

Course: Field geology and geologic surveying- Grade: 3rd level-Geology

Topics of Research Subjects

- 1) **What are instruments used for measuring levelling?**
- 2) **Brunton compass and its geological applications**
- 3) **GPS surveying equipment and its applications**
- 4) **Total station components, operation and application**
- 5) **Geographic Information System (GIS) and its applications**
- 6) **What are the data collecting during fieldwork?**
- 7) **What are types of different rock contacts in the field?**
- 8) **What are the instruments used for measuring location, distance and direction?**
- 9) **What are the instruments used in surveying?**
- 10) **Distance and angle measurements**

With best wishes

Dr. Mohamed Zaki Khedr

رئيس مجلس القسم

القائم بالتدريس

(أ.د/ علاء محمد سالم)

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