Module/Course Title: **Database Management**						
Module/Course Code **AKTNUM6027**		Student Workload 123 hours	Credits (ECTS) 4.92	Semester **5**	Frequency Every Year (February)	Duration 1 Semester
1	**Type of Course:** a. Lecture b. Tutorial c. Project work			Contact Hours 35	Independent Study 88	Class Size 35 Students
2	**Prerequisites for participation (if applicable):** AKTNUM6011					
3	**Learning outcomes:** Master economic and entrepreneurship concepts, hence able to independently design and implement business feasibility studies that are oriented toward religious and social norms using information technologies, allowing them to contribute to improvement of the quality of society, nation, and state life					
4	**Subject aims:** 1. Understand the introduction to database management system 2. Understand fundamental aspects of database management system, including data model, database architecture, and database manipulation 3. Implement database management system 4. Understand the trend and development of database management systems, e.g., internet database and data warehousing **Course contents:** 1. Database management system, relational model for database 2. Database development process 3. Evaluation of relational database management system 4. Relational Database Management System (RDBMS) using Microsoft Office Access 5. Structure Query Language (SQL) 6. Database management performance, data management and administration, and data storage					
5	**Teaching methods:** Lectures, project work, case studies, discussions (synchronous and asynchronous)					
6	**Assessment methods:** Student presentations (15%), assignments (25%), mid-term exam (25%), final exam (35%)					
7	**This module/course is used in the following study program's as well:** This course is applied only to the Bachelor's Program in Accounting					
8	**Responsibility for module/course:** Aulia Herdiani, M.Pd., M.S.					
9	**Reading List:** 1. Arbie. 2004. Manajemen Database dengan MySQL. Yogyakarta: Andi. 2. Elmasri, R. dan Navathe, S. B. 2007. Fundamentals of Database Systems (5th Ed.). Boston: Addison Wesley. 3. Fatehpuria, S. dan Yadav, H. 2014. Database Management System. Rajashtan: Genius Publications. 4. Hoffer, J. A., Prescott, M. B., dan McFadden, F. R. 2007. Modern Database Management (8th Ed.). New Jersey: Prentice-Hall. 5. Jennings, R. 2004. Special Edition Using Microsoft Office Access 2003. Indianapolis: Que. 6. Ramakrishnan, R. dan Gehrke, J. 2006. Sistem Manajemen Database Edisi 3. Yogyakarta: Andi. Simpson, A., Young, M. L., dan Barrows, A. 2003. Access 2003 for DUMMIES. New Jersey: Wiley Publishing.					