**Department :** **Clinical Laboratory Sciences**

**Course Number : CLS 452**

**Course Title : Independent Study**

**Credit Hours : 2 + 0 = 2**

**Course Description:**

The objective of this course is to give selected students an introduction of research on a limited and selected topic of their choice and interest.  They will learn the philosophy and tools of research such as how to review literature, how to write a research plan and protocol, and how to write up and present topic of their study.

**General**

1. Choosing the topic

2. Attendance every week

3. Commitment to the deadlines

**Thesis**

**A. Quality of the thesis**

1. Proposal- outline (introduction)
2. Background / Theory
3. Search methodology
4. Presentation of the thesis
5. References

**B. final thesis**

1. Background / Theory
2. Search methodology
3. Layout of the thesis
4. References

**The oral presentation**

 1. Structure

 2. Language proficiency

 3. Use of audiovisual media

 4. Contact with the audience

 5. Answering the questions

 6. Commitment to the time

**Marks of the audience**

**Assessment criteria:**