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| Module Title: | Introduction to animal production |
| Language of Instruction: | English |
| Credits: | 5 |
| NFQ Level: | 6 |
| Module Delivered In | No Programmes |
| Teaching & Learning Strategies: | Formal lectures will be complemented by practical field sessions that will allow for a balance of theory and hands on learning activities. Classroom activities will focus on the main animal enterprises in Irish agriculture including the challenges faced by the sector. Visiting lecturers will be used where appropriate to enhance the learning experience of the students and expose them to new concepts in animal production. Students will learn the hands on management aspects (e.g. BCS) of animal production through farm based practical sessions. |
| Module Aim: | This module aims to introduce students to animal production in Ireland and the various challenges faced by the sector. Students will learn about the management principles that apply to animal production at farm level that improve the overall sustainability of the sector. |

| Learning Outcomes | |
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| <i>On successful completion of this module the learner should be able to:</i> | |
| LO1 | Demonstrate key skills that apply to animal production e.g. body condition scoring, locomotion scoring etc. |
| LO2 | Understand animal breeds that are suitable to Irish production systems |
| LO3 | Be capable of discussing sustainability as it applies to animal production systems |
| LO4 | Demonstrate a knowledge of the importance of ruminant animal production in Ireland |

| Pre-requisite learning | |
|--|--|
| Module Recommendations <i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i> | |
| No recommendations listed | |
| Incompatible Modules <i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i> | |
| No incompatible modules listed | |
| Co-requisite Modules | |
| No Co-requisite modules listed | |
| Requirements <i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i> | |
| No requirements listed | |

Module Content & Assessment

| Indicative Content |
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| Cattle production Students will learn about the practical aspects of managing a herd of beef cattle |
| Dairy production Students will learn about some of the practical management aspects of dairy production |
| Sheep production Students will learn about the practical aspect of sheep production |
| Animal health Concepts of health management will be discussed including the development of a farm health plan and strategies for reducing antibiotic use |

| Assessment Breakdown | % |
|----------------------------------|--------|
| Continuous Assessment | 10.00% |
| Project | 20.00% |
| Practical | 20.00% |
| End of Module Formal Examination | 50.00% |

| Continuous Assessment | | | | |
|---------------------------|--|-------------------|------------|-----------------|
| Assessment Type | Assessment Description | Outcome addressed | % of total | Assessment Date |
| Multiple Choice Questions | Students will complete a MCQ to demonstrate knowledge in content delivered in lectures | 2 | 5.00 | n/a |
| Multiple Choice Questions | Students will complete a MCQ to demonstrate knowledge in content delivered in lectures | 3 | 5.00 | n/a |

| Project | | | | |
|-----------------|---|-------------------|------------|-----------------|
| Assessment Type | Assessment Description | Outcome addressed | % of total | Assessment Date |
| Project | Students will compile a review of a specific aspect of animal production in Ireland | 1,2,3,4 | 20.00 | n/a |

| Practical | | | | |
|-----------------------------|---|-------------------|------------|-----------------|
| Assessment Type | Assessment Description | Outcome addressed | % of total | Assessment Date |
| Practical/Skills Evaluation | Student will submit reports on field studies completed throughout the period. | 1,2 | 20.00 | n/a |

| End of Module Formal Examination | | | | |
|----------------------------------|---|-------------------|------------|-----------------|
| Assessment Type | Assessment Description | Outcome addressed | % of total | Assessment Date |
| Formal Exam | An end of year exam will take place covering aspects of animal production delivered during the term | 1,2,3,4 | 50.00 | End-of-Semester |

SETU Carlow Campus reserves the right to alter the nature and timings of assessment

Module Workload

| Workload: Full Time | | |
|----------------------------|------------------|--|
| <i>Workload Type</i> | <i>Frequency</i> | <i>Average Weekly Learner Workload</i> |
| Lecture | Every Week | 0.75 |
| Practicals | Every Week | 0.75 |
| Independent Learning | Every Week | 1.50 |
| Total Hours | | 3.00 |

