Classification		Machinery/Materials	Electricity/Electronics	Control	Software	Information	Production engineering
Selective	One-on-one lesson	Thermal fluid · Wear/lubrication · Vibration/noise · Structure/fatigue		Control technology		Machine learning	
General practice	Experiment/measurement	Basic of vibration measurement · Strength of Materials laboratory · CAE laboratory(fluid) · CAE laboratory (structure) · CAE laboratory (heat transfer) · Request points for CAE · CAE laboratory (vibration)					
General practice	Practice	StructureCAE (ANSYS) · Tolerance design/Analysis technology · StructureCAE For designers(SW) · Design and construction management welding technology · Measures against Metal corrosion · Thermal fluid CAE · Structure CAE II (FEM) · Thermal fluid CAE for designers · Structure CAE I (FEM) · How to read product drawing	Measures against noise · Operational amplifier circuit · FPGA development technology · IoT application development technology	Practical control · Electrical practice PLC II · Electrical practice PLC I · Electrical practice INV/servo	Structured analysis (robot) · Structured modeling-dynamic · Structured modeling-static · Basic design techniques for new learners · USDM · Microcomputer control · Architect training · Architecture design practice	Image processing · Image recognition practice · Deep learning practice · Machine learning practice · Data Analysis Practice	Welding technology · Cutting · Measurement technology · Jig design · Painting technology · SHIPS field training · SHIPS own workplace practice
General classroom lectures	Lectures	Vibration engineering II · Tribology Basics · Noise prevention · Analysis of faulty products · Vibration engineering I · Fatigue design of steel structures · Strength of materials · Heat transfer engineerring · Design applications of structural CAE			Architecture design basics · Software testing basics · Introduction to engineering II · Introduction to engineering I	Basic Data Analysis	Casting technology · SHIPS classroom lecture
General classroom lectures		Basic quality engineering					
General classroom lectures	E-learning	Metal materials science · Industrial mechanics · Dynamics of machinery · Mechanics · Fluid mechanics · Strength of materials	Electric circuit · Electronic circuit	Control engineering		Introduction to Python · Deep learning · Machine learning	