



## Vehicle Systems Engineering

### Advanced Diploma / Diploma of Higher Education (DipHE)

<b>Duration</b>	2 years	<b>OQF Level</b>	7
<b>Study type</b>	Full-time	<b>UK FHEQ Level</b>	5

#### Advanced Diploma Year 1

<b>Semester 1</b>		<b>Credits</b>	<b>Semester 2</b>		<b>Credits</b>
MTCM4007	Mechanical Principles	20	MTCM4006	Thermal Systems Engineering 1	20
MTCM4035	Applied Engineering Systems	20	MTCS4001	Engineering Mathematics 2	20
MTCS4001	Engineering Mathematics 2	20	MTCS4027	Engineering Design	20
MTCS4027	Engineering Design	20	MTCS4036	Mechanical Engineering Design	20
TNASV4001	Vehicle Engineering	-	TNASV4001	Vehicle Engineering	-

#### Advanced Diploma Year 2

<b>Semester 1</b>		<b>Credits</b>	<b>Semester 2</b>		<b>Credits</b>
MTCM5004	Thermal Systems Engineering 2	20	MTCS5002	Power Generation and Distribution	20
MTCS5005	Instrumentation and Control	20	MTCS5003	Engine and Transmission Systems	20
MTCS5011	Vehicle Structural Systems	20	MTCS5012	Intra-disciplinary Group Design Project	50
TNASV5001	Vehicle Engineering	-	TNASV5001	Power Engineering	-

