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**Department of Forestry**

**College of Agriculture**

**University of Salahaddin**

**Subject: Dendrology**

**Course Book – *4th* Year**

**Lecturer's name: Assist Lecturer Hardy Kakakhan Awla**

**Academic Year: 2017/2018**

**Course Book**

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| **1. Course name** | **Spring Semester / Dendrology** |
| **2. Lecturer in charge** | Assist Lecture**r Hardy Kakakhan Awla**  |
| **3. Department/ College** | **Forestry / Agriculture** |
| **4. Contact** | **e-mail:** **hardy.awla@su.edu.krd****Tel: 00964 (0) 750 4838690**  |
| **5. Time (in hours) per week**  | **Theory: 2****Practical: 6**  |
| **6. Office hours** | **Saturday until Wednesday** |
| **7. Course code** |  |
| **8. Teacher's academic profile**  |  **I have finished my B.Sc. in Koya University – Agriculture college - Forestry Department 2008; I have got M.Sc. in Salahaddin University - Hawler – Agriculture college – Forestry and Horticulture department 2014. Nowadays I am working as Assist Lecturer in Department Forestry- agriculture college and now I am PhD candidate.** |
| **9. Keywords** |  |
| **10. Course overview:** Preparing and carrying out experiments in Dendrology as in studying of xylology, "wood" is the science and study of wooded plants (trees, shrubs, and lianas). There is no sharp boundary between plant taxonomy and dendrology. However, woody plants not only belong to many different plant families, but these families may be made up of both woody and non-woody members. |
| **11. Course objective:**This course aims to acquire the student the practical skills which are related to the theoretical part of the Dendrology course, in which aims to: * Introduce students to the importance of Dendrology and why it needs to be studied.
* Enable students to understand the importance of Dendrology identification that happens in the tree body.
* Make students be able to provide reasons for studying Forest Dendrology.
* Make students capable of understanding how trees classify, from seed till maturity tree.
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| **12. Student's obligation**The student must attend the Laboratory and prepare for the tests or experiment tests in the lab, make assignment reports, and quizzes. |
| **13. Forms of teaching**Laptop is used to explain the lecturers, using the power point. Microscope also used sometime.  |
| **14. Assessment scheme**Grading: This subject includes practical part

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| --- | --- | --- | --- | --- | --- | --- |
| Theoretical part | First exam | Second exam | Quiz, activity and report | Total quest | Final exam |  Total |
| degree | 10 | 10 | 5 | 25 | 40 | 65 |
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| **15. Student learning outcome:**The students will be exposed to the Dendrology and their benefits and the relationship with the forest and now they are adapted with the environment and their movement for survival and protection from.  |
| **16. Course Reading List and References‌:**1. - Dendrology Book
2. - Internet websites: using the following key words:
3. - Practical Dendrology
4. - Or any key wards for each private subject.
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| **17. The Topics:** | **Lecturer's name** |
|  | Mr. Hardy K. Awla |
| Lec. 1: Plant identification.Lec. 2: Plant classification.Lec. 3: Taxonomy Definition.Lec. 4: Classifying organisms. Exam time Lec. 5: Scientific Tripe to Dohuk City and Zawita Region.Lec. 6: Non-biological taxonomies.Lec. 7: Classification of forest treesLec. 8: Taxonomy and namingExam timeLec. 8: Botany | **Hardy K. Awlla** **(6 hrs.)** |
| **Q1)- Fill the blanks with suitable terms:-** 1. **The number of species of flowering plants is estimated to be in the range of ------------- to ----------------. The number of families in APG (1998) was --------------.**

**Q2)-28 forest categories are used to enable the translation of forest**  **types from national and regional classification systems to a**  **harmonised global one: Number Tropical forest types?** **Q3)- A- Number the steps of Pinophyta life cycle?**  **B-There are eight groups of living angiosperms?** | **Hardy K. Awlla****(3 hrs.)** |
| **20. Extra notes:**The course needs labs in future. |
| **21. Peer review پێداچوونه‌وه‌ی هاوه‌ڵ**  |