# Course specification

**University/Academy:** Damanhour University  
**Faculty/Institute:** Science  
**Department:** Botany

<table>
<thead>
<tr>
<th>1. course Data:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Course code:</td>
<td>BOT (352)</td>
</tr>
<tr>
<td>Course title:</td>
<td><strong>plant taxonomy (2)</strong></td>
</tr>
</tbody>
</table>
| Academic year/level: | 2009\2010  
Third year /1st term |
| Specialization: | Special Botany |
| Lectures: | practical 3 |

| 2. course Aim | The aim for all awards in the course is to understand the angiosperm history, origin, evolution of some plants and some orders and families representing the Egyptian flora |

<table>
<thead>
<tr>
<th>3. Intended learning outcome</th>
<th></th>
</tr>
</thead>
</table>
| **a) Knowledge and understanding** | By the end of this course, students should be able to:  
A1: Describe the angiosperm history.  
A2: Describe origin and evolution of some plants.  
A3: Describe and draw plants of some orders and families represented in Egyptian flora. |
| **b) Intellectual skills** | By the end of this course, students should be able to:  
B1: Conclude the principles of plant taxonomy.  
B2: Evaluate the angiosperm history.  
B3: Compare between the origin and evolution of some plants.  
B4: Contrast between the differentiation of some orders and families represented in Egyptian flora. |
| **c) Professional skills** | By the end of the course, student will be able to:  
C1: Demonstrate the main features of angiosperm.  
C2: Demonstrate the main features of many flowers represented in Egyptian flora. |
| **d) General skills** | D1: Exchange ideas, principles and information by oral, written and visual means.  
D2: Work effectively both in a team and... |
D3: Use the information technology together with information and right reports.
D4: Communicate effectively with his lecturer and colleagues.

| 4. course content | - Introduction on plant taxonomy
- The angiosperms
- History of angiosperms
- Definition of angiosperms
- Origin of angiosperms
- Evolution of angiosperms
- Studies of some orders and families represented in Egyptian flora
- Study of dicot plants orders
- Study of monocot plants orders |

| 5. Teaching and learning methods | 5.1. Lectures and seminars using data show and board.
5.2. Problem classes and group tutorial.
5.3. Reports and discussion groups |

| teaching and learning methods for students with special needs | ------- |

7.2. Problems.
7.3. Assignments.
7.4 Written exam. |

Procedures used:

a) Schedule: Assessment 1: Mid term
Assessment 2: Final written

b) Weighing of Assessment:
Mid-Term Examination: 10
Final-Term Examination: 100
Practical Examination: 30
Semester Work: 10

Total 150

List of Textbooks and References:
book of Plant taxonomy
periodical and website

C) Course Notes
Plant taxonomy --
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>f) Periodicals, web sites, etc</strong></td>
<td>- [<a href="http://www.Plant">www.Plant</a> taxonomy.com](<a href="http://www.Plant">http://www.Plant</a> taxonomy.com)</td>
</tr>
</tbody>
</table>

**Course Instructor:**
- Dr.

**Head of Department:**

**Date:** -----/-----/-----