Department: Mathematics and Computer Sciences
Division: Computer Sciences
Level and Major: Graduate

Course Title: Special Topics (Computational Geometry 2)
Number of Credits: 3
Prerequisite: Permission Group
Lecturer:

Course Description:

Course Goals and Objectives:

Course Topics:

- Incremental algorithms Insert: Insert ordering, find convex procedure (incremental procedure),
- Monotone polygons, find polygon star shapes,
- Visibility,
- Art gallery,
- Position of a point: Add-on method of insertion by beam sending, cutting Line: Insert incremental method, polygon cutting
- Vornoi Diagram
- Robotic basics

Reading Resources:

Evaluation: