

Certificate in Advanced Veterinary Practice

C-POU.1 Poultry Husbandry and Management

Module Outline



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GUIDANCE FOR THIS MODULE

This module can be taken as a free-standing module, or as part of the Certificate in Advanced Veterinary Practice.

Candidates working towards the designated Certificate in Advanced Veterinary Practice (Poultry) will need to complete A-PKS.1 Professional Key Skills module, B-CKS.0 Clinical Key Skills, B-PAP.2 Production Animal Practice and the three C-POU modules. Upon completion of all the necessary modules, a further synoptic assessment will also be required.

LEARNING OBJECTIVES

Candidates should have a sound grounding in the areas of practice listed below. They also need to develop the skills needed to create case studies that demonstrate the following competencies:

- The written communication skills required to present case studies:
- An ability to demonstrate their competence in observation, data collection, analysis, reasoning, decision-making and advice delivery in the area under discussion
- Reflective skills that enable them to understand the issues raised by the case and their practice more generally, what they learnt from it.

At the end of the module, candidates should be able to demonstrate:

- A knowledge of the structure and size of the poultry industry both in the UK and globally.
- A thorough understanding of poultry welfare and the different husbandry and management methods in common use throughout the UK poultry industry including:
 - recognition of the differences in husbandry and management provision for the different species and poultry types within a species

- an understanding of management as applied to breeders, culinary egg producers and growers, and the different management systems for rearing and reproductive/egg laying phases.
 - a sound knowledge of ventilation, temperature, humidity and other environmental control as required under the various circumstances.
 - a knowledge of methods and equipment used for feeding and watering.
 - an understanding of lighting programmes as applied at different times and the reasons for this.
 - a knowledge of the expected performances in terms of egg production, hatchability, growth rates and feed efficiencies in the different poultry sectors.
- An understanding of poultry nutrition, and an understanding of the basic requirements for each type of poultry and how these are achieved.
 - A knowledge of records to be kept and the value of keeping these. This to include the kind of equipment required to facilitate this record keeping.
 - A working knowledge of the assurance schemes and codes of practice for the management of poultry in the UK

LEARNING TOPICS

This module covers husbandry, welfare and management for broiler chickens, layer chickens, and breeder chickens.

All aspects of management and welfare in all common production systems, including free range and organic

- Ventilation
- Feeding
- Water

- Rearing, egg layers, breeders and growers
- Biosecurity and traceability
- Nutrition and poultry feed production
- Lighting and lighting programs
- Assurance schemes and codes of practice for standard, free range and organic production schemes

ASSESSMENT

- 1) A **learning diary**, which documents the candidate's experiences over the period that the module is being completed. This will emphasise those points which have particularly interested or intrigued the candidate. The diary will distinguish between visits made and examples from reading or discussion with others. Photographic examples will be included. A list of learning resources used to contribute to the learning diary should be included.

A combined learning diary between C-POU.1 and C-POU.2 may be used if both modules are taken together, with approximately half of the entries relating to each module. Clear indications must be made as to which entries relate to which module, although it is recognised that these divisions are to a certain extent artificial, and candidates will gain credit for linking the themes in their notes alongside cases.

- 2) A case book of **five examples** from the learning diary where husbandry or management of a poultry flock or flocks has contributed to health/ welfare or production concerns. The candidate should have managed or have had a significant involvement in all of the cases. These cases may be presented in summarised or note form of **up to 1000 words each** and should include broiler, breeder, and layer examples.
- 3) A **1,000 - 1,500 word reflective synopsis** justifying the candidate's choice of cases and reflecting upon the candidate's learning during the module. This might include what has changed in their approach to a case, any new procedures or investigations that are now considered, any additional reading which was helpful, and/or any unexpected features of a case which will influence decision making in the future. This essay should only be submitted after all case reports/essays are assessed and returned to the candidate as it is possible that the assessor feedback from the case reports/essays may contribute to the candidate's learning through the module.

Any material presented for this module may be incorporated into the synoptic assessment required for the final certificate.

ANNUAL ASSESSMENT TIMETABLE

1st February	If you are intending to submit work for assessment on the following dates, please inform CertAVP Admin Manager by this date
1st March	Learning diary/case book Synopsis (only to be submitted once the case book has been assessed)
1st September	Learning diary/case book Synopsis (only to be submitted once the case book has been assessed)

You may submit as many assessments as you have completed by these dates and results should be available within 8 weeks.

INSTRUCTIONS FOR SUBMITTING CASE REPORTS / REFLECTIVE SYNOPSIS / LEARNING DIARIES

The case report should be written in the third person in a style suitable for publication in a Journal (for example Avian Pathology).

The following frame work should be used as a guide to the structure of the case report:

- Unit / Farm description (size, type, company or independent, etc.)
- History (disease, medications, vaccines, monitoring programme)
- Clinical Picture/ flock records etc.
- Investigation
- Diagnosis
- Treatment/ disease control (short. Medium and long term)
- Other implications (e.g. zoonosis, local, wider)
- Discussion
- References

INSTRUCTIONS FOR SUBMITTING CASE REPORTS / REFLECTIVE SYNOPSIS / LEARNING DIARIES

Please ensure that at the beginning of your case book/synopsis is included:

- Your candidate number (to be given to you by the CertAVP office)
- Module name
- Case book/synopsis title
- Word count (excluding the above, tables, photo titles and references)

Please remove your name from any laboratory reports or other documents which are included in your submission to ensure anonymity.

Please submit your case book/synopsis as a

- MS Word document (97-2003 format or later)*

(Please ensure digital images are submitted in a **compressed** format so that they can be easily transferred via e-mail)

and your learning diary as a

- MS Excel spreadsheet (97-2003 format or later)*

attached to an e-mail and send it to: certavp@rvc.ac.uk

The preferred way of naming your file is module code, your name, and the type of work you are submitting, for example, **C-POU.1 Candidate 6 - Case Diary.xls** or **C-POU.1 Candidate 6 - Case Book 1.doc**.

* Please note that as case books / synopses / case diaries in alternative formats have been unreadable in MS Word, any other format will be sent back to the candidate.

RECOMMENDED READING LIST

Health and Disease

Poultry Diseases Sixth Edition (2008) eds. Pattison, McMullin, Bradbury and Alexander

Disease of Poultry 12 edition (2011). Ed. Saif

Diseases Of Poultry A Colour Atlas 2nd Edition Author: Ivan Dinev

Color atlas of diseases of the domestic fowl & turkey (1985) C. J. Randall

Diseases and Disorders of the Domestic Fowl and Turkey(1991) C. J. Randall

Nutrition

Nutritional and Digestive Disorders of Poultry (2006) eds Simon M. Shane, Lucy A. Tucker

Nutrition of Chicken 4th edition eds. Leeson and Summers

Hatcheries and incubation

ROSS TECH Investigating Hatchery Practice October 2009

Avian Incubation (Poultry Science Symposium Series) [Hardcover] 1991 S. G. Tullett

<http://www.howtoincubate.com>

<http://www.natureform.com>

Poultry slaughter and processing

Poultry Meat Processing By Alan R. Sams - CRC Press (2009)

Handbook of Poultry Science and Technology : Primary Processing , Volume 1 Isabel Guerrero–
Legarreta (editor) Wiley-Blackwell (2010)

Management Guides

Aviagen - Breeder and Broiler Manuals and Technical notes available online

Cobb - Breeder and Broiler Manuals and Technical notes available online

Hyline – Layer Manuals and Technical notes available online

Hendrix Poultry - Layer Manuals and Technical notes available online

Hubbard - Breeder and Broiler Manuals and Technical notes available online

Lohmann - Layer Manuals and Technical notes available online

Codes of Practice

DEFRA Codes of Practice for Welfare

Assured Chicken Production

Code of Practice for Lion Eggs - The British Egg Industry Council

RSPCA Welfare Standards for Laying Hens

Poultry Science Symposium Series Volumes 1-30.

Volumes 1-24 published and may be available from Carfax Publishing Company. Volumes 25 on are published by CAB International (CABI).

Journals – which also contain some good review articles

Avian Pathology

Poultry Disease

Marking Regulations

1. Course:	RCVS – Certificate of Advanced Veterinary Practice
2. Section:	C Module Poultry Husbandry and Management (C-POU.1)
3. Applicable to Academic Year:	2012/13 onwards
4. Aspects of course covered by Examination:	All areas studied during the module
5. Requirement to be completed to permit entry to the examination:	<ol style="list-style-type: none"> 1. Appropriate enrolment to the C module. 2. Candidates are advised that they should achieve a pass grade in the Module B-PAP.1
6. Form of Examination:	<ol style="list-style-type: none"> i) a learning diary/case log ii) a casebook of five cases (1,000 words each), iii) a reflective synopsis (1,000 - 1,500 words) justifying the candidate's choice of cases and reflecting upon the candidate's learning during the module
7. Marking Criteria:	<ol style="list-style-type: none"> 1. Case book, synopsis - The RVC common 17 point marking scheme applied at the post graduate (Masters) level. 2. Learning diary/case log - approval of appropriate timeline and content as described in course literature
8. Allocation of Marks and any additional requirements	Each case report or essay is equally weighted
9. Requirements to Pass Overall and Progress to the Next Stage	<p>Work must be submitted and assessed within the 10 year registration period, or if enrolled after 1st July 2010, within the 2 year registration period.</p> <p>First Submission Approval of the learning diary 50% or greater in the grading of the reflective synopsis 50% or greater in the grading of the case book</p> <p>Re-submission Sections graded below 50% in the first submission are re-graded on re-submission and the following criteria must be reached taking that new grading into account: Approval of the learning diary 50% or greater in the grading of the reflective synopsis</p>

50% or greater in the grading of the case book	
10. Consequences of Failure	<p>1. A candidate who fails at their first submission will be required to re-submit or re-sit the sections they have failed in the next or a future assessment cycle, or withdraw from the Certificate.</p> <p>2. A candidate who does not meet the requirements to pass overall after taking all the allowed opportunities to resubmit their work will normally be required to relinquish the course of study but s/he will have the right of appeal as described in the College Regulations.</p> <p>3. Should a candidate successfully appeal to be re-admitted to the Certificate they would normally have to repeat the entire module with new case material and would incur a further assessment fee.</p>
11. Classification	<p>The examination is only classified as a Pass or a Fail. Candidates that pass the examination will be allocated 10 credits in the CertAVP structure and the RCVS will be appropriately informed.</p>
12. Disclosure of Marks	<p>Candidates will be advised of their marks by email and they can request a letter confirmation</p>
13. Late submission of work	<p>Work that is submitted after the deadline cannot be accepted for grading in that cycle. Work may stay on file for grading at the next submission date or the candidate may re-submit before that date</p>