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**Department of Geology**

**College of Science**

**University of Sulaimani**

**Subject: Acadimic debate**

**Course Book – Year 4**

**Lecturer's name: Dr Kamal Haji Karim ( professor)**

 **Academic Year: 2019/2020**

**Course Book**

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| **1. Course name** | **Research methodology and student projects** |
| **2. Lecturer in charge** |  **Dr Kamal Haji Karim** |
| **3. Department/ College** |  **Department of Geology, College of Science** |
| **4. Contact** | **e-mail: kamal.karim@univsul.edu.iq****Tel: 07701571445** |
| **5. Time (in hours) per week**  |  **1** **Practical: ( It has no practical)**  |
| **6. Office hours** |  **1 hours** |
| **7. Course code** |  |
| **8. Teacher's academic profile**  |  **Publications activity:** [**2 Books**](http://www.amazon.com/analysis-Tanjero-Formation-Sulaimaniya-NE-Iraq/dp/3659182184/ref%3Dsr_1_1?s=books&ie=UTF8&qid=1447961498&sr=1-1&refinements=p_27%3AKamal+Haji+Karim)**,** [**70 Journal Articles  and  6 Conference papers**](http://www.kurdistan-geology.com/)**My e-mails:**kamal.karim@univsul.edu.iq**other e-mail: karimgeology@yahoo.com****My mobile: (+964) - 07701571445**[**My Published Papers  (click here to see  all  full texts of all papers)**](http://kurdistangeology.com/)**My web site:** [**http://www.kurdistangeology.com/**](file:///D%3A%5CVery%20newest%203rd%2012-11-2019%5CHagba%202019%5C%C2%A0http%3A%5Cwww.kurdistangeology.com%5C) **(The largest geological site in the                          Middle East)****My Google Scholar:** [**https://scholar.google.com/scholar?hl=en&q=kamal+haji+karim&btnG=&as\_sdt=1%2C5&as\_sdtp=**](https://scholar.google.com/scholar?hl=en&q=kamal+haji+karim&btnG=&as_sdt=1%2C5&as_sdtp=)**My citation in Google Scholar:** [**https://scholar.google.com/citations?user=QVlt2GIAAAAJ&hl=en**](https://scholar.google.com/citations?user=QVlt2GIAAAAJ&hl=en)**ResearchGate:** [**https://www.researchgate.net/profile/Professor\_Kamal\_Karim/stats**](https://www.researchgate.net/profile/Professor_Kamal_Karim/stats)**MY Face book:**[**https://www.facebook.com/kamalhajikarim**](https://www.facebook.com/kamalhajikarim)**My CV  and publications: see full textes in**[**http://kurdistangeology.com/?page\_id=10**](file:///D%3A%5CVery%20newest%203rd%2012-11-2019%5CHagba%202019%5C%C2%A0http%3A%5Ckurdistangeology.com%5C%3Fpage_id%3D10) |
| **9. Keywords** | **Research methodology , student projects, writing articles, objective writing, writing references, scientific thinking, competitive discussion,**  |
| **10. Course overview:** Research methodology and student projects or Critical thinking is a lesson focuses on Academic methodology od writing articles or scientist papers. The course increase the ability of student how to write and think objectively in which students play partial or full role with the supervision and controlling of the their teachers. It is a course during which student get expert about scientific argument in their future studies or reports. The research methodology includes methods of proving, reasoning and justification of their ideas and theories. It encourages the students to participate strongly in public medium and scientific organizations, governments and social movements later in life. They learn how arrange their scientific works into sections for publication in Journals. And how to write references, abstract, introduction, result and discussion of and study and select and present a topic scientifically and how to present the justification for change. The teacher try learn student how discuss and argues the issues objectively not subjectively in manner that respect different idea and thinking of other students. The best way is to direct the discussion and argument between the student objectively.  |
| **11. Course objective:**The ability to write a cohesive, well thought out paper is necessary to succeed in any subject, whether the subject is in the physical sciences, math, or the liberal arts. Anyone who hopes to do well at school, at college, at work, or professionally, must master writing skills and techniques. Designed to help any student with any research paper assignment. This course explains the difference between term papers and research papers and gives the student a complete understanding of the search for research material and using the information in the paper. Includes examples of a title page, table of contents, outline, bibliography, footnote, research indexes, appendix, and page dimensions. Other objective are:1- Research methodology and student projects is a course focuses on Methods and types of research articles ( or studies), 2- how write critically and objectively without self interest 3- It is a course which encourages the students to participate strongly in public medium and scientific organizations, governments and social movement 4- How to write references, abstract, introduction, result and discussion of and study and select and present a topic scientifically and how to present the justification for change. 6- Student learn how to define scientific terms and how give justification of change he made in idea and theories   |
| **12. Student's obligation**The students duty is preparing presentation( report) about scientific writhing of report and articles is  But the main problems of student is their weakness in English which is main difficulty against the ability of students during presentation and writing scientific reports, another problem is the high number of students which dilute the role of each one in the course and activities. Another problem is that most students are not suitable for college living due to their low level of scientific abilities. |
| **13. Forms of teaching** For teacher lecturing, I prefer the writing on the white board with hand animation and live three dimension models and mathematical equation for all teaching activities of the teachers and the students must learn how to use these models. The teachers and students can use data shows equipment occasionally in addition to poster in the class. |
| **14. Assessment scheme**The course has monthly or semiannual examination but the evaluation of the students depend also on the scientific activities (writing report , questioning , answering question) and attendance of the courseThe distribution of the annual degree of the course is shown below.1-Scientific activities in the class (asking critical questions and objectively answering and attendance : 10%2-Monthly exmination 15%3- Final examination 25% ‌ |
| **15. Student learning outcome:** The outcome will be encouraging students how to ask critically and scientifically questions and how objectively answering them. Preparing student for scientific life in college and how to write report, papers and prepare PPL Presentation. At the final most students will be able to think logically and relatively and able te write and arrange scientific papers Other outcomes are:  **Thecourse has the folloing positive feedback**1-cultivates students leadership skills2-Consolidates students investigation & analysis skills3-Trains students critical listening/thinking skills4-Learn the student how write essay, report and scientific papers5-Trains students with better organization & speaking skills 6-Builds students self-confidence  |
| **16. Course Reading List and References‌:** **1-** [www.kurdistangeology.com](http://www.kurdistangeology.com)2- hand book for Writing Research Paper, 2014, Publisher: Bharati Publications, New DelhiBy [Sher Singh Bhakar](https://www.researchgate.net/profile/Sher_Bhakar2?_sg%5B0%5D=pfhM9p0RmpJesJmqkXMrz4cawVV4HowTcumdJwIGjAo5y6SWz1N8CUNCI6z0zPvLjkHDod4.s0x143l0XAPLGQwwmfm4MpD7IaJDhfLYlX2Syxbvv_CAOKzM5lSIKJ8MhELZXEpYNIjnU2YkfGTOkI3qAALJXA&_sg%5B1%5D=XTcd2-pAJwYW7ZG7Xh_t7T9Biy8Q7B934oQLkp0SWl4EIKOUXta3vUx4vsDkGpcHmV1XgxCk3au_p30.HuSNFM411q7rNXSU02fmkbtYlyLk6EB1XEzmzLiaq2vLxsRiayOi8jF61hSozOEG6_PrdVKgqu9LWMJ0TsG4rg&_sg%5B2%5D=VfcW_plIDA__X9oruYXaJCf_eLP-YfnenytYhWyBZnM8q0l8y0Er7Z8yk4xQSNVugpRMCEI.QOq-GgfUY4EZzL1EDlEBIlci32u-bg6PuK3vrpfP6QiDmkhUuUzGzPIOEyBtqh9QdWr_RxhfB_SzXdw74qDISg) and [Tarika Singh Sikarwar](https://www.researchgate.net/profile/Tarika_Singh_Sikarwar?_sg%5B0%5D=pfhM9p0RmpJesJmqkXMrz4cawVV4HowTcumdJwIGjAo5y6SWz1N8CUNCI6z0zPvLjkHDod4.s0x143l0XAPLGQwwmfm4MpD7IaJDhfLYlX2Syxbvv_CAOKzM5lSIKJ8MhELZXEpYNIjnU2YkfGTOkI3qAALJXA&_sg%5B1%5D=XTcd2-pAJwYW7ZG7Xh_t7T9Biy8Q7B934oQLkp0SWl4EIKOUXta3vUx4vsDkGpcHmV1XgxCk3au_p30.HuSNFM411q7rNXSU02fmkbtYlyLk6EB1XEzmzLiaq2vLxsRiayOi8jF61hSozOEG6_PrdVKgqu9LWMJ0TsG4rg&_sg%5B2%5D=VfcW_plIDA__X9oruYXaJCf_eLP-YfnenytYhWyBZnM8q0l8y0Er7Z8yk4xQSNVugpRMCEI.QOq-GgfUY4EZzL1EDlEBIlci32u-bg6PuK3vrpfP6QiDmkhUuUzGzPIOEyBtqh9QdWr_RxhfB_SzXdw74qDISg)3-Writing Research Papers:A Complete Guide, 2015 by James D. Lester and James D. Lester, Jr.4- Stella Cottrell (2011) Critical Thinking Skills: Developing Effective Analysis and Argument (Palgrave Study Skills) Second Edition  **17. The Topics:** |
| **Weeks title of the lessons (lectures)** | **Lecturer's name** |
| **1- Best font and Key board for writing research paper****2-How to define and describe geological features in term of shape, color, size, location and boundary conditions in research papers****3- Testing intelligence and genetic ability of the students for writing, include the ability to reason, plan, solve problems, think abstractly, and understand complex ideas.** **4-Subjectivity and objectivity in writing and speaking,** **5- How to write abstract of research article****6- How to write introduction of a research article****7-How to write result of a research****8- How to write discussion of a research****9- How to write references in list and in the text of scientific papers****9- Difference between research paper and report****10. Types of articles, Investigative Articles, Original Research Articles, Review Articles****11- Words (terminologies) used in the articles****12- Student project discussion: example 1****13- Student project discussion: example 2****14- Student project discussion: example 3****15- Evaluation of some previous writing activities of students****16- Two field trips to two different areas of Kurdistan****17- Objectivity and subjectivity in writhing researches** | **Dr Kamal Haji Karim****With the aids of the students** |
| **30. Peer review**This course book has to be reviewed and signed by a peer. The peer approves the contents of your course book by writing few sentences in this section.*(A peer is person who has enough knowledge about the subject you are teaching, he/she has to be a professor, assistant professor a lecturer or an expert in the field of your subject).* |