

## Curriculum and Subject Management

<b>Course Title:</b> Curriculum and Subject Management					
<b>Course Code:</b> CIE62005	<b>Student Workload:</b> 8.50 Hours/ Weeks	<b>Credits:</b> 3 Credits (4.50 ECTS)	<b>Semester:</b> 2 <sup>nd</sup> Semester	<b>Frequency:</b> Even Semester	<b>Duration:</b> 16 Weeks/ Semester ( <i>Lecture: 14 weeks; Midterm assessment: 1 week; Final assessment: 1 week</i> )
<b>1</b>	<b>Types of Courses:</b> Pedagogical Content Knowledge Course	<b>Contact Hours:</b> <i>Lecturing:</i> 2.50 Hours/ Week; <i>Practical Work:</i> 0.00 Hours/ Week	<b>Independent Study:</b> <i>Self-study:</i> 3.00 Hours/ Week; <i>Structured Assignment:</i> 3.00 Hours/ Week	<b>Class Size:</b> 40 Students	
<b>2</b>	<b>Prerequisites for Participation</b> (If Applicable): -				
<b>3</b>	<b>Learning Outcomes:</b> 1. M1: Able to understand the concept and foundation of curriculum (ILO-1) (0,2) 2. M2: Able to choose how to develop curriculum according to the needs of curriculum users and fields of study (ILO-3)(0,35) 3. M3: Able to design a competency-based curriculum for the information technology study field (ILO-5) (0,35) 4. M4: Able to evaluate and determine follow-up plans for the curriculum that has been developed (ILO-9) (0,1)				
<b>4</b>	<b>Subject aims/Content:</b> At the end of the course, students are expected: 1. L1: Able to understand the concept of curriculum management and subject (M1) 2. L2: Able to understand the concept of competence and occupational qualifications in the information technology field (M1) 3. L3: Able to distinguish various foundations, principles, components, and curriculum models (M2) 4. L4: Able to design a competency-based curriculum in the information technology field (M3) 5. L5: Able to apply the concept of evaluation in the information technology field curriculum (M4)				
<b>5</b>	<b>Teaching Methods:</b> Lecturing, Group Discussion, Discovery Learning, Case-Based Learning				
<b>6</b>	<b>Assessment Methods:</b> Multiple choice, essay, anecdotal record/logbook/review				
<b>7</b>	<b>This Course is Used in The Following Study Programme/s as Well:</b> -				
<b>8</b>	<b>Responsibility for Course:</b> 1. Retno Indah Rokhmawati, S.Pd., M.Pd. 2. Ir. Admaja Dwi Herlambang, S.Pd., M.Pd.				
<b>9</b>	<b>Other Information:</b> Bibliography: 1. Finch, C.R. & Crunkilton, J.R. 1999. Curriculum Development in Vocational and Technical Education. Boston: Allyn and Bacon. 2. Hussey, M., Xu, X., & Wu, B. 2011. Software Industry-Oriented Education Practices and Curriculum Development. USA: IGI Global. 3. Sukmadinata, N.S. 2010. Pengembangan Kurikulum: Teori dan Praktik. Bandung: PT Remaja Rosdakarya. 4. Sukmadinata, N.S. & Syaodih, E. 2012. Kurikulum dan Pembelajaran Kompetensi. Bandung: Refika Aditama. 5. Hidayat, S. 2017. Pengembangan Kurikulum Baru. Bandung: PT Remaja Rosdakarya. 6. Chasanatin, H. 2016. Pengembangan Kurikulum. Yogyakarta: Kaukaba Dipantara.				

**Compulsory Course Handbook**  
**Bachelor Program of Information Technology Education**  
**Computer Science Faculty, Universitas Brawijaya**

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12. Angeli, C. & Valanides, N. 2015. Technological Pedagogical Content Knowledge: Exploring, Developing, and Assessing TPCK. New York: Springer.
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