

Course-Program Mapping

Date:	Fall 2019	Department:	Computer Science and Engineering
Course Title:	Introduction to Computer Studies	Prepared by:	Satyaki Das
Course Code:	CSE 101	Checked by:	
Course Type:	MJ, T		

SL No.	Course Learning Outcome (ILO)	Contribution to			Assessment Strategy
		Program Learning Outcomes	Generic Skills	Professional Skills	
1.	Describe the concept and components of computing system along with its benefits.	PLO1(MJ)	GS1.1(MJ), GS2.1(MN), GS3.4(MN)	PS1(MJ), PS2(MJ), PS3 (MN)	AS1(MJ), AS5(MJ)
2.	Explain features and benefits of various technological advancements	PLO1(MJ)	GS1.1(MJ), GS1.2(MJ), GS2.1(MN), GS4.3(MJ),	PS1(MJ), PS10(MJ)	AS1(MJ), AS2(MJ), AS3(MJ)
3.	Define a wide range of practical problems as a computational problem	PLO1(MJ)	GS1.1(MJ), GS1.2(MJ), GS2.2(MN), GS4.1(MN), GS4.3(MJ), GS4.4(MJ)	PS1(MJ), PS10(MJ)	AS2(MJ), AS3(MJ), AS7(MJ)
4.	Understand a real-life problem and be able to design and develop systems using pseudocodes and flowcharts.	PLO1 (MJ)	GS1.1(MJ), GS1.2(MJ), GS2.2(MN), GS4.1(MN), GS4.3(MJ), GS4.4(MJ)	PS1(MJ), PS10(MJ),	AS2(MJ), AS3(MJ), AS7(MJ)
5.	Introduce the fundamental concepts of computer programming	PLO1(MJ), PLO9(MN), PLO10(MN)	GS1.1(MJ), GS2.1(MN), GS3.1(MJ), GS4.5(MN)	PS1(MJ), PS10(MN)	AS2(MJ), AS3(MJ), AS7(MJ)

Note: Kindly write the appropriate code on the space allotted. Please indicate if the contribution is major (MJ) or minor (MN). The codes are in the following pages.

Program Learning Outcome Mapping

Degree

BSc in Computer Science and Engineering

Program Offering Entity:

Department of Computer Science and Engineering

[illegible]

Note: Put (√√) if the course makes a major contribution, put (√) if the course makes a minor contribution.

Program Learning Outcome Alignment

Degree:	BSc in Computer Science and Engineering
Program Offering Entity:	Department of Computer Science and Engineering

PLO 1: CSE101	PLO 2:
PLO 3:	PLO 4:
PLO 5:	PLO 6:
PLO 7:	PLO 8:
PLO 9:	PLO 10:
PLO 11:	PLO 12:

Degree

BSc in Computer Science and Engineering

Program Offering Entity

Department of Computer Science and Engineering

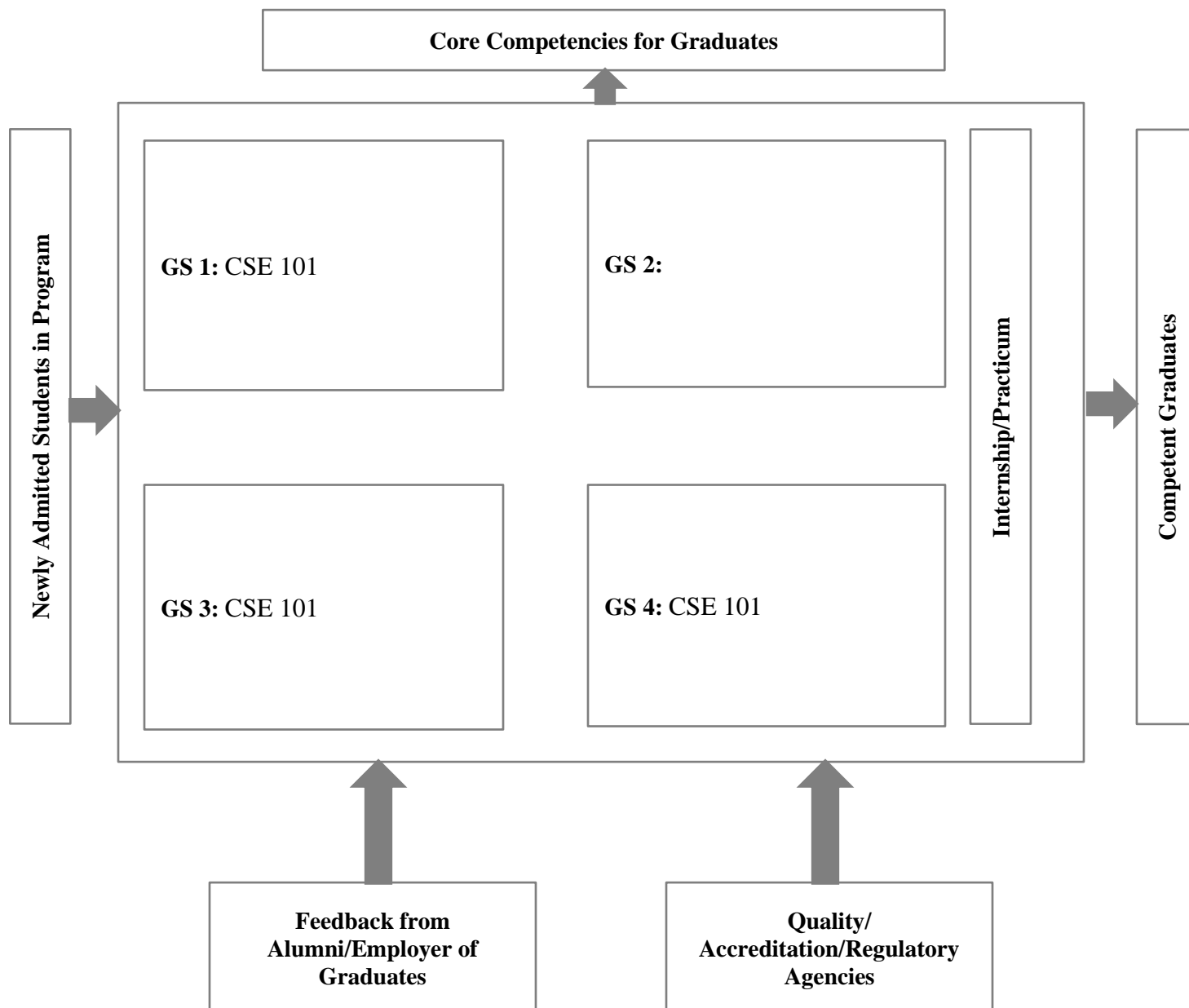
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Note: Put (√√) if the course makes a major contribution, put (√) if the course makes a minor contribution.

Generic Skills Alignment

Degree
Program Offering Entity

BSc in Computer Science and Engineering
Department of Computer Science and Engineering



Note: Plot only if the course makes a major contribution.

Professional Skills Map

Degree

Program Offering Entity

BSc in Computer Science and Engineering

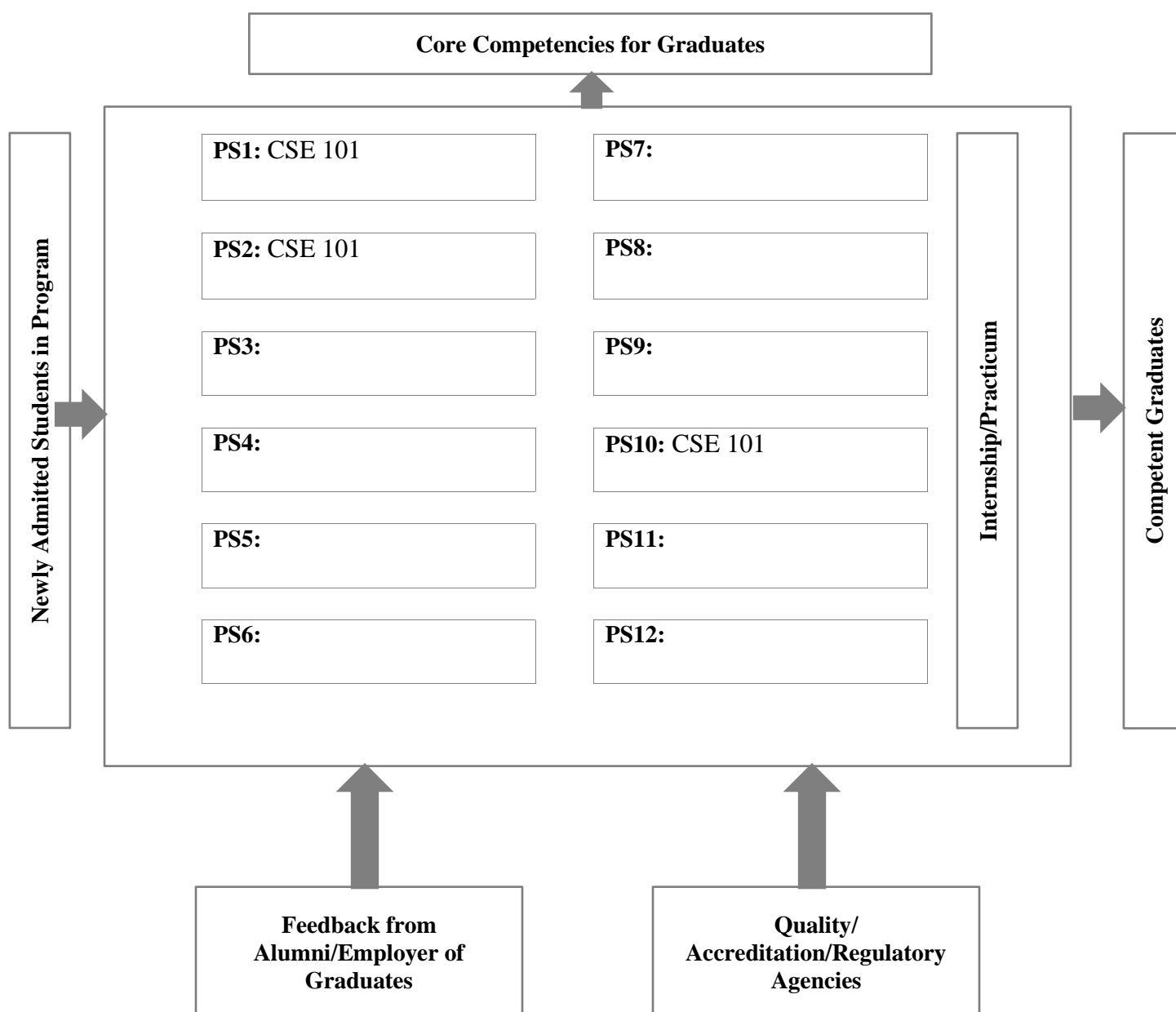
Department of Computer Science and Engineering

[illegible]

Note: Put (✓✓) if the course makes a major contribution, put (✓) if the course makes a minor contribution.

Professional Skills Alignment

Degree: BSc in Computer Science and Engineering
Program: Department of Computer Science and Engineering



Note: Plot only if the course makes a major contribution.

Degree

BSc in Computer Science and Engineering

Program Offering Entity

Department of Computer Science and Engineering

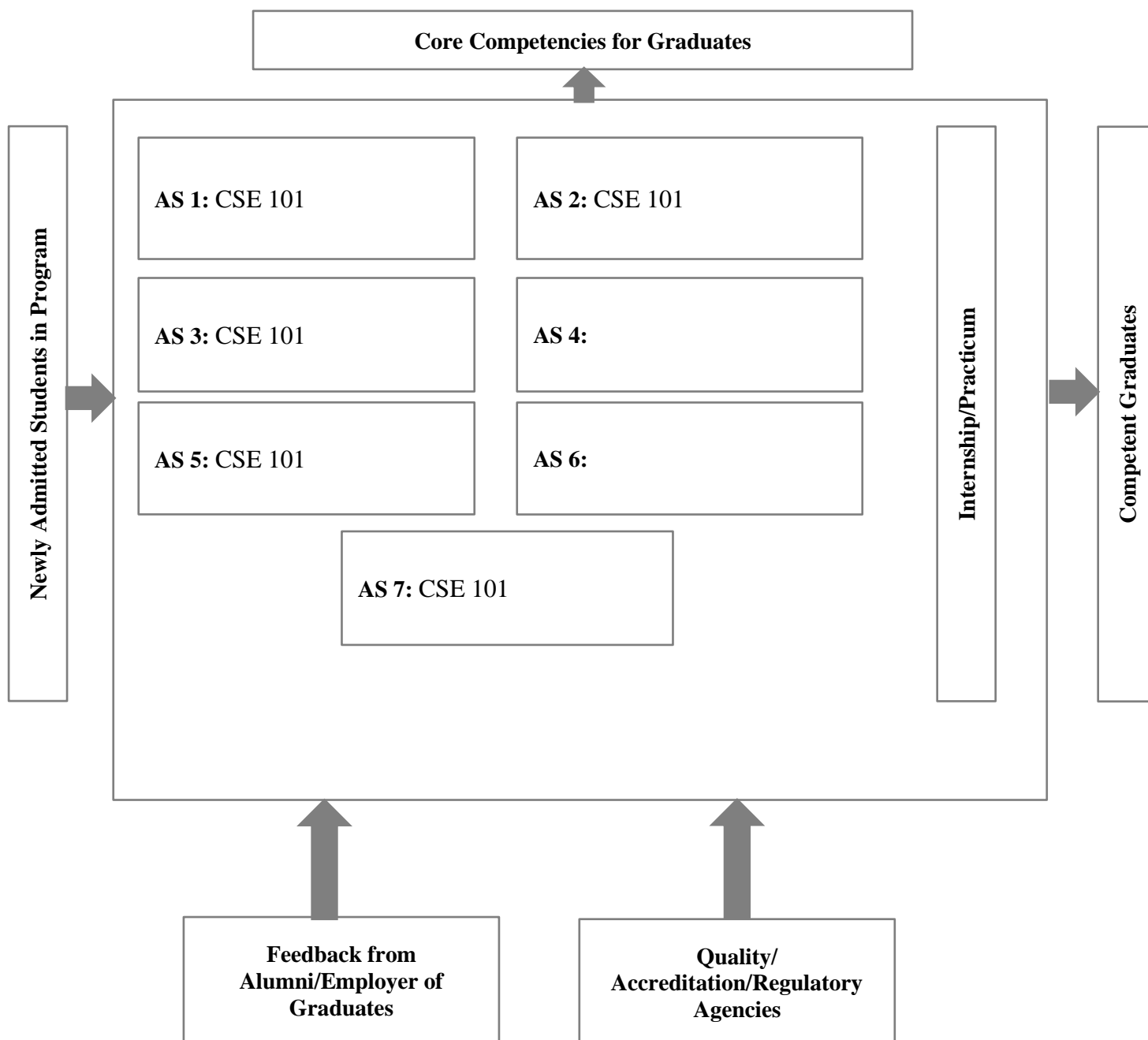
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Note: Put (√√) if the course makes a major contribution, put (√) if the course makes a minor contribution.

Learning Assessment Alignment (Course Level)

**Degree
Program Offering
Entity**

**BSc in Computer Science and Engineering
Department of Computer Science and Engineering**



Note: Plot only if the course makes a major contribution.

Semester Course Report

University	ULAB	School	School of Engineering	Department	CSE
Semester	Fall	Year	2019		

I. Basic Information

1. Course Code	CSE 101
2. Course Title	Introduction to Computer Studies
3. Section	09
4. Unit/Credit hours:	3

Lectures	24	Tutorial		Practical		Total	24
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5. Course Instructor:	Satyaki Das
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6. Intended Learning Outcomes:

1. Describe the concept and components of computing system along with its benefits.
2. Explain features and benefits of various technological advancements
3. Define a wide range of practical problems as a computational problem
4. Understand a real-life problem and be able to design and develop systems using pseudocodes and flowcharts.
5. Introduce the fundamental concepts of computer programming

II. Statistical Information

	No.	%
Students enrolled	47	100.00%
Students who withdrew	0	0.00%
Students who took final exam/project	33	70.21%
Students passed	29	61.70%

	No.	%
Sessions Missed	2	8.3
Sessions Made Up		
Total Sessions Conducted (excluding midterm & finals)	22	91.7

	Average Number Per Session
Tardy Students	5
Absent Students	7

	No.
Guest Lecturers Invited	0
Field Trips Taken	0

Achievement of students:

Letter Grade	No.	%
A+	0	0.00%
A	1	2.13%
A-	0	0.00%
B	3	6.38%
B+	0	0.00%
B-	11	23.40%
C+	4	8.51%
C	6	12.77%
D	4	8.51%
F	18	38.30%
I	0	0.00%
W	0	0.00%
Total	47	100.00%

III. Professional Information

1. Course topic/content ILO covered

Topics Taught	ILO Covered	No. of Sessions
Introduction to Computing System	CO1 & CO2	2
Number Systems	CO1, CO2	4
Hardware and Software	CO1, CO2	2
Technological Advancements	CO1, CO2, CO3	1
Algorithms, pseudocode and flowcharts	CO1, CO2, CO3, CO4 & CO5	4
Introduction to Programming	CO1, CO2, CO3, CO4 & CO5	8

What percentage of topics/content planned were actually taught? (Please encircle appropriate answer)

a. >90%



b. 70-90%

c. <70%

If <70%, please write the reason for not teaching all topics/content planned:

If any topics/contents were taught which were not written in course outline, give reasons in detail:

2. Teaching and learning methods:

Teaching Methods	No.	% of Total Session
Lectures	19	
Debate		
Discussion	1	
Presentation	1	
Group Work		
Others		
Active learning: (Please Specify)		
Teaching Aids:	No.	% of Total Session
Video		
Audio		
Handout		

3. Student assessment:

SL#	Type	Description	ILO Assessed
1.	Written Examination	Midterm, Final and Quizzes	1-5
2.	Oral Examination	Presentation	1-5
3.	Laboratory work		
4.	Projects	Group	1-5

5.	Research Papers		
6.	Others (please specify)	Assignment	1-5

Involvement of external evaluator in student assessment

☐ Yes ☒ No

If yes, please explain

4. Facilities and teaching materials:

SL#	Facilities	Please rate the following (1-inadequate, 2-adequate to some extent, 3-adequate)		
		1	2	3
1.	Classroom			
2.	Projector/Screen			
3.	Whiteboard/Marker			
4.	Chair/table			
5.	Computer (If appropriate)			
6.	Laboratory (If appropriate please specify)			
7.	Equipment (If appropriate please specify)			

5. List any Inadequacies:**6. Administrative Constraints****List any difficulties encountered:****7. Suggestions for Course Enhancement:**

Class size should be reduced.

Signature:

Date: