

COMPLEMENTARY TRAINING: CHEMISTRY AND PHYSICS 2016-2017

Master Degree:	Teaching in Secondary Schools, Vocational Training Centres	M01A - M07A	
Course title:	Complementary Training: Chemistry and Physics		262204000
Year/Semester:	1st	ECTS Credits:	6

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CONTENTS

UNIT1. History of Chemistry and Physics

UNIT2. The Physics and Chemistry from the Twentieth Century

UNIT3. What is Science

UNIT4. Basic Instrumental Techniques

REFERENCES

Title

H. Varvoglis, History and Evolution of Concepts in Physics, Springer (2014)

A. Modinos, From Aristotle to Schrödinger, Springer (2014)

I. Asimov, A Short History of Chemistry, Praeger (1979)

J. Hudson, The History of Chemistry, Springer (1992)

J. R. Partington, A short History of Chemistry 3rd ed., Dover (2011)

Science in School. The European journal for science teachers. http://www.scienceinschool.org/

Journal of Chemical Education (ACS) http://pubs.acs.org/journal/jceda8

EVALUATION SYSTEM

Written exam

Reports and oral presentations

