



Jskills

Johor Skills
Development Centre

owned by **JCORP**
Johor Corporation

PROGRAMMES OFFERED IN 2025

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 [Johor Skills Development Centre](#)

JOHOR SKILLS DEVELOPMENT CENTRE (JOHOR SKILLS) commenced in 1994 at the Pasir Gudang industrial area, owned by Johor Corporation. Its primary objective is to develop a skilled and semi-skilled workforce by offering Technical and Vocational Education Training (TVET) and upskilling programmes. These initiatives are designed to equip future workers, particularly in blue-collar sectors, with the necessary skill.

VISION

“The best skills development centre
for the industry in the region”

MISSION

Providing skilled workers on demand,
relevant to industry needs.

WHY CHOOSE JSkills?

✓ Expert-Led Training

Our trainings are conducted by certified and highly experienced instructors, ensuring top-quality training with industry-recognised credentials.

✓ Prestigious Certifications

Our training programmes offer certifications from esteemed bodies like Suruhanjaya Tenaga (ST), Gamasky, FESTECH, TWI and many more, boosting employability and industry trust.

✓ Industry-Ready Graduates

Our graduates receive strong technical and soft skills after completed the trainings, making them confident and well-prepared to excel in their careers.

✓ Proven Success

We consistently receive positive feedback, highlighting significant personal and professional growth through our training programmes.

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IN 2027

- Leading Industries**
- ✓ Manufacturing
 - ✓ Energy, Electrical & Electronics
 - ✓ Digital & Technology
 - ✓ Industrial Safety & Health

- Increasing Participation**
- » 10,000 participants annually, fostering skilled professionals to meet industry needs.

- ITE-Validated Programmes**
- » Meet the highest standards of quality, relevance and industry alignment

- Improved Infrastructure & Facilities**
- » Redesigning classrooms and lecture halls
 - » Enhanced laboratories and workshops

- New Data Centre at IBTEC (Sedenak)**
- » Specialised training in Electrical & Electronics and IT

OUR COLLABORATION

INDUSTRY



ACADEMY



GOVERNMENT AGENCIES



CERTIFICATION BODIES



TECHNICAL UPSKILLING

AUTOMATION TECHNOLOGY

CODE	COURSE TITLE	DAY	EST COST (RM)
IAT1400	INDUSTRIAL PNEUMATICS & ELECTRO PNEUMATICS	3	1,500
IAT300	ADVANCED ELECTRO-PNEUMATICS	3	1,800
IAT400	PLC MITSUBISHI GX-DEVELOPER SOFTWARE	3	2,500
IAT600	PLC OMRON WITH CX-PROGRAMMER	3	1,500
IAT800	PLC SIEMENS SIMATIC S7-300	3	1,800
IAT1100	SENSOR IN INDUSTRIAL AUTOMATION	2	1,400
IAT1200	PLC SIEMENS S7-1200 WITH TIA	3	2,200
IAT1500	PLC KEYENCE KV STUDIO V7I	3	1,800
IAT1600	INDUSTRIAL HYDRAULICS & ELECTRO-HYDRAULICS	4	2,100
IAT1300	ROBOT ARM MITSUBISHI	3	2,500
PFT100	MOTOR 3 PHASE CONTROL SYSTEM INTEGRATION with PLC OMRON FESTECH	90	4,500

MAINTENANCE TECHNOLOGY

CODE	COURSE TITLE	DAY	EST COST (RM)
MTT100	MACHINE MAINTENANCE (MECHANICAL)	5	1,700
MTT400	LUBRICANT AND ITS APPLICATIONS	2	1,050
MTT500	BEARING MAINTENANCE	2	1,200
MTT600	PUMP MAINTENANCE	3	1,900
MTT700	COMPRESSOR MAINTENANCE	3	1,900
MTT1100	BASIC BOILER TECHNOLOGY	3	1,800
MTT1200	ADVANCED BOILER TECHNOLOGY	3	1,800
MTT1300	MAINTENANCE AND SERVICING STEAM BOILER	4	2,130
MTT400	ALIGNMENT PRINCIPLES AND TECHNOLOGY	3	1,800
MTT1600	STEAM PLANT ENGINEER – BOILER APPRENTICE □ • BASF	10	5,500
MTT700	STEAM PLANT ENGINEER □ • BASF	60	13,100

AUTOCAD/CADCAM










CODE	COURSE TITLE	DAY	EST COST (RM)
CAD200	AUTOCAD FOR MECHANICAL	3	1,200
CAD300	AUTOCAD FOR ELECTRICAL	3	1,200
CCAM100	NX BASIC DESIGN	2	1,800
CCAM200	NX DESIGN ESSENTIALS TRAINING	4	2,100
CCAM300	NX DRAFTING ESSENTIALS TRAINING	2	1,800
CCAM400	NX MANUFACTURING FUNDAMENTALS	3	1,950
CCAM500	NX FIXED-AXIS AND MULTI-AXIS MILLING	3	2,100
CCAM600	BASIC AND INTERMEDIATE NX 12 CADCAM	4	2,750
CCAM700	ADVANCED NX 12 CADCAM	4	3,250

*Sales & Services Tax (SST 8%) will be imposed to all programmes

*Course listing and prices are subject to change

TECHNICAL UPSKILLING

ELECTRICAL TECHNOLOGY

CODE	COURSE TITLE	DAY	EST COST (RM)
ELC101	BUILDING WIRING AND DOMESTIC INSTALLATION- BASIC	3	1,550
ELC102	BUILDING WIRING AND DOMESTIC INSTALLATION- INTERMEDIATE	3	1,600
ELC103	BUILDING WIRING AND DOMESTIC INSTALLATION- ADVANCED	3	1,650
ELC200	INDUSTRIAL WIRING AND INSTALLATION	3	1,500
ELC300	ELECTRICAL MEASURING EQUIPMENT AND TESTING FOR INSTALLATION	2	1,250
ELC400	LV STANDBY GENERATOR SYSTEM AND OPERATION MAINTENANCE	2	1,250
ELC501	ELECTRICAL MACHINE AND MOTOR- BASIC	2	1,250
ELC502	ELECTRICAL MACHINE AND MOTOR- INTERMEDIATE	2	1,300
ELC503	ELECTRICAL MACHINE AND MOTOR- ADVANCED	3	1,650
ELC600	MOTOR CONTROL (FULL VOLTAGE STARTER)	2	1,250
ELC700	MOTOR CONTROL (REDUCE VOLTAGE STARTER)	3	1,500
ELC800	INTERGRATION PLC WITH MOTOR CONTROL	3	1,500
ELC900	LV MAIN SWITCHBOARD INSTALLATION REQUIREMENT AND COMMISSIONING	2	1,450
ELC1000	LV MAIN SWITCHBOARD MAINTENANCE, SERVICING AND TESTING PROCEDURE	2	1,450
ELC1100	LOW VOLTAGE PROTECTION EQUIPMENT AND CALIBRATION	2	1,250
ELC1200	AIRCONDITIONING MECHANICAL VENTILATION DOMESTIC - ACMV	2	1,450
ELC1300	HEATING VENTILATION AIRCONDITIONING FOR INDUSTRIAL BUILDING	2	1,450
ELC1500	SINGLE PHASE WIREMAN WITH ENDORSAN COMPETENCY - PW2 (240 hours) 	180	3,100
ELC1600	LOW VOLTAGE ELECTRICAL CHARGEMAN - AO (480 hours) 	180	3,900
ELC1700	ELECTRICAL FOR NON-ELECTRICAL ENGINEER	2	1,450
ELC1800	BUILDING AUTOMATION SYSTEM INSTALLATION (KNX) 	4	2,400
ELC1900	BASIC ELECTRICAL CIRCUIT FAULTY TROUBLESHOOTING	2	1,250
ELC2000	INTERMEDIATE ELECTRICAL CIRCUIT FAULTY TROUBLESHOOTING	2	1,450
ELC2100	ELECTRICAL ENGINEERING DESIGN 	3	1,550
ELC2200	BUILDING OPERATION MAINTENANCE 	4	3,000
ECL2300	UNDERGROUND CABLES UP TO 33KV 	3	3,500
ECL2400	APPLICATION OF ESAH 	2	2,500
ECL2500	AMALAN RINTANGAN KABEL HINGGA 33KV 	3	4,500
ECL2600	HAZARD IDENTIFICATION RISK ASSESSMENT AND RISK CONTROL (HIRARC) 	2	1,500

INDUSTRIAL ELECTRONIC

CODE	COURSE TITLE	DAY	EST COST (RM)
IE200	EFFECTIVE SOLDERING TECHNIQUE	2	1,050
IE300	ELECTRONIC DIGITAL	3	1,500
IE500	ELECTRO STATIC DISCHARGE (ESD)	2	1,150
IE600	ELECTRONIC INDUSTRY	4	1,600

CALIBRATION AND INSTRUMENTATION TECHNOLOGY







CODE	COURSE TITLE	DAY	EST COST (RM)
CIT100	INSTRUMENT & MEASUREMENT IN PRESSURE TECHNOLOGY	3	1,900
CIT200	INSTRUMENT & MEASUREMENT IN MECHANICAL TECHNOLOGY	3	1,900
CIT300	INSTRUMENT & MEASUREMENT IN TEMPERATURE TECHNOLOGY	3	1,900

TECHNICAL UPSKILLING

CNC MACHINING

CODE	COURSE TITLE	DAY	EST COST (RM)
CNC200	BASIC & INTERMEDIATE CNC MILLING OPERATIONS	4	1,325
CNC210	VERTICLE MILLING MACHINE OPERATION	3	1,400
CNC300	BASIC & INTERMEDIATE CNC LATHE OPERATIONS	4	1,800
CNC301	LATHE MACHINE OPERATION	3	1,700
CNC400	MILLING MACHINE OPERATION	3	1,400
CNC500	MAZAK MULTI-AXIS INTERMEDIATE	3	1,950
CNC600	MAZAK MULTI-AXIS ADVANCE PROGRAMMING	4	2,120
CNC700	SURFACE GRINDING MACHINE	1	850


WELDING TECHNOLOGY

CODE	COURSE TITLE	DAY	EST COST (RM)
WELDING PROCESS TECHNOLOGY			
WLD100	WELDING TECHNOLOGY	4	1,600
WLD201	MANUAL METAL ARC WELDING LEVEL I	5	1,700
WLD202	MANUAL METAL ARC WELDING LEVEL II	5	1,750
WLD203	MANUAL METAL ARC WELDING LEVEL III	5	1,750
WLD401	GAS TUNGSTEN ARC WELDING (CARBON STEEL)	5	1,700
WLD402	GAS TUNGSTEN ARC WELDING (STAINLESS STEEL)	5	1,800
WLD403	GAS TUNGSTEN ARC WELDING (ALUMINIUM)	5	1,800
PFT500	WELDING PROCESS TECHNOLOGY	90	4,790
NON-DESTRUCTIVE TESTING (NDT)			
WLD701	WELDING INSPECTOR 3.0 	3	5,000
WLD702	WELDING INSPECTOR 3.1 	7	11,000
WLD800	ULTRASONIC TESTING 	13	16,000
WLD900	RADIOGRAPHIC INTERPRETATION 	7	9,300
WLD1200	PENETRANT TESTING 	5	9,100
WLD1300	MAGNETIC PARTICLE TESTING 	5	9,100
WLD1400	PENETRANT TESTING (PT) SKM-NDT LEVEL 1	12	2,250
WLD1401	PENETRANT TESTING (PT) SKM-NDT LEVEL 2	12	3,700
WLD1402	PENETRANT TESTING (PT) SKM-NDT DIRECT ACCESS (LEVEL 1 & 2)	14	4,500
NON-DESTRUCTIVE TESTING (NDT)			
WLD1500	INTRODUCTION TO SSBA	2	1,000
WLD1600	INTRODUCTION UNDERWATER WELDING	2	1,000
WLD1700	COMPETENT UNDERWATER WELDING (SKM)	2	6,000
WLD1800	COMPETENT UNDERWATER WELDING (BV)	5	15,000
WLD1900	COMPETENT AIR DIVING SUPERVISOR	3	7,500
WLD2000	COMMERCIAL AIR DIVER	8	13,500
WLD2100	INTRODUCTION TO SURFACE SUPPLIED BREATHING APPARATUS (SSBA) + INTRODUCTION TO UNDERWATER WELDING	4	2,000
WLD2200	BASIC DRY WELDING + COMPETENT UNDERWATER WELDING (BV) + COMPETENT AIR DIVER LEVEL 2	20	28,000
WLD2300	COMPETENT AIR DIVER LEVEL 2 + COMPETENT COMMERCIAL AIR DIVING SUPERVISOR	14	17,000



DIGITAL UPSKILLING

INFORMATION AND COMMUNICATION TECHNOLOGY








CODE	COURSE TITLE	DAY	EST COST (RM)
ICT200	MICROSOFT WORD	2	560
ICT300	MICROSOFT EXCEL	2	560
ICT400	MICROSOFT POWER POINT	2	560
ICT600	ADVANCED MICROSOFT WORD	2	750
ICT700	ADVANCED MICROSOFT EXCEL	2	750
ICT800	ADVANCED MICROSOFT POWER POINT	2	750
ICT1700	MICROSOFT OFFICE APPLICATION	4	1200
ICT1900	INTERACTIVE REPORT USING MS OFFICE APPLICATION	2	900
ICT2000	EXCEL DASHBOARD	2	900
ICT2100	INTEGRATED EXCEL (ANALYSIS AND REPORTING)	2	900
ICT2200	GOOGLE SHEETS FOR BEGINNER	2	560
ICT2300	CANVA FOR BEGINNER	2	560
ICT2400	DATA CENTER PRE-EMPLOYMENT TRAINING PROGRAM 	30	15,000

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LONG TERM PROGRAMMES

PROGRAMME FUTURE WORKERS – LEPASAN SISWAZAH

1	WELDING INSPECTION 
2	NDT INSPECTION 
3	AUTO UT-PHASED ARRAY 
4	PAINTING AND CORROSION INSPECTION 
5	SAFETY AND HEALTH OFFICER 
6	ENGINEERING OPERATION AND MAINTENANCE 
7	STEAM PLANT ENGINEER 
8	OIL & GAS ELECTRO-MECHANICAL & INSTRUMENTATION
9	PEMBANGUNAN SISTEM KEJURUTERAAN AUTOMASI INDUSTRI [MC-091-5:2016]
10	PENGURUSAN PEMBUATAN (CAD/CAM) [MC-050-5:2012]

PROGRAMME FUTURE WORKERS – LEPASAN SEKOLAH

1	PROSES KIMPALAN ARKA KEPINGAN LOGAM (MC-024-3:2012)
2	OPERASI PENYELENGGARAAN INDUSTRI (ME-010-3:2012)
3	OPERASI PEMESINAN (MC-050-3:2015)
4	PEMASANGAN DAN PENYELENGGARAAN ELEKTRIK- SATU FASA (EE-320-2:2012)
5	PEMASANGAN DAN PENYELENGGARAAN ELEKTRIK- TIGA FASA (EE-320-3:2012)
6	PEMASANGAN SISTEM KEJURUTERAAN AUTOMASI INDUSTRI [MC-091-3:2016]

HUMAN CAPITAL UPSKILLING

INDUSTRIAL ENGINEERING/OSH

CODE	COURSE TITLE	DAY	EST COST (RM)
EIG100	OCCUPATIONAL SAFETY AND HEALTH OFFICER	3	1,200
EIG200	BASIC FIRST AID	3	1,275
EIG300	EFFECTIVE SUPERVISORY MANAGEMENT	2	1,250
EIG400	INDUSTRIAL SAFETY AND HEALTH ENVIRONMENT	2	1,150
EIG500	INDUSTRIAL ERGONOMICS	2	1,000
EIG600	SAFE HANDLING OF FORKLIFT	2	1,000
EIG700	AUTHORISED GAS TESTER	2	1,000
EIG800	CONFINED WORK SAFETY	2	1,000
EIG900	SAFETY AUDIT	2	1,250
EIG1000	BASIC FIRE FIGHTING SQUAD	2	950
EIG1100	FIRE INDUCTION	2	950
EIG1200	EMERGENCY RESPONSE PLAN	2	1,200
EIG1300	SAFE HANDLING OF FORKLIFT-REFRESHER	1	550
EIG1400	ORDER PICKER TRUCK TRAINING	2	1500
EIG1500	SCISSOR LIFT TRAINING	2	1500
EIG1600	SAFE HANDLING OF REACH TRUCK & POWER PALLET	2	1500
EIG1700	OVERHEAD CRANE SAFETY	2	1500

SOFT SKILLS PROGRAMMES

CODE	COURSE TITLE	DAY	EST COST (RM)
OTH200	FACTORY MANAGEMENT	2	900
OTH300	TOTAL QUALITY MANAGEMENT	2	900
OTH400	PRODUCTION PLANNING AND CONTROL	2	900
OTH500	JUST IN TIME	2	900
OTH600	HOUSEKEEPING - 5S	2	900
OTH700	GEMBA KAIZEN AND CONTINUOUS IMPROVEMENT	2	900
OTH1400	PENGURUSAN KEWANGAN STRATEGIK	3	1250
OTH1500	PENYEDIAAN RANCANGAN PERNIAGAAN	3	1250
OTH1600	MOTIVASI DAN PENINGKATAN KUALITI	3	1250
OTH1700	KEFAHAMAN PENYATA KEWANGAN	2	1150
OTH2600	FINANCE MANAGEMENT FOR NON-FINANCIAL MANAGERS	2	1150

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SCAN QR CODE
TO REGISTER

