PART B. REQUIRED COURSE FORM

Course title:	Principles of Medical Pharmacology
Sponsoring department or unit:	Pharmacology
Name of course director:	Paul Lietman, M.D.

List all organizational units (e.g., physiology department, nursing school, library), including the lead department, with ongoing involvement in the course, and the number of instructional staff from each such unit:

Organizational Unit	Number of Teaching Staff Involved
Department of Pharmacology & Molecular Science	28
Department of Clinical Pharmacology	5
Department of Biological Chemistry	1
Department of Clinical Immunology	1
Bloomberg School of Public Health	1
Department of Medicine	5
Department of Gynecology-Obstetrics	1
Department of Neurology	3
Department of Neuroscience	1
Department of Anesthesiology/Critical Care	1
Department of Pediatrics	2
Department of Oncology	3
Department of Ophthalmology	1
Department of Psychiatry	1
Department of Radiology	1
Department of Urology	2
Volunteer Faculty	2

Course Objectives

Are there written objectives for the course? (check)

Yes	X	**No**	

Briefly summarize the objectives/content areas covered in the course.

1. Understand the major principles of pharmacodynamics and pharmacokinetcs. 2. Know the mechanisms of action of representative drugs in the major classes. 3. Demonstrate the ability to list the major indications, pharmacokinetics, and toxicities of important drug classes and specific drugs. 4. Understand ethical issues and policies concerning drug development and uses.

Preparation for Teaching

If graduate students, postdoctoral fellows in the biomedical sciences, or residents teach in the course (as lecturers, small group facilitators, laboratory instructors), describe how they are informed about the course objectives and prepared for their teaching role.

- *Not applicable.*

If the entire course is taught at more than one site (e.g., at geographically separate campuses), describe how faculty members at all sites are oriented to the objectives and grading system.

- *Not applicable*

Student Evaluation

If NBME subject (shelf) examinations are used, give the mean scores for the last three classes:

Year:			
Score:			

Not applicable.

Check all the formats that are used in examinations or other evaluations that students must take in order to pass the course:

X	Multiple-choice, true/false, matching questions		Laboratory practical items
X	Fill-in, short answer questions		Problem-solving exercises
X	Essay questions or papers	X	Presentations
	Oral exams		Other (describe)

Briefly describe any formative assessment activities (practice exams, quizzes, etc.)

Each of the exam results are made available to the students. Those with concerning performances are invited to meet with course directors and/or tutors.

Is there a narrative evaluation submitted in addition to the course grade? (check)

Yes		**No**	X

Course Outcomes/Evaluation

Comment on the adequacy of faculty and other resources to teach the course (e.g., educational space, computer hardware and software, support personnel).

Basically fine! Funding for a simulated patient (robot) has been requested.

Provide a summary of student feedback on the course (and any other available evaluation data) for the past two years. If the course is new or significantly revised, provide evaluation data for the new version of the course only. If problems have been identified by student evaluations or other data, describe how they are being addressed.

Identify major successes in the course and problems to be overcome.

Expert lecturers in general principles of pharmacology, cancer pharmacology, anti-infectious agents are our strengths. Continuing improvement in dermatology, cardiac, pulmonary, neurology, and psychiatric pharmacology needed; more hands-on experiences for students might be helpful.