

Sector Name: Aesthetics, Health Care and Services Sector			
Sr. #	Trade Name	Duration	Minimum Student Entry Level
1	Assistant Technician (Orthotics and Prosthetics)	6 Months	Matric
2	Auto Electrician	6 Months	Matric (Science)
3	Auto Mechanic	6 Months	Matric (Science)
4	Automotive Mechatronics	6 Months	Matric (Science)
5	Makeup artist	3 Months	Middle
6	Nail Artist	3 Months	Middle
7	Hair Technician	6 Months	Middle
8	Barber	3 Months	Middle
9	Beauty / Skin Therapist	6 Months	Matric
10	Care Worker	6 months	Matric (Bio Science)
11	Ceramics Manufacturing	6 Months	Middle
12	Computer Applications (Jaws Software)	3 Months	Middle
13	Computerized Brail Composition	3 Months	Middle
14	Creative Arts (Fine Arts)	6 Months	Matric
15	Domestic Electrical Appliances Technician	6 Months	Middle
16	Domestic Worker	3 Months	literate
17	Early Childhood Education	3 months	Matric
18	Gym / Fitness Trainer	3 months	Matric
19	Hi-tech Automotive Technician	6 Months	Matric (Science)
20	Home Appliance Repair & Maintenance	6 months	Middle
21	Mobile Phone Repairing	3 months	Matric
22	Motorcycle Mechanic	6 Months	Matric
23	Offset Printing	6 Months	Matric
24	Overhead Crane Operator	3 Months	Matric
25	Post Printing Operations	6 Months	Middle
26	Printing & Packaging Technology	3 months	Matric
27	Security Guard	3 months	Middle
28	Sports Trainer	3 months	Matric
29	Heavy Machine Mechanic	6 Month	Matric
30	Basic Passenger Handling & Airport Services	3 Months	Intermediate
31	Basic Cargo Handling and Sales Management	3 Months	Intermediate
32	Basic Cabin Crew	3 Months	Intermediate
Sector Name: Agriculture & Livestock			
Sr. No.	Trade Name	Duration	Minimum Student Entry Level
1	Agri-Business	3 Months	Matric
2	Agriculture Farm Manager	6 Months	Intermediate
3	Agriculture soil and water testing	6 Months	Matric
4	Animal Disease Control	3 Months	Matric
5	Applied GIS (Geographic Information System)	3 Months	Intermediate (FSC / ICS)
6	Artificial Insemination	6 Months	Matric (Science)
7	Dairy farm manager and dairy business	3 Months	Matric
8	Date Processing	3 Months	Middle
9	Digital and Precision Agriculture	3 Months	Intermediate (FSC / ICS)
10	Fish Farming	3 Months	Middle
11	Fruit Plants Pruning, Budding & Layering Techniques	3 Months	Matric
12	Honey bee farm manager	3 Months	Middle
13	Hydroponic Farming	3 Months	Matric
14	Integrated Pest Management	6 Months	Matric
15	Kitchen Gardening	3 Months	Matric
16	Livestock Manager	6 Months	Middle
17	Mushroom cultivation	3 Months	Matric
18	Pesticide and fertilizer technician	6 Months	Middle
19	Poultry farm manager	3 Months	Middle
20	Poultry housing and management	3 Months	Matric
21	Tissue Culture	3 Months	Intermediate
22	Tractor Driver and Mechanic	6 Months	Matric
23	Tunnel Farming	3 Months	Matric

24	Veterinary, Poultry & Dairy Assistants	3 Months	Matric (Science)
Sector Name: Construction with Electrical Energy			
Sr. No.	Trade Name	Duration	Minimum Student Entry Level
1	General Electrician	6 Month	Middle
2	Scaffolding	6 Month	Primary
3	Shuttering Carpenter	6 Month	Primary
4	Duct Fabricator	6 Month	Primary
5	Steel Fixer	6 Month	Middle
6	Mason	6 Month	Primary
7	Building Painter	6 Month	Primary
8	Sheet Metal Technology	6 Month	Primary
9	Heating Ventilation, Air Conditioning & Refrigeration (HVACR)	6 Month	Middle
10	Plumber/ Pipe Fitter	6 Month	Middle
11	Construction Material Testing Technician	6 Month	Matric (Science)
12	Interior Designing	6 Month	Intermediate
13	Advance Survey (Civil)	6 Months	Intermediate
14	Fiber Optic Technician	3 Months	Matric
15	Advanced Electronics & PCB Design	3 Months	Matric (Science)
16	Advance Embedded system	6 Months	Matric
17	Advanced Electrical Power System	6 Months	DAE (Electrical/ Electronics)
Sector Name: Banking & Finance Sector			
Sr. No.	Trade Name	Duration	Minimum Student Entry Level
1	AI for Banking	2 Months	Bachelor in Commerce/Economics/Statistics/Banking/Finance/ACCA/ CS/IT/Maths/ICMA inter/CA Inter/PIPPFA/BBA/ AI/Fintech/Banking & Finance/Accounting & Finance/ Business Analytics
2	AI for Financial Institutes	2 Months	Bachelor in Commerce/Economics/Statistics/Banking/Finance/ACCA/ CS/IT/Maths/ICMA inter/CA Inter/PIPPFA/BBA/ AI/Fintech/Banking & Finance/Accounting & Finance/ Business Analytics
3	AI-Enabled Data Analysis for Accountants & Auditors	2 Months	Bachelor in Commerce/Economics/Statistics/Banking/Finance/ACCA/ CS/IT/Maths/ICMA inter/CA Inter/PIPPFA/BBA/ AI/Fintech/Banking & Finance/Accounting & Finance/ Business Analytics
4	Anti-Money Laundering	2 Months	Bachelor in LLB/ AI/ Commerce/Economics/statistics/Banking/Finance/ACCA/ CS/IT/Maths/ICMA inter/CA Inter/PIPPFA/BBA/ Fintech/Banking & Finance/Accounting & Finance/ Business Analytics

5	Cyber Security for Financial Institutions	2 Months	Bachelor in LLB/ AI/ cyber security/information security/Commerce/Economics/Statistics/Banking/Finance/ACCA/CS/IT/Maths/ICMA inter/CA Inter/PIPPA/BBA/ Fintech/Banking & Finance/Accounting & Finance/ Business Analytics
6	Data Analysis using Python	2 Months	Bachelor in Commerce/Economics/Statistics/Banking/Finance/ACCA/CS/IT/Maths/ICMA inter/CA Inter/PIPPA/BBA/ AI/Fintech/Banking & Finance/Accounting & Finance/ Business Analytics
7	Diploma in Financial Market (software-based)	4 Months	Bachelor in Commerce/Economics/Statistics/Banking/Finance/ACCA/CS/IT/Maths/ICMA inter/CA Inter/PIPPA/BBA/ AI/Fintech/Banking & Finance/Accounting & Finance/ Business Analytics
8	Introduction to Financial Market	4 Months	Bachelor in Commerce/Economics/Statistics/Banking/Finance/ACCA/CS/IT/Maths/ICMA inter/CA Inter/PIPPA/BBA/ AI/Fintech/Banking & Finance/Accounting & Finance/ Business Analytics
9	Investing in Stock Market	2 Months	Bachelor in Commerce/Economics/Statistics/Banking/Finance/ACCA/CS/IT/Maths/ICMA inter/CA Inter/PIPPA/BBA/ AI/Fintech/Banking & Finance/Accounting & Finance/ Business Analytics
10	Microsoft Power BI	2 Months	Bachelor in Commerce/Economics/Statistics/Banking/Finance/ACCA/CS/IT/Maths/ICMA inter/CA Inter/PIPPA/BBA/ AI/Fintech/Banking & Finance/Accounting & Finance/ Business Analytics
11	MS Power Bi & Data Analyst Professional Certificate	2 Months	Bachelor in Commerce/Economics/Statistics/Banking/Finance/ACCA/CS/IT/Maths/ICMA inter/CA Inter/PIPPA/BBA/ AI/Fintech/Banking & Finance/Accounting & Finance/ Business Analytics
12	SAGE (Financial Software)	2 Months	B.Com, IT, BS (AI), BS Physics, BBA, BS Math, M.Com, MBA, ICMA inter, CA-inter and PIPFA qualified.

13	TALLY	2 Months	B.Com, IT, BS (AI), BS Physics, BBA, BS Math, M.Com, MBA, ICMA inter, CA-inter and PIPFA qualified.
14	Valuation of Companies: IOPs, Mergers, Acquisitions & Corporate Restructuring	2 Months	Bachelor in Commerce/Economics/statistics/Banking/Finance/ACCA finalist / CS/IT/Maths/ICMA inter/CA Inter/PIPFA/BBA/ Fintech/Banking & Finance/Accounting & Finance/ Business Analytics
Sector- Driving (LTV,HTV,HMO)			
Sr. No.	Trade Name	Duration	Minimum Student Entry Level
1	HTV Driver	3 Months	Middle
2	LTV Driver	3 Months	Middle
3	Motor Bike Rider	3 Months	Middle
Heavy Machinery Operator (HMO)			
			Minimum Student Entry Level
4	Bulldozer and Motor Grader Operator	3 Months	Middle
5	Excavator and wheel Operator	3 Months	Middle
6	Mobile Crane Operator	3 Months	Middle
7	Road Roller and Fork Lifter	3 Months	Middle
Sector Name: Hospitality and Tourism			
Sr. No.	Trade Name	Duration	Minimum Student Entry Level
1	Restaurant Manager	6 Months	Intermediate
2	Front Office Operations	6 Months	Intermediate
3	Event Management (Catering / Cooking)	6 Months	Intermediate
4	Food and Beverage Services	6 Months	Matric
5	Culinary Arts	6 Months	Matric
6	Professional Cook	6 Months	Matric
7	Domestic Cook	3 Months	Middle
8	Baking & Pastry	6 Months	Matric
9	Barista Skills	3 Months	Matric
10	Food Technology (Preservation and Processing)	6 Months	Intermediate
11	Food Packaging and Quality Control	6 Months	Intermediate
12	Basic House Keeping	3 Months	Matric
13	High Altitude Porter (Mountaineering)	6 Months	Middle
14	Travel and Tourism Manager Program	6 Months	Intermediate
Sector-Information Technology (IT)			
High-Tech			
Sr. No.	Trade Name	Duration	Minimum Student Entry Level
1	Advance Web application Development	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
2	Advanced Python Programming & Applications	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
3	Android Java	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths

4	Artificial Intelligence (Machine Learning; Deep Learning; Communication)	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
5	Artificial Intelligence (Robotics)	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
6	Big Data Analytics Techniques	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
7	Block Chain Programming	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
8	Cloud Computing - AWS	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
9	Cloud Computing - Google	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
10	Cloud Computing - Microsoft	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
11	Cyber Security (CEH)	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
12	Data Mining / Business Intelligence	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
13	Digital Forensic & Cyber Security	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths

14	Docker Certified Associate	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
15	Google UX Design	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
16	Internet of Things (IOT) system development and Application	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
17	JavaScript Full stack (e.g. MEAN/MERN)/	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
18	Microsoft .Net + Angular / React	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
19	Microsoft Dynamics 365	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
20	Network Administrator (CISCO, HUAWEI, IBM)	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
21	Database Administration (Oracle DBA Track)	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
22	Oracle Java+ Angular	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
23	Salesforce Certified Administrator	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths

24	Unity Certified Game Development	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
25	Unreal Engine Certification	3 Months	Bachelor in IT/ CS/ Maths/Statistics/Economics/Physics or Bachelor of Engineering or 5th Semester students enrolled in HEC approved degree program in IT/CS/MIS/Stats/Maths
High-End			
26	3D Animation (Realistic rendering)	3 Months	Intermediate
27	3D Animation VR & Simulation	3 Months	Intermediate
28	Advanced CAD/CAM	3 Months	Intermediate
29	Amazon Virtual Assistant	3 Months	Intermediate
30	Certificate in IT (Web Development)	3 Months	Intermediate
31	Certificate in Office Management	3 Months	Intermediate
32	Digital Marketing & Search Engine Optimization (SEO)	3 Months	Intermediate
33	Documentary & Film Making (Digital Broadcasting)	3 Months	Intermediate
34	eCommerce	3 Months	Intermediate
35	Graphic Design (Print Media)	3 Months	Intermediate
36	Graphic Design (UI/UX)	3 Months	Intermediate
37	Graphic Design and Video Editing	3 Months	Intermediate
38	Mobile Application Development	3 Months	Intermediate
39	Professional Photography, Documentary Ad Making	3 Months	Intermediate
40	System Administration and IT Infra-structure Services	3 Months	Intermediate
Sector Name: Languages			
Sr. No.	Trade Name	Duration	Minimum Student Entry Level
1	Korean Language (EPS/ TOPIK Level-1)	3 Months	Matric OR 3 Months Vocational Certificate
2	Japanese Language (JLPT N5 (Cert))	3 Months	Matric OR 3 Months Vocational Certificate
3	English Language (IELTS/PTE B1-B2 CEFR	3 Months	Matric OR 3 Months Vocational Certificate
4	Functional Arabic (Elementary Level)	3 Months	Primary
5	Chinese Language (HSK 1& 2)	3 Months	Matric OR 3 Months Vocational Certificate
6	Russian Language (Elementary Level)	3 Months	Matric OR 3 Months Vocational Certificate
7	German Language A1	3 Months	Matric OR 3 Months Vocational Certificate
Sector Name: Textile and Manufacturing			
Sr. No.	Trade Name	Duration	Minimum Student Entry Level
1	Advanced CNC	6 Months	Matric
2	Welder (SMAW, GTAW)	6 Month	Middle
3	AutoCAD (Mechanical)	6 Months	Matric
4	Boat Making	6 Months	Middle
5	Chemical Supervisor	6 Months	Matric
6	Dies and Moulds Maker	6 Months	Intermediate
7	Electric Arc Welding	6 Months	Matric
8	Fashion Design & Dress Making	6 Months	Matric
9	Hand & Machine Embroidery	6 Months	Middle
10	Advanced Welding	6 Month	Middle
11	Industrial Automation (PLC)	6 Months	DAE (Electrical/Electronics)
12	Industrial Stitching	6 Months	Middle
13	Leather Garments Pattern Maker	3 Months	Matric
14	Machinist	6 Months	Matric

15	Mechatronics (Robotics)	6 Months	DAE (Electrical/ Electronics/ Telecom/ Mechanical)
16	Plastic Injection Molding Machine Operator	6 Months	Intermediate
17	Ship Steel Fabricator (Ship Fabricator)	6 Months	Matric
18	Textile Designing with CAD/CAM	6 Months	Matric
19	Textile Dyeing and Printing (Wet Processing)	6 Months	Matric
20	Textile Knitting	6 Months	Matric
21	Textile Merchandiser	6 Months	Intermediate
22	Textile Testing and Quality Control	6 Months	Matric
23	Textile Weaving	6 Months	Matric
24	Wheel Chair Manufacturing & Repairing	3 Months	Middle
Sector Name: Mining and Mineral Sector			
Sr. No.	Trade Name	Duration	Minimum Student Entry Level
1	CAD/CAM Jewelry Designing	6 Months	Middle
2	Crush Plant	3 Months	Primary
3	Drilling and Drilling Fluids	3 Months	Middle
4	Fashion jewelry Maker	6 Months	Middle
5	Fundamental of Mining	3 Months	Matric
6	Gemstone Bead Making	3 Months	Middle
7	Gemstone Carving	6 Months	Middle
8	Gemstone Faceting and Polishing	6 Months	Middle
9	Gemstone Identification	6 Months	Matric
10	Gemstone Mining & Extraction	3 Months	Middle
11	Jewelry Electroplater	6 Months	Middle
12	Manual Jewelry Designer	6 Months	Middle
13	Marble Craftsman	6 Months	Middle
14	Marble Quarry Master	6 Months	Middle
15	Marble Technician (Block Cutting)	6 Months	Middle
16	Marble Technician (Value Edition)	6 Months	Middle
17	Mining Technician	3 Months	Middle
Sector Name: Green Technologies			Minimum Student Entry Level
1	Solar PV System Technician	6 Months	Matric
2	Intelligent Hybrid & Electric Vehicles	3 months	Matric Science
3	Drone Applications in Agriculture	3 Months	Intermediate (FSC / ICS)
4	Hybrid Seed Production & Contract Farming	3 Months	Intermediate
5	Remote Sensing Applications in Agriculture	3 Months	Intermediate (FSC / ICS)
6	Smart IoT Technologies for Agriculture	3 Months	Intermediate (FSC / ICS)
7	Plumbing & Solar Water Heating Technician	6 Month	Middle
8	Renewable Energy (Solar)	6 Months	Matric
9	Renewable Energy (Biomass)	6 Months	Intermediate
10	Renewable Energy (Wind)	6 Months	Intermediate
11	Micro Hydel Power Plant Technician	3 Months	Matric (Science)