

**ATTACHMENT 2 (g)**

**Course Report**

**Kingdom of Saudi Arabia**

**The National Commission for Academic Accreditation & Assessment**

**COURSE REPORT  
(CR)**

A separate Course Report (CR) should be submitted for every course and for each section or campus location where the course is taught, even if the course is taught by the same person. Each CR is to be completed by the course instructor at the end of each course and given to the program coordinator

A combined, comprehensive CR should be prepared by the course coordinator and the separate location reports are to be attached.

### Course Report

For guidance on the completion of this template refer to the NCAAAA handbooks or the NCAAAA Accreditation System help buttons.

|  |   |
|--|---|
| Institution : King Saud University   | Date of Course Report<br>15/3/1436 6/1/2015 |
| College/ Department<br>Faculty of Food and Agricultural Sciences, Plant Production Department. |   |

#### A. Course Identification and General Information

|  |         |          |            |           |                 |       |
|--|---------|----------|------------|-----------|-----------------|-------|
| 1. Course title : Nurseries and Methods of Plant Propagation Code # 205 PPS (1+1= 2 hrs) Section # 44654                                 |         |          |            |           |                 |       |
| 2. Name of course instructor Prof. Fahed A. Almana and Dr. Rashid S. Alobeed<br>Location Main campus, Plant Production Dept. Rm # 2A 153 |         |          |            |           |                 |       |
| 3. Year and semester to which this report applies.<br>First semester 1435/1436 H   |         |          |            |           |                 |       |
| 4. Number of students starting the course? <input type="text" value="2"/> Students completing the course? <input type="text" value="2"/> |         |          |            |           |                 |       |
| 5. Course components (actual total contact hours and credits per semester):  |         |          |            |           |                 |       |
|  | Lecture | Tutorial | Laboratory | Practical | Other:<br>Exams | Total |
| Contact Hours  | 12      |          |            | 12        | 4               | 28    |
| Credit   | 1       |          |            | 1         |                 | 2     |

#### B. - Course Delivery

|  |                       |                      |  |
|--|-----------------------|----------------------|--|
| 1. Coverage of Planned Program   |                       |                      |  |
| Topics Covered   | Planned Contact Hours | Actual Contact Hours | Reason for Variations if there is a difference of more than 25% of the hours planned |
| Nursery importance – Principals of plant propagation. Main methods of plant propagation - Nursery types  | 2                     | 2                    | None   |
| Aims and purposes of nursery establishment - Main steps for nursery establishment - Nursery structures and components.   | 2                     | 2                    | None   |
| Kinds of greenhouses (Glass, plastic, wood, cloth, wire, mobile houses). Propagation units used for producing plants in nurseries, other buildings in the nurseries. | 4                     | 4                    | None   |

|   |   |   |      |
|---|---|---|------|
| Means of greenhouse conditioning (heating, cooling, airing). Micro climate factors in the greenhouse.<br>Field trip to the university nursery and college greenhouses.  | 4 | 4 | None |
| Soils and media mixes used in nurseries-<br>The suitable medium used for nursery production.  | 2 | 2 | None |
| Varies containers used in the nursery.  | 2 | 2 | None |
| First Field Trip<br>- First mid – term exam.  | 2 | 2 | None |
| Plant propagation methods (sexual and vegetative propagation).<br>Seed propagation, seed collection, seed storage, seed viability.  | 2 | 2 | None |
| Seed germination, environmental factors affecting seed germination. Seed Dormancy – Seed treatments for breaking dormancy.  | 2 | 2 | None |
| Vegetative propagation :cuttings, budding, grafting, layering , off-shoots, suckers, under-ground plant parts (bulbs, corms, stem and root tubers, rhizomes, stolons and runners), separation, division – Types of propagation by cuttings – Hormones encouraging root initiation and growth. | 2 | 2 | None |
| Types of propagation by budding and grafting - Types of propagation by layering- Propagation by some underground plant parts. Propagation by separation and division.   | 2 | 2 | None |
| Second Field Trip<br>Second mid – term exam   | 2 |   | None |

## 2. Consequences of Non Coverage of Topics

For any topics where the topic was not taught or practically delivered, comment on how significant you believe the lack of coverage is for the course learning outcomes or for later courses in the program. Suggest possible compensating action.

| Topics (if any) not Fully Covered | Effected Learning Outcomes | Possible Compensating Action |
|-----------------------------------|----------------------------|------------------------------|
| None                              | None                       | None                         |

### 3. Course learning outcome assessment.

|   | List course learning outcomes  | List methods of assessment         | Summary analysis of assessment results                  |
|---|--|------------------------------------|---|
| 1 | To know information about nursery management and culture.                                      | Class participation and discussion | Active participation and class discussion.              |
| 2 | To understand the new methods of plant propagation.  | Field trip report papers           | Good performance and report summary of the field trips. |
| 3 | To be familiar with the advanced technology in the area of nursery production and propagation. | Theoretical two mid-terms exams    | Good results.   |
| 4 | Ability to think and understand critically and analytically.                                   | Practical two mid-terms exams      | Very good results.                                      |
| 5 | Ability to understand and be familiar with new methods and techniques.                         | Final examination                  | Very good results.                                      |
| 6 | Ability to work with different materials and tools.  |                                    |   |
| 7 | Students can participate in class discussion and think critically.                             |                                    |   |
| 8 | Students can act responsibly and ethically in carrying out their tasks.                        |                                    |   |

Summarize any actions you recommend for improving teaching strategies as a result of evaluations in table 3 above.

None

#### 4. Effectiveness of Planned Teaching Strategies for Intended Learning Outcomes set out in the Course Specification. (Refer to planned teaching strategies in Course Specification and description of Domains of Learning Outcomes in the National Qualifications Framework)

| List Teaching Methods set out in Course Specification | Were these Effective? |     | Difficulties Experienced (if any) in Using the Strategy and Suggested Action to Deal with Those Difficulties. |
|---|-----------------------|-----|---|
|   | No                    | Yes |   |
| Lectures  |                       | √   | None  |
| Class discussion                                      |                       | √   | None  |

|                      |  |   |      |
|----------------------|--|---|------|
| Practical classes    |  | √ | None |
| Field trips          |  | √ | None |
| Report presentations |  | √ | None |

**Note:** In order to analyze the assessment of student achievement for each course learning outcome, student performance results can be measured and assessed using a KPI, a rubric, or some grading system that aligns student work, exam scores, or other demonstration of successful learning.

### C. Results

#### 1. Distribution of Grades

| Letter Grade | Number of Students | Student Percentage | Explanation of Distribution of Grades |
|--------------|--------------------|--------------------|---------------------------------------|
| A            | 0                  | 0.0%               |                                       |
| B            | 1                  | 50.0%              |                                       |
| C            | 0                  | 0.0%               |                                       |
| D            | 0                  | 0.0%               |                                       |
| F            | 1                  | 50.0%              |                                       |
| Denied Entry |                    | 0.0%               |                                       |
| In Progress  |                    | 0.0%               |                                       |
| Incomplete   |                    | 0.0%               |                                       |
| Pass         |                    | 50.0%              |                                       |
| Fail         |                    | 50.0%              |                                       |
| Withdrawn    |                    | 0.0%               |                                       |

#### 2. Analyze special factors (if any) affecting the results

None

| 3. Variations from planned student assessment processes (if any) (see Course Specifications).<br>None |        |
|---|--------|
| a. Variations (if any) from planned assessment schedule (see Course Specification)                    |        |
| Variation   | Reason |
|   |        |
|   |        |
|   |        |

| b. Variations (if any) from planned assessment processes in Domains of Learning (see Course Specification) |        |
|--|--------|
| Variation  | Reason |
|  |        |
|  |        |
|  |        |

| 4. Student Grade Achievement Verification (eg. cross-check of grade validity by independent evaluator).<br>None |            |
|---|------------|
| Method(s) of Verification   | Conclusion |
|   |            |
|   |            |

#### D. Resources and Facilities

|   |   |
|---|---|
| 1. Difficulties in access to resources or facilities (if any)<br>None | 2. Consequences of any difficulties experienced for student learning in the course.<br>None |
|---|---|

#### E. Administrative Issues

|   |   |
|---|---|
| 1. Organizational or administrative difficulties encountered (if any)<br>None | 2. Consequences of any difficulties experienced for student learning in the course.<br>None |
|---|---|

#### F. Course Evaluation

|   |  |
|---|--|
| 1. Student evaluation of the course (Attach survey results report)  |  |
| a. List the most important recommendations for improvement and strengths                                      |  |
| b. Response of instructor or course team to this evaluation   |  |
| 2. Other Evaluation (e.g. by head of department, peer observations, accreditation review, other stakeholders) |  |
| a. List the most important recommendations for improvement and strengths                                      |  |
| b. Response of instructor or course team to this evaluation   |  |

#### G. Planning for Improvement

| 1. Progress on actions proposed for improving the course in previous course reports (if any). |               |         |          |
|---|---------------|---------|----------|
| Actions recommended from the most recent course report(s)                                     | Actions Taken | Results | Analysis |
| a.  |               |         |          |
| b.  |               |         |          |
| c.  |               |         |          |
| d.  |               |         |          |

2. List what actions have been taken to improve the course (based on previous CR, surveys, independent opinion, or course evaluation).

3. Action Plan for Improvement for Next Semester/Year

| Actions Recommended | Intended Action Points and Process | Start Date | Completion Date | Person Responsible |
|---------------------|------------------------------------|------------|-----------------|--------------------|
| a.                  |                                    |            |                 |                    |
| b.                  |                                    |            |                 |                    |
| c.                  |                                    |            |                 |                    |
| d.                  |                                    |            |                 |                    |
| e.                  |                                    |            |                 |                    |

Name of Course Instructor: Prof. Fahed Abdulaziz Almana & Dr. Rashid Sultan Alobeed

Signature: [Signature] Date Report Completed: 15/3/1436

Program Coordinator: Al-Suhaibani Nassim A.

Signature: [Signature] Date Received: 15/3/1436 H