

Joint master degree program in: “Jet engine advanced manufacturing technology”
between KNTU & MAI

Semester	In university	Courses
1	KNTU	1- Advanced Engineering Mathematics 2- Turbomachinery 3- Certification and quality control of Aircraft engines development 4- Aerospace & High-Technology Management 5- Russian language 6- An Introduction to Aerospace Engineering (جبرانی)
2	MAI	1- Plasma technologies of surface processing and functional coatings 7- Quality of the surface layer 8- Organizational & Economic Basis of Innovational Processes 9- Modern Problems of Aircrafts Engines Development 10- Electrophysical Methods of Processing 11- Perspective Constructions and Aircraft Engines Design 12- Perspective Constructions and Turbomachines Design 13- Practical Training 14- Scientific Research work in a Semester 15- Foreign Language(Russian language)
3	MAI	1- Composites for Perspective applications: features, technology, design and analysis 2- Modern and Perspective methods of processing and Shaping 3- Philosophy and Methodology of Science and Engineering 4- Scientific Workshop on Aircraft and Spacecraft Engines 5- Information Technologies of Product Life Cycle Management 6- CALS Technologies

		<ul style="list-style-type: none"> 7- Practical Training 8- Scientific Research work in a Semester 9- Foreign Language(Russian language)
4	MAI	<ul style="list-style-type: none"> 1- Scientific Seminar in Spacecraft design 2- Perspective Technologies of Automatic Production of Aircraft 3- Perspective Methods of Automation and Mechanization of Production 4- Undergraduate Practice 2- Scientific Research work in a Semester 5- Final Examination