

Level One ; Semester one & Two

Semester	No.	Module Code	Course Title	Language	ECTS
One	1	NTU 100	Democracy and Human Rights	Arabic	2.00
	2	NTU 101	English Language	English	2.00
	3	TEMO 100	Mathematics Principles	English	7.00
	4	TEMO 101	Electrical Technology	English	6.00
	5	TEMO 102	Workshop	Arabic	6.00
	6	AM 100	Mechanical Engineering / Statics 1	English	7.00
					30.00
Semester	No.	Module Code	Course Title	Language	ECTS
Two	1	NTU 102	Computer Principles	English	3.00
	2	NTU 103	Arabic Language	Arabic	2.00
	3	TEMO 103	Engineering Drawing/ Autocad 2D	English	7.00
	4	AM 101	Mechanical Engineering / Statics 2	English	7.00
	5	AM 102	Thermodynamics Principles	English	7.00
	6	AM 103	Occupational Safety	Arabic	4.00
					30.00

Level Two; Semester Three & Four

Semester	No.	Module Code	Course Title	Language	ECTS
Three	1	NTU 203	Crimes of the Ba'ath Regime in Iraq	Arabic	2.00
	2	TEMO 200	Mathematics	English	7.00
	3	AM 200	Engineering Materials	English	7.00
	4	AM 201	Mechanical Engineering / Dynamics 1	English	7.00
	5	AM 202	Mechanical Drawing/ Autocad 3D	English	7.00
					30.00
Semester	No.	Module Code	Course Title	Language	ECTS
Four	1	TEMO 201	Electric and Electronic Engineering	English	7.00
	2	AM 203	Strength of Materials	English	7.00
	3	AM 204	Fluid Mechanics	English	7.00
	4	AM 205	Computer Applications 1/ Solid work	English	7.00
	5	NTU 204	Professional Ethic	Arabic	2.00
					30.00

Level Three ; Semester Five & Six

Semester	No.	Module Code	Course Title	Language	ECTS
Five	1	AM 300	Numerical & Engineering Analysis	English	6.00
	2	AM 301	Computer Applications 2/ Ansys	English	6.00
	3	AM 302	Vibration	English	6.00
	4	AM 303	Metal Forming	English	6.00
	5	AM 304	Technology of Materials	English	6.00
					30.00
Semester	No.	Module Code	Course Title	Language	ECTS
Six	1	AM 305	Machine Design	English	6.00
	2	AM 306	Manufacturing Processes	English	6.00
	3	AM 307	Measurement Systems	English	6.00
	4	AM 308	Theory of Machine	English	6.00
	5	AM 309	Computer Applications 3/ MATLAB	English	6.00
					30.00

Level Four; Semester Seven & Eight

Semester	No.	Module Code	Course Title	Language	ECTS
Seven	1	NTU 400	Research Methodology	English	2.00
	2	AM 400	Control systems	English	7.00
	3	AM 401	Programming Language	English	7.00
	4	AM 402	Industrial Automation	English	7.00
	5	AM 403	Hydraulic and Pneumatic systems	English	7.00
					30.00
Semester	No.	Module Code	Course Title	Language	ECTS
Eight	1	TEMO 400	Project 1	English	2.00
	2	TEMO 401	Engineering and Industrial Management	English	7.00
	3	AM 404	Design of Robot Arms	English	7.00
	4	AM 405	CAD/CAM	English	7.00
	5	AM 406	Systems Modeling and Simulation	English	7.00
					30.00