

CRN 13512: MKS 537E - Introduction to Computer Aided Engineering**Term Project**

By surveying recent literature, write a (max. 10 pages) report and prepare a 30 minute oral presentation one of these topics. Submit your report both in hard copy and pdf file format

ID	Name	Topic	Date
CAGD			
514201066	Mert Akdemir	de Casteljaou algorithm	3 December 2021
503211302	Arda Dinçdem	Weierstrass Approximation Theorem	
503201103	Alparslan Halaç	de Boor algorithm	
503191532	Fatih Sebil	Catmull-Clark algorithm	
503202031	Kemal Hasırcı	Doo-Sabin algorithm	
FDM/BEM/FEM			
503211407	Kadir Rıdvan Düzelli	Extended finite element method	10 December 2021
503201503	Batuhan Kalafatcioğlu	Boundary element method	
518201008	Dilan Yalçın	Computational Fluid Dynamics	
503211202	Anıl Türkseven	Meshless computational methods	
503211206	Eyyub Ensar Uzun	Failure mode and effects analysis	
CAPP			
503211207	Gürkan Güzel	Materials requirement planning	17 December 2021
503201221	Maide Özkan	Manufacturing resource planning	
503201529	Adem Yılmaz	Enterprise resource planning	
503201535	Gökтуğ Baz	Just in time	
503201414	Tolga Çetin	Quality Function Deployment	
CAM			
301201008	Berkay Koral	Reverse engineering	24 December 2021
503201403	Alperen Selveroğlu	Distributed & Direct Numerical Control	
503201410	Mert Mustafa Tekin	Rapid prototyping	
Data communication			
503192025	Ahmet Faruk Kurar	Product data management	24 December 2021
503191716	Mehmet Gökmen	Local Area Network	
503191224	Yunus Tüfek	Metropolitan Area Network	
503201215	Muhammet Korkmaz	Wide Area Network	
CIM			
503201711	Ersin Candan	Coordinate measuring machines	31 December 2021
503201223	Senem Özdemir	Data mining	
503212003	Gökhan Samet Korkmaz	Flexible manufacturing system	
503191502	Alperen Vergili	AGV & AS/RS	
System Simulation			
503191503	Atanur Yılmaz	Monte Carlo simulation	14 January 2022
503201504	Enzel Eryılmaz	Continuous simulation	
503201508	Gökberk Mutlu	Discrete Event simulation	
511191211	Lütfullah Taha Halıcı	Multi-agent simulation	