

Course Number	Course	Credit hours	Prerequisite
0302111	Physics Laboratory (1)	3	0300121

This course includes ten experiments in mechanics, covering the experimental aspect of the theoretical content that the student studies in the general physics course 1, the student conducts one experiment every week in a three-hour session, and these experiments include: experimental errors and data analysis, practical measurements and accuracy Experimental, vector and equilibrium of forces Newton's second law, projectile motion, collision in two dimensions, friction, simple harmonic movement - simple pendulum, hook law and elasticity, mechanical energy conservation, rotational motion.