Instructor: Dr. Saeid Belkasim  
Suite 745 25 Park Place  
Tel: (404) 413-5728  
Email: sbelkasim@gsu.edu

Office Hours: 3:00 – 4:00 PM, MW, others by appointment.


Course Content
1. Image Processing Hardware  
2. Introduction/Digital Image Fundamentals  
3. Elements of Scene Analysis  
4. Image description and reconstruction  
5. Image segmentation  
6. Image enhancement  
7. Image transforms  
8. Image Data Compression  
9. Restoration  
10. Multiresolution Image Processing  
12. Industrial and biomedical applications

Prerequisites: CSc 3410 Data Structure

Requirements: Students are expected to attend all classes. Regular completion of, all assignments, quizzes and tests, is absolutely essential to succeed in this course.

Grading:

<table>
<thead>
<tr>
<th>CSC 4260</th>
<th>Quizzes: (15%)</th>
<th>CSC 6260</th>
<th>Quizzes: (15%)</th>
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<tr>
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<td>Assignments: (20%)</td>
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<td>Mid Terms: (30%)</td>
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<tr>
<td>Final Exam: (35%)</td>
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<td>Graduate Project: (35%)</td>
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Other policy:
The overall grade for the course is assigned according to:
A+(97-100), A(94-96), A-(90-93), B+(87-89), B(84-86), B-(80-83), C+(77-79), C(74-76), C-(70-73), D(60-69), F(0-59).
- Make-up tests or missed deadlines must be coordinated prior, and are allowed only at the instructor discretion.
- All material submitted for grade that is not the students own work must be referenced.
- Collaboration is allowed prior to preparation of actual material that is submitted for grade.
- Each student must work individually on his or her test. Any student found to be attempting to cheat on any test will receive a score of 0 for that test.
- Any attempt of getting or giving assistance in a test is considered cheating.
- It is the student's own responsibility to protect his or her work from being copied.
- No outside help is permitted.
- Plagiarized work is determined only by the instructor and is graded solely at the instructor's discretion.

Important Dates:

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<thead>
<tr>
<th>CSC4260</th>
<th>CSC6260</th>
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<tr>
<td>Mid Terms:</td>
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<tr>
<td>MT1: Wednesday September 19</td>
<td>MT1: Wednesday September 19</td>
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<td>MT2: Wednesday October 24</td>
<td>MT2: Wednesday October 24</td>
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<tr>
<td>Final Exam: Monday November 28</td>
<td>Graduate Project Presentation: Monday December 3</td>
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<td>Graduate Project due date: Wednesday December 5</td>
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All tests including the final test are taken during regular class time.  
This syllabus provides a general plan for this course; deviations may be necessary.