closely linked to assignment requirements
  - Balancing language and skills
- Delivery:
  - Balancing motivational 'extras' with relevant content
  - Importance of pair work and group work
  - Benefit of 2 lecturers

## Lessons Learned

- Perceptions
  - 'Labels'
  - Importance of writing
  - Needs
  - Endorsement by departments
    - Integral part of a study skills unit
    - Assessment