

**University of Puerto Rico
Mayaguez Campus
Department of Electrical Engineering**

1. General Information:

COURSE NUMBER: INEL 5995 - Image Processing Fall 2002

LECTURE: Tentative: Wed. & Th 6:00 – 7:30 PM
Room S-206

PROFESSOR: **Dr. Hamed Parsiani**
Office: S-407
Office Hours: MW 10:00 AM-12:00 noon

2. Textbook, Supplies and Other Resources:

Gonzalez/ Woods, Digital Image Processing, Addison Wesley, 2001

REFERENCE: Anil K. Jain, Fundamentals of Digital Image Processing,
Prentice Hall, 1989.

3. Evaluating/ Grade Reporting:

GRADING:	2 Exams	40%
	1 Final	20%
	Projects	35%
	Participation	<u>5%</u>
		100%

Homeworks: will be assigned, and solved in the class. They will not be graded.

Projects: Groups of at least two persons will be assigned distinct project.

Project Presentation: Each group will be given 30 min. for the presentation of their project.

Other **Students Evaluation** of every project (10%)

- overall group project evaluation, by other students
- Individual participant's evaluation by other students.

Professor's evaluation of projects (25%):

- Group Collaboration (5%)
- In-depth technical presentation (10%)
- Technical Report (10%)

Participation (5%):

- Regular class attendance, enthusiasm, alertness
- Class participation [questions, and comments, during the class hours]

4. Course Outline and Schedule:

DATE	Chapters	TOPIC
Exam I	Ch. 1	Introduction
	Ch. 2	Digital Image fundamentals
	Ch. 3	Image Transforms
	Ch. 4	Image Enhancement
	Ch. 5	Image Restoration
	Ch. 6	Image Compression
Exam II		

Project Presentations**Final Exam**

Note: Materials from the reference book, and other recent publications will be included.