

### Foundation of education

Module Name :	Foundation of Education Science										
Module Level :	Undergraduate										
Code :	32252012										
Sub-heading, if applicable :											
Classes, if applicable :											
Semester :	4 <sup>st</sup>										
Module coordinator :											
Lecturer(s) :											
Language :	Indonesian										
Classification within the curriculum :	Compulsory course										
Type of Teaching	Contact hours per week during the semester	Class Size									
Lecture (Expository, discussion, exercise)	150 minutes	40									
Workload	Total workload of this course 136 hours (4.5 ECTS) per semester which consist of 40 hours (1.32 ECTS) classroom activity, 48 hours (1.59 ECTS) structured task, and 48 hours (1.59 ECTS) per semester.										
Credit points :	4.5 ECTS										
Prerequisite course(s) :	-										
Course Outcomes :	<p>After taking this course the student have ability to :</p> <p>CLO4. Understand the basic principles of education science</p> <p>CLO5. Identify the science of education in seeing the relationship between humans and education.</p> <p>CLO6. Able to solve problems in daily life based on the principles and history of education in the practice of daily life.</p>										
Content :	<ol style="list-style-type: none"> <li>1. Education Concept</li> <li>2. Nature of Education Science</li> <li>3. Relationship between Human and Education</li> <li>4. Foundations of Education (Including New Issues in Education).</li> <li>5. Principles of Education</li> <li>6. History of Education</li> <li>7. Educational Problems in Educational Practice</li> </ol>										
Study/exam achievements:	<p>Examination are conducted as unit test, as following</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">No</th> <th style="width: 35%;">Assesment Object</th> <th style="width: 35%;">Assesment Technique</th> <th style="width: 25%;">Weight</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Case-based learning</td> <td>Project Assessment (for</td> <td style="text-align: center;">55%</td> </tr> </tbody> </table>			No	Assesment Object	Assesment Technique	Weight	1	Case-based learning	Project Assessment (for	55%
No	Assesment Object	Assesment Technique	Weight								
1	Case-based learning	Project Assessment (for	55%								

		group project assignments)	
	2	Midterm Test	Written test 15%
	3	Final Test	Written test 20%
	4	Attendance	Presence list 10%
Media :	Laptop/Computer, Smartphone, Camera, Tripod/Other Support, and Rigid Body		
Literatures :	<ol style="list-style-type: none"> <li>1. Allan C. Ornstein, et al, Foundation of Education, 11th Edition. Cengage Learning, 2011.</li> <li>2. Edgar Morin, Tujuh Materi Penting Dalam Dunia Pendidikan. Yogyakarta: Kanisius, 2005.</li> <li>3. Firdaus M. Yunus. Pendidikan Berbasis Realitas sosial. Jogjakarta: Logung pustaka, 2005.</li> <li>4. James Banks and Charry Banks, Multicultural Education- Issues and Perspectives, Boston: Allyn and Bacon. 1977</li> <li>5. Langeveld-terjemahan, Pedagogik Teoritis dan Sistematis, Jakarta: FIP IKIP, 1971.</li> <li>6. M. Suardi, Pengantar Pendidikan Teori dan Aplikasi, PT Indeks, Jakarta, 2012</li> <li>7. Undang-undang No. 20 Tahun 2003, tentang Sistem Pendidikan Nasional serta peraturan terkait lainnya.</li> <li>8. Waini Rasyidin, pedagogik teoritis dan praktis, Bandung: Remaja Rosdakarya, 2014.</li> <li>9. Zhu, D. X., Liu, H. M., Xu, Y. Y., Zou, Y. T., Wu, X. J., Chu, P. C., &amp; Li, X. H. (2022). Two-proton radioactivity within Coulomb and proximity potential model. Chinese Physics C, 46(4), 044106.</li> <li>10. Zhang, M., Liu, B. The Theoretical Foundations of Feng Shui and Science Education in China. Sci &amp; Educ 30, 1473–1490 (2021). <a href="https://doi.org/10.1007/s11191-021-00241-y">https://doi.org/10.1007/s11191-021-00241-y</a></li> <li>11. Zihlerl, S., &amp; Torkar, G. (2022). Foundations matter: Pre-service teachers' understanding of osmosis and diffusion in relation to their formal science education backgrounds. Eurasia Journal of Mathematics, Science and Technology Education, 18(6), em2113. <a href="https://doi.org/10.29333/ejmste/12041">https://doi.org/10.29333/ejmste/12041</a></li> </ol>		