

Module Handbook

Module Name :	Pharmaceutical Preparation Manufacture II
Module Level :	Bachelor
Abbreviation, if applicable :	FAI306
Sub-heading, if applicable :	
Courses included in the module, if applicable :	
Semester / term :	2 / Fourth year
Module coordinator(s) :	Dr. Sugiyartono, MS, Apt.
Lecturer(s):	Dr. Sugiyartono, MS, Apt. M. Agus Syamsur Rijal, SSi., MSi. Dr. Isnaeni MS Prof.Dr. Amirudin Prawita Prof. Dr. rer. nat. M Yuwono, MS Dr. Noorma Rosita MSi Dr .Tutiek Purwanti MSi Dr. Tristiana Erawati MSi Dra Esti Hendradi, MSi., PhD Drs. Bambang Widjaja, MS Dr. Retno Sari MSc Dr. Achmad Radjaram Dr. Dewi Isadiartuti, MSi Dr. Dwi Setiawan SSi,MSi Dewi Melani Hariyadi, SSi, MPhil,PH.D Helmy Yusuf, SSi., MSc, Ph.D
Language :	Bahasa Indonesia
Classification within the curriculum :	Compulsory Course / Elective Studies
Teaching format / class hours per week during the semester :	100 minutes lectures, 13 lecture classes/semester
Workload	Total 22 hours in a semester
Cedit Points :	1
Requirements :	
Learning goals/competencies :	<p>Knowledge</p> <p>–</p> <p>Skills</p> <p>– Honesty, Discipline, and Teamwork.</p> <p>Competence</p> <p>– To be able to plan the production of dosage infusion for the intravenous in cases of dengue fever by considering stability, effectiveness, safety, and acceptability of a dosage.</p>
Content :	The topics of this course include : to determine the problems of formula pharmaceutical dosage form, to seek for information from libraries and internet related to those problems, to discuss how to resolve the problems in groups, to define manufacturing process in a laboratory scale and industrial scale, evaluation and design of packaging.

Study/exam achievements :	<p>Student are considered to be competent and pass based on ;</p> <p>The daily assessment and Final Exam</p> <p>Final index is defined as follow :</p> <p>A : ≥ 75 AB : 70 – 74,9 B : 65 – 69,9 BC : 60 – 64,9 C : 55 – 59,9 D : 40 – 54,9 E : <40</p>
Forms of Media :	LCD Proyektor and White Board
Literature :	<ol style="list-style-type: none"> <li data-bbox="703 701 1401 801">1. Aulton ME, 1988, <i>Pharmaceutics The Science of Dosage Form Design</i>, Churchill Livingstone, Edenburg <li data-bbox="703 801 1401 875">2. Depkes RI, 1995, <i>Farmakope Indonesia Edisi IV</i>, Jakarta <li data-bbox="703 875 1401 976">3. Lachman L., 1986, <i>The Theory and Practice of Industrial Pharmacy</i>, 3rd Ed., Lea & Febiger, Philadelphia <li data-bbox="703 976 1401 1077">4. Lieberman H.A. and Lachman L., 1981, <i>Pharmaceutical Dosage Form : Tablet</i>, Vol.1-3, Marcel Dekker, New York <li data-bbox="703 1077 1401 1211">5. Lieberman H.A., Rieger M.M., Banker G.S., 1996, <i>Pharmaceutical Dosage Forms : Disperse Systems</i>. Vol. 2, 2nd Ed., Revised and Expanded, Marcel Dekker, Inc., New York – Basel – Hongkong <li data-bbox="703 1211 1401 1312">6. Weels J.I., 1988, <i>Pharmaceutical Preformulation : The Physicochemical properties of Drug Substances</i>, Ellis Horwood Ltd., New York
Notes	The course use <i>Problem Based Learning</i> (PBL) method which is able to practice communication skills.