

**College of Food and Agricultural Sciences  
Department of Animal Production  
King Saud University**

**A). Direct assessment of knowledge learning outcome**

**Goal**

Prepare national staff scientifically qualified and practically trained in the various branches of animal production (Animal Breeding, physiology, nutrition, health and biotechnology) to meet the current and futures needs of the country in that specialty.

**a. Learning Outcomes**

**1.0 Knowledge:**

**1.1. To define the fundamentals of each aspect in animal production (such as nutrition, diseases, physiology etc.).**

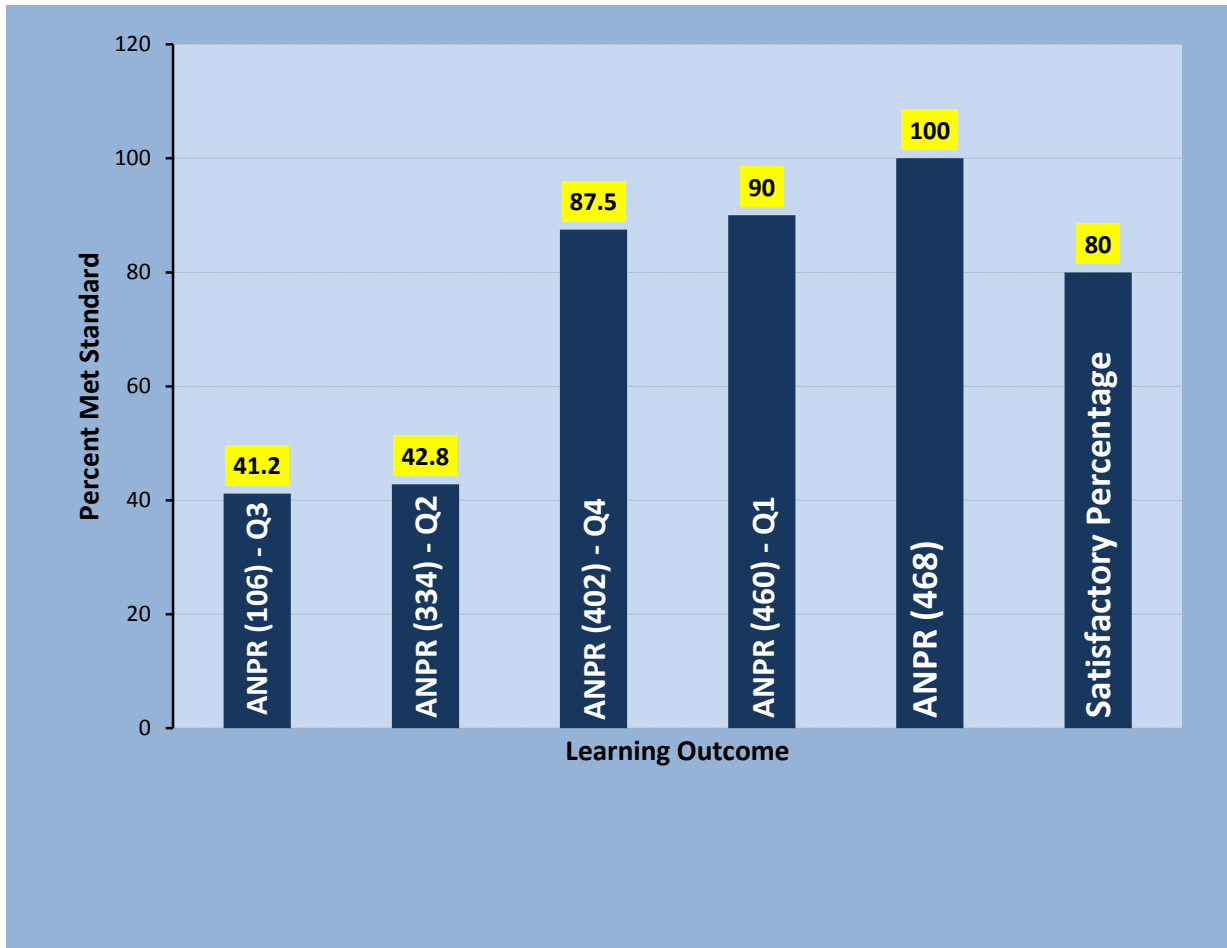
**Assessment tools:**

Direct assessment through an embedded exams questions and reports (ANPR 106-Q3; ANPR 334-Q2; ANPR 402- Q1; ANPR 460- Q1; ANPR 468- Report).

**Satisfactory performance:**

Satisfactory performance is 80% of enrolled students achieved >70% in specific questions, embedded in examinations, or reports.

**Outcomes Analysis:**



**Performance Follow up:**

Follow up is required by the head of the department and the Departmental accreditation Steering Committee to improve the learning outcomes of the courses the not reached the satisfactory performance.

## **b. Learning Outcomes**

### **1.0 Knowledge:**

**1.4 List the basics and the applications of animal science and production in farm animals.**

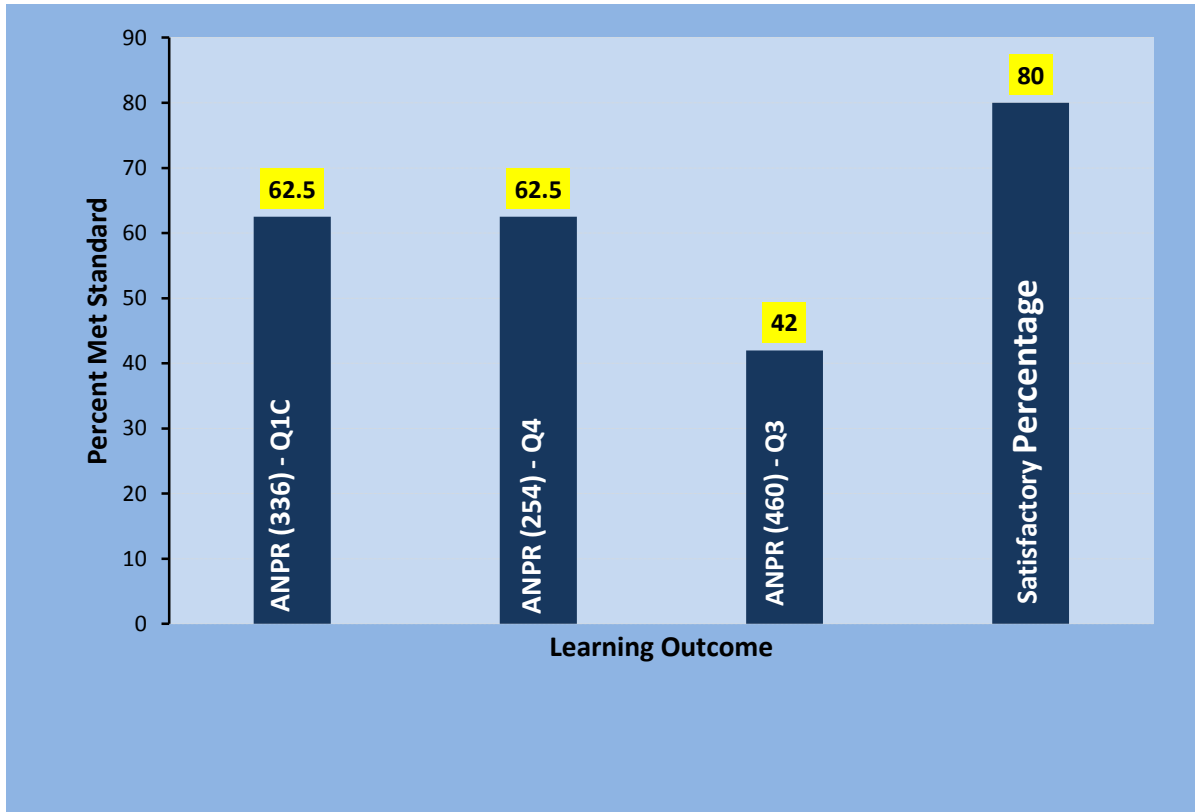
### **Assessment tools:**

**Direct assessment through embedded exams application questions (ANPR 336- Q1c; ANPR 254-Q4; ANPR 460- Q3).**

### **Satisfactory performance:**

**Satisfactory performance is 80% of enrolled students achieved >70% in specific questions, embedded in examinations.**

**Outcomes Analysis:**



**Performance Follow up:**

Follow up is required by the head of the department and the Departmental accreditation Steering Committee to improve the learning outcomes of the courses that not reached the satisfactory performance

## **B). Direct assessment of Communication, Information Technology and Numerical learning outcome**

### **Goal**

Prepare national staff scientifically qualified and practically trained in the various branches of animal production (Animal Breeding, physiology, nutrition, health and biotechnology) to meet the current and futures needs of the country in that specialty.

### **Learning Outcomes**

#### **4.0 Communication, Information Technology and Numerical**

**4.2 Appraise the ability to gather, analyze, interpret data, write and discuss report.**

### **Assessment tools:**

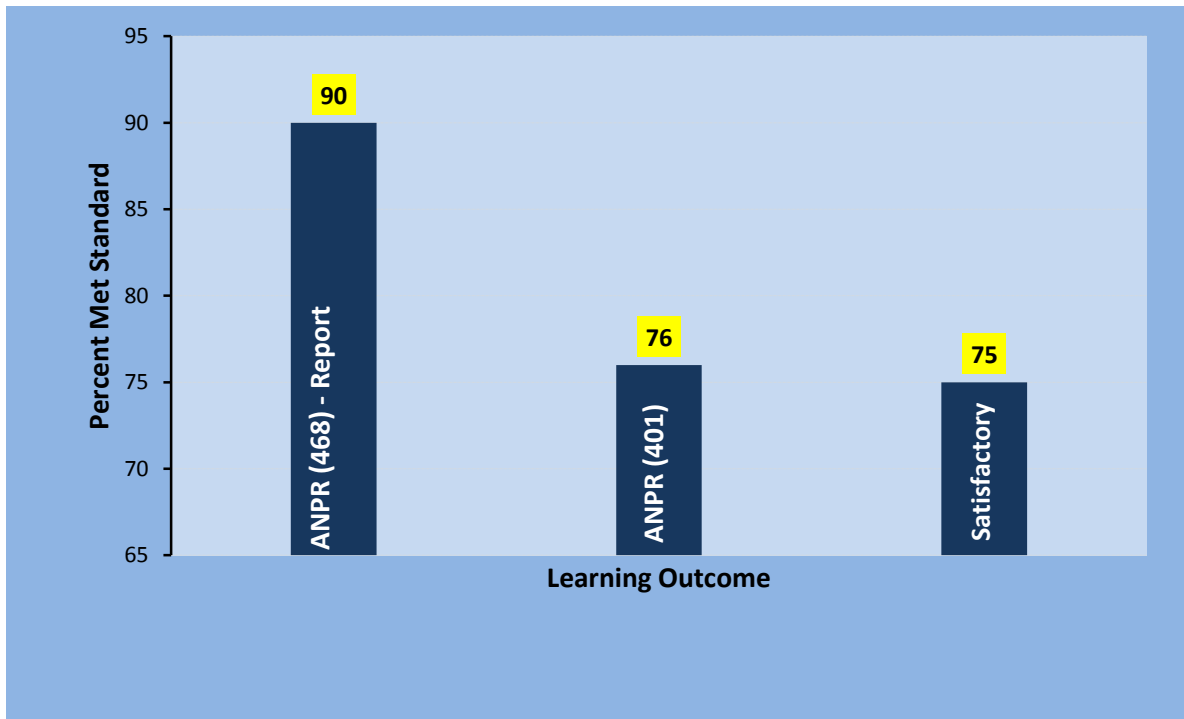
Direct assessment through an embedded evaluation questions into Rubric assessment and report for ANPR 468 (Grading student sheet for field Experiences, Essay and Oral presentation) and ANPR 401 (Report scoring results).

### **Satisfactory performance:**

Satisfactory performance is 75% of enrolled students achieved >76% in specific questions, embedded in examinations, or reports.

**Outcomes Analysis:**

<b>1</b>	<b>ANPR (401) - Report</b>	<b>90</b>
<b>2</b>	<b>ANPR (468) - Report</b>	<b>76</b>
<b>3</b>	<b>Satisfactory %</b>	<b>75</b>



**Performance Follow up:**

Follow up is required by the head of the department and the Departmental accreditation Steering Committee to keep maintain and ensure sustainability and improvement of the learning outcomes of those two courses in order to keep their LO at the resulted satisfactory performance level.

