Syllabus

(2008/Fall)

Subject Number	446.326A	Class Number	001	Subject	CAD/CAM	Credit	3/3

Professor	Name : Kunwoo Lee (Professor)			Website: http://cad.snu.ac.kr/			
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	Office hour/ place : will be noticed						

1. Course Objective

In this class, fundamental issues in CAD/CAM will be covered as well as applications of these software tools in design and manufacturing. A group project will be assigned to encourage hands-on experience on product development using the knowledge of CAD/CAM systems.

2. Textbook & Reference book

Textbook: Principle of CAD/CAM/CAE System, Addison-Wesley, Kunwoo Lee
Reference: Computer graphic and CAD, Kunwoo Lee, 1994
　　　　　 SolidWorks2003 Online User's Guide

3. Evaluation

Attendance	Project	Midterm Exam	Final Exam	Attitude	Presentation	Total
7%	40%	0%	7%	0%	46%	100%

Presentation: first presentation 7%, Mid presentation 7%, Final presentation 32%

4. Course Plan

주	Contents
1	Orientation, Introduction to CAD/CAM
2	Geometric Modeling System / Solid Modeling System Practice
3	Solid Modeling System Practice
4	Geometric Modeling System / Alias Practice
5	Proposal Presentation / CosmosWorks Practice
6	Optimization / Animation Rendering Practice
7	CADCAM Integration
8	CATIA NC Practice　 / NC Theory
9	CAM Theory / Manual NC Practice
10	RP Theory / Manufacturing Practice using CAM
11	Reverse Engineering / RP Practice
12	Progress Presentation / Curve
13	Curve / Surface
14	DFX / VR.AR
15	PDM / Final Presentation

5. Notice

English Class

6. Policy on Cheating