ECTS Credit System Achievements and Challenges

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Why ECTS ?

- As general reasons:

1- To make studying across all Kurdish educational universities much more comparable, through unifying their studying program.

2- Transferring between universities become much easier and applicable, as one course or module is worth the same at any university across Kurdistan Region.

3- Allowing much more flexibility in studying program (credits for lectures from different institutions/universities can be accumulated towards one degree or qualification.

Why ECTS ?

- As particular reasons:

1- to define the workload that comes with lectures and study program.

2- To overcome some particular studying problems that exist every year over all universities in the region.

3- ECTS can be more important when applying for postgraduate programmes.

Current Situation- Credits allocation

- All study programs have specific credits determined by the relevant department as shown below:

30 Credits / semester.

240 Credits / the study program (4 year program).

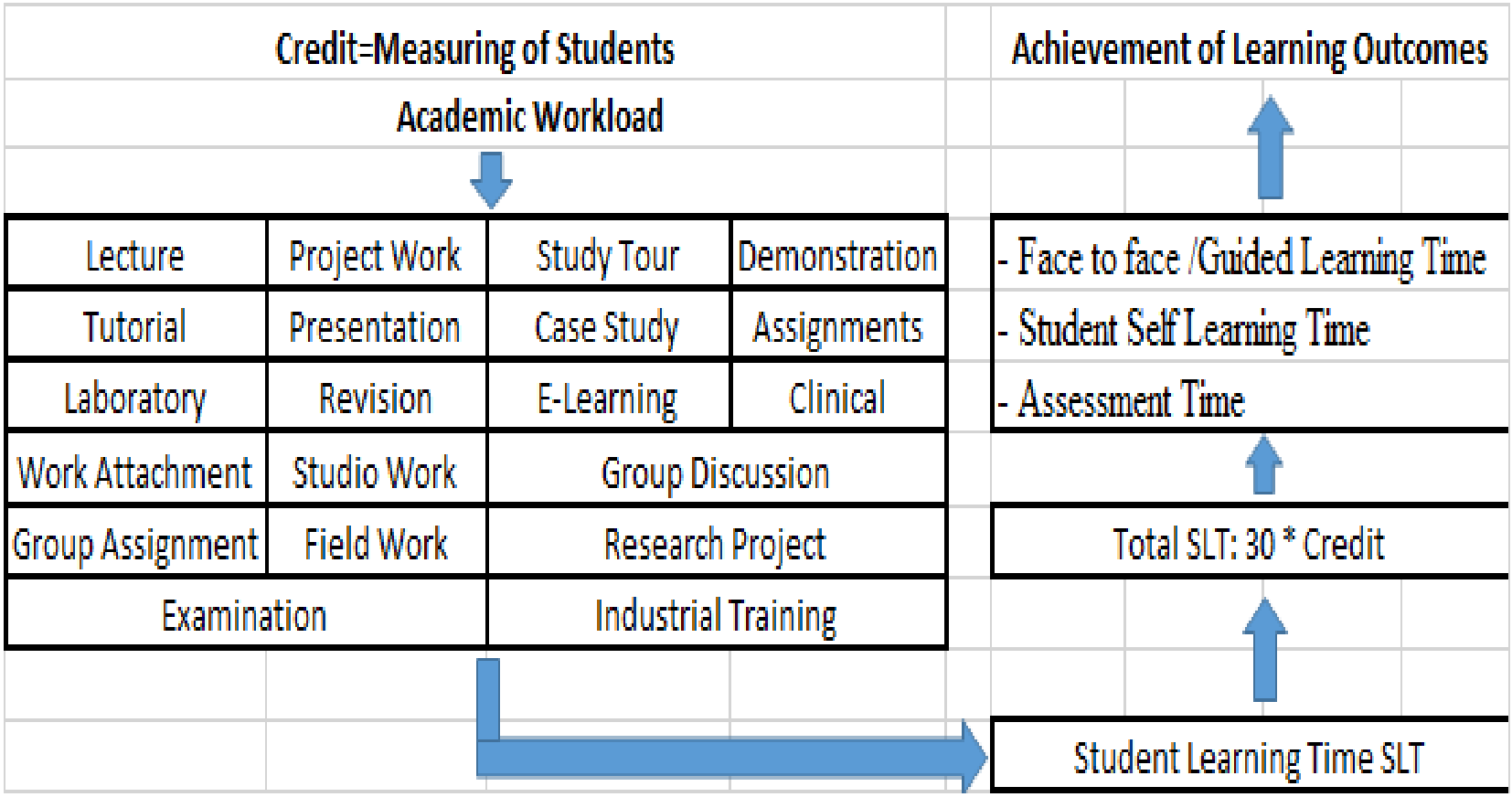
300- Credits per the study program(5 year program).

Current Situation - Student Workload

The workload of a module: is the total amount of learning activities a student is expected to complete in order to achieve the foreseen learning outcomes. This includes:

- attending college lectures,
- Practical Labs,
- writing reports,
- home works,
- Questions and applications,
- exams

Current Situation- Learning Outcomes



Current Situation - Student Assessment

Date:	Examination No.: 15367	Version:1/9/2019	Start: 1/9/2019
Module Name - Code	Material science and Technology - 3115		
Module Language:	English		
Responsible:	DR. Mohammedtaher Mulapeer		
Lecture (s):	Mr. Ahmed Samir/ MSc Mrs. Gawher Khidir/MSc		
College:	College of Engineering – Salahaddin University		
Duration:	15 week – 1 semester		
Course outcomes:	At the end of the semester, students would be able to understand the technically relevant Material groups, the different types of stress and a technically justified selection of materials. They would also be able to understand the behavior of different materials under different conditions.		
Course Content:	Selected characteristics of materials. Mechanical, thermal, electrical properties. Atomic structure and chemical bonding. Structure of solids. Crystals, noncrystals. Metals, semiconductors. Alloys, polymers, polymeric properties. Ceramics. Electromagnetic and mechanical behavior of ceramics. Multiphase equilibria. Mechanical and physical properties of multiphase materials. Thermal processing. Corrosion of metals.		
Literature:	William D Callister " material science and engineering"-2015 R A Higgins " engineering metallurgy" 1998		
Type of Teaching:	2 hrs in lectures 2 hrs laboratory working. 1 hr exercises.		
Pre-requisites:	Background in physical chemistry is recommended		
Frequency:	Yearly in fall semester		
Requirements for credit points:	For the award of credit points it is necessary to pass the module exam. The module exam contains: Oral/Written (written if 6 students or more) [Oral minimum 30 min / Written 120 min] Student's attendance is required in all classes.		
Credit point:	4		
Grade Distribution:	The Grade is generated from the examination result(s) with the following weights (w): Oral/Written [w: 1]		
Work load:	The workload is 120h. It is the result of 60h attendance and 60h self studies.		

Current Situation – System Operational

- College of engineering at Salahaddin University established a higher committee for ECTS system application purpose.
- The committee initially points an advisor for each single engineering department in the college.
- That advisor has a role to advise the students and explain them how ECTS system works, in addition guide the lectures as well.

Thanks for your Listening