

Module Title and Purpose	<p>Module Title, Code</p> <p>CERAMICS MATERIALS 30-MAQ-808</p> <p>Elective professional</p> <hr/> <p>Aims/Goals of the Module</p> <p>The essence of the course is the study of scientific and technological means to achieve the ultimate formation of ceramic elements.</p>
Module Delivery	<p>Contents</p> <p>Ceramic materials are normally in traditional ceramic materials formed from natural stone or ceramic functional in material formed from synthetic dust. Use of the latter is growing significantly in many different fields and thanks to their special properties can be obtained as different compositions and shapes during their production.</p> <p>1 - Introduction to Ceramics Materials;</p> <p>2- Tradicionae ceramic materials;</p> <p>3 - Functional ceramic materials;</p> <p>4 - Game of the different synthetic puhurit;</p> <p>5 - Physical-chemical properties of the materials obtained;</p> <p>6 - Examples.</p> <hr/> <p>Literature</p> <p>[1] C. B. Carter and M. G. Norton, Ceramic Materials: Science and Engineering, Editore: Springer, Anno edizione: 2007</p> <p>[2] P. Boch and J.C. Nièpce, Ceramic Materials: Process Properties and Applications, Editore: ISTE, Anno edizione: 2007</p> <p>[3] Ceramic Matrix Composites - Microstructure, Properties and Applications, (Published byWoodhead Publishing, in2006)</p> <p>[4] CRC Materials Science and Engineering Handbook (3rd Edition), (Published byTaylor & Francis, in 2001)</p> <hr/> <p>Teaching and Learning Methods:</p> <p>Lectures, exercises, consultations and project.</p> <p>Total Contact Hours: 28+28+3= 59 Hours</p> <p>Range of other Learning Methods:</p> <p>Total Study Hours: 41 Hours</p>

	Total contact and study hours: 100 Hours
Module Assessment	Module Learning Outcomes : The student is trained to recognize the traditional ceramic materials and create new ceramic materials functional/artificial from different from ceramics.
	Assessment Methods: Participation in lectures, mid-term test 1, 2 mid-term test written examination, oral examination Number, type and method of evaluation : Participation 8%, Mid-term test 1 20% , Mid-term test 2 20% , Written Exam 26% , Oral Exam 26%, Total 100%
Module Management	Credit Points and Duration 4 ECTS, One semester, (III)
	Contact Person
Compiled by:	M. Ahmeti
Date	