

# **VOCATIONAL EDUCATION**

## **Introduction**

Vocational education is education that prepares people for a skilled craft as an artisan, trade as a tradesperson, or work as a technician.

Vocational education is a different learning option from the path of college or universities. It offers a path that imparts the skills and knowledge needed to work in a given occupation. It is coordinated with the requirements of the labor market and is an integral part of the education system.

## **What is practical education?**

It teaches skills and knowledge for the everyday skills and duties you carry out in your particular field. It is skill based learning rather than learning that focuses on ideas and theories.

Vocational programs exist for a variety of careers. Students could choose this type of educational pathway for technical training to learn computer skills. Students can learn the skills needed for many creative fields this way, such as dressmaking, photography, culinary arts, fashion design, interior design or cosmetology. Vocational school also provides training for many hands-on trades that are necessary to the functioning of society, such as masonry, carpentry, heating and air conditioning, automotive repair, plumbing or electrical work. It can also provide the means for learning certain professional fields such as bookkeeping, medical assisting or court reporting.

## **Vocation and Career**

Generally, vocation and career are used interchangeably. Vocational education might be classified as teaching procedural knowledge. This may be contrasted with declarative knowledge, as used in education in a usually broader scientific field, which might concentrate on theory and abstract conceptual knowledge, characteristic of tertiary education.

Vocational education can be at the secondary or post-secondary level and can interact with the apprenticeship system. Increasingly, vocational education can be recognized in terms of recognition of prior learning and partial academic credit towards tertiary education (e.g., at a university) as credit; however, it is rarely considered in its own form to fall under the traditional definition of a higher education.

Up until the end of the twentieth century, vocational education focused on specific trades such as for example, an automobile mechanic or welder, and was therefore associated with the activities

of lower social classes. As a consequence, it attracted a level of stigma. Vocational education is related to the age-old apprenticeship system of learning.

### **Vocational training vs. academic training:**

While college education often provides theoretical or broad knowledge that could be applied to a variety of professions within a certain field, vocational training teaches students the precise skills and knowledge needed to carry out a specific craft, technical skill or trade, such as plumbing or cooking.

College education often includes courses on a variety of subjects that may not directly relate to a student's major and that a graduate may not use in their career. Vocational school, on the other hand, skips this type of broad academic study and instead provides direct knowledge and instruction for a specific field or position.

### **Work-ready training**

The vocational type of education is designed to make students "work ready" upon graduation. It provides practical education, so students develop specific industry skills that allow them to jump right into your profession and get started. Key features of vocational education and training are classroom training combined with hands-on training, providing students with a complete understanding of concepts in their field and how to carry out the duties of their trade.

### **Certain positions and fields**

Vocational education is designed for more technical fields and for trades or crafts, which are positions that involve hands-on, manual work such as working with plumbing pipes, making a cake or repairing a car. These careers are seen differently from college- and university-trained careers because they are thought of as non-academic. Nonetheless, vocational training also educates on managerial skills or job functions, such as computer programming or prepare for a supervisory role in a hotel or restaurant.

### **Vocational training settings**

The vocational training system includes a variety of settings for students to carry out their education. It may vary by the type of trade students plan to get into, but vocational training can take place through one or a combination of these:

- Vocational or trade schools
- Technical secondary schools
- Community colleges

- High school vocational programs
- On-the-job training
- Apprenticeships
- Standalone courses

While it is not yet common, some colleges and universities are beginning to incorporate vocational programs into their educational offerings in addition to their traditional academic options.

Students might complete their vocational training with a certification or a diploma. In some cases, they may receive an associate's degree. Some schools offer a range of professional areas, while some are specific to certain subjects, such as culinary schools or technology schools.

### **Continuing education**

Vocational training also helps people move forward in their careers. These programs are often shorter and more flexible than college or university programs. This makes it easier for people to go back to school or take continuing education to help them move to the next step. Through further education with vocational training, you could have the opportunity to:

- Advance to a higher level position in the same company or field.
- Gain the skills and knowledge needed to change careers.
- Ask for higher pay to fit a credential; or specialty skill.

### **Key features of vocational education and training**

Vocational training has some key features that set it apart from academic education. When you look at formal education vs practical experience, you see that formal college or university training includes a lot of classroom education filled with knowledge that is often vague or theoretical. It may cover a lot of subjects, including ones that are not fully relevant to the major. Vocational training is different because it focuses on practical experience instead through hands-on training.

In addition, there are specific features that set vocational training apart. Key components are:

#### **1. It makes a student job-ready**

Vocational training provides skill based learning and focuses on how to teach practical skills. This means that upon completion of the program, a student has gained the necessary knowledge and hands-on skills needed to perform specific tasks of an occupation. This is the importance of practical knowledge as compared to theoretical.

#### **2. It is based on competency**

Instead of receiving a passing or failing grade as is done in college, student performance is based on competence that is defined by meeting certain criteria. The training provided focuses on preparing a student to meet these criteria. By the end of the vocational

program, a student must demonstrate satisfactory performance on each of these criteria to be considered competent in their chosen profession. For example, a culinary arts student would need to show competence in certain cooking methods and skills to show they could work in this field upon completion of the program.

## Skill Development & Science Courses

Sr. No.	Eligibility	Course name	Duration
1	12th	<b>DIPLOMA IN BAKERY SCIENCE</b>	<b>1 year</b>
2	12th	<b>DIPLOMA IN COMPUTER SCIENCE</b>	<b>1 year</b>
3	10th	<b>CERTIFICATE IN BAKERY SCIENCE</b>	<b>6 MONTH</b>
4	10th	<b>CERTIFICATE IN COMPUTER SCIENCE</b>	<b>6 MONTH</b>
5	12th	<b>Diploma Laboratory Skills for Science</b>	<b>1 Year</b>
6	10th	<b>Certificate in Laboratory Skills for Science</b>	<b>6 Months</b>
7	10 th	<b>Certificate in Buddhist Studies</b>	<b>6 Months</b>
8	12th	<b>Diploma in Buddhist Studies</b>	<b>1 Year</b>
9	10th	<b>Certificate in Rural Development</b>	<b>6 Month</b>
10	12th	<b>Diploma in Rural Development</b>	<b>12th</b>
11	10th	<b>Certificate in Social Work</b>	<b>3 Months</b>
12	10 th	<b>Certificate in Environmental Awareness</b>	<b>1 year</b>
13	10 th	<b>Certificate in Agriculture</b>	<b>6 Months</b>

- Vocational training courses are specific classes offered to learners to train for a particular job or career.
- These courses are offered to people working in various career fields to improve their skills.
- Vocational training is available in trade schools, career colleges as well as community courses.

### Course Name

1. Automotive Service Technician
2. Automotive Technical Studies
3. Automotive Technician
4. Bridge Watchman

5. Chief Mate
6. Commercial Transport
7. Heavy Duty Mechanic
8. Marine Engineering
9. Master 150GT Domestic
10. Master 500GT Domestic
11. Nautical Sciences
12. Railway Conductor
13. Motorcycle and Power Equipment Technician
14. Aboriginal Policing Preparation
15. Addictions Counselling
16. Advanced Care Paramedic
17. Agricultural Machinery Technician
18. Stenography Hindi/English
19. BioScience Technology
20. Building Systems Technician
21. Business Information Systems
22. Business Planning
23. CAD/CAM Engineering Technology
24. Mobile Repair
25. Civil Engineering Technologies
26. Civil Technician
27. Combined Laboratory and X-Ray Technology

28. Computer Systems Technology

29. Continuing Care Assistant

30. Correctional Studies

31. Court Services Administrator

32. Critical Care Nursing

33. Culinary Arts

34. Cytotechnology

35. Dental Assisting

36. Dental Hygiene

37. Diabetes Education for Health Care Professionals

38. Diabetes Education for Health Care Providers

39. Digital Graphic Design

40. Disability Support Worker

41. Dynamic Web Development

42. Educational Assistant

43. Electrical Engineering Technology

44. Electronics Technician

45. Engineering Design and Drafting Technology

46. Entrepreneurship and Small Business

47. Esthetician

48. Environmental Engineering Technology

49. Funeral Service

50. Food Service Cook

51. Geographic Information Science for Resource Management

52. Geomatics and Surveying Engineering Technology

53. Graphic Communications

54. Hairstylist

55. Health Information Management

56. Heavy Equipment Operator

57. Hotel and Restaurant Management

58. Human Resources Management (Certificate)

59. Indigenous Peacekeeping

60. Industrial Mechanics (Applied Certificate)

61. Industrial Mechanics (Certificate)

62. Institutional Cooking

63. Institutional Meat Cutting

64. Instrumentation Engineering Technology

65. Integrated Resource Management

66. Interactive Media Production

67. Ironworker

68. Leadership Skills

69. Library and Information Technology

70. Meat Processing

71. Mechanical Engineering Technology

72. Media Arts Production (Certificate)

73. Media Arts Production (Diploma)

74. Medical Device Reprocessing Technician

75. Medical Laboratory Assistant

76. Medical Laboratory Technology

77. Medical Radiologic Technology

78. Mental Health and Addictions Worker

79. Mining Engineering Technology

80. Multi-Mechanical Trades

81. New Media Communications (Certificate)

82. New Media Communications (Diploma)

83. Nursing Re-entry

84. Occupational Health and Safety Practitioner (Applied Certificate)

85. Occupational Health and Safety Practitioner (Certificate)

86. Office Administration

87. Parts Management Technician

88. Parts Person

89. Perioperative Nursing/LPN

90. Perioperative Nursing/RN

91. Power Engineering Technician

92. Power Engineering Technology

93. Power Sports Equipment Technician

94. Primary Care Nurse Practitioner

95. Primary Care Paramedic

96. Production Line Welding

97. Professional Cooking

98. Psychiatric Nursing (Diploma)

99. Radiation and Environmental Monitoring Technician



100.	Recognition of Prior Learning Practitioner
101.	Recreation and Community Development
102.	Refrigeration and Air Conditioning
103.	Resource and Environmental Law
104.	Retail Manager
105.	Retail Meat Specialist
106.	Retail Customer Service
107.	Security Officer
108.	Service Excellence
109.	Stucco Applicator
110.	Therapeutic Recreation
111.	Tri-Trades Heavy Equipment, Truck and Transport, Agricultural Machinery Technician
112.	Underground Mining Core
113.	Underground Mining Raise Boring
114.	Underground Mining Shaft Operations
115.	Veterinary Technology
116.	Victim Services Coordination
117.	Warehouse Worker
118.	Water and Wastewater Technician
119.	Water Resources Engineering Technology
120.	Welding Applied Certificate
121.	Youth Care Worker (Certificate)
122.	Youth Care Worker (Diploma)

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| 123. | Utility Lineworker Technology        |
| 124. | Computer Specialist                  |
| 125. | Radiation Therapist                  |
| 126. | Nuclear Technician                   |
| 127. | Dental Hygienist                     |
| 128. | Fashion Designer                     |
| 129. | Nuclear Medicine Technologist        |
| 130. | Commercial Pilot                     |
| 131. | Electrical and Electronics Repairman |
| 132. | Web Developer                        |
| 133. | Cardiovascular Technologist          |
| 134. | Electrician                          |
| 135. | Plumber                              |
| 136. | HVAC Technician                      |
| 137. | Surgical Technologist                |
| 138. | Medical Laboratory Technician        |
| 139. | Bricklayer                           |
| 140. | Chemical Plant Operator              |
| 141. | Derrickman                           |
| 142. | Executive Housekeeper                |
| 143. | Firefighter                          |
| 144. | Locomotive Engineer                  |
| 145. | Personal Trainer                     |
| 146. | Police Officer                       |

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147.	Art/Design
148.	Auto Repair Training
149.	Automation control
150.	AutoCAD
151.	Aviation
152.	Bookkeeping, Accounting and Auditing
153.	Blacksmithing
154.	Business and marketing management
155.	Business and Office management
156.	Carpentry
157.	Catering and hotel management
158.	Culling arts
159.	Collision Repair
160.	Computer networking management
161.	Construction Management
162.	Daycare management
163.	Diesel Mechanics
164.	Early Child Care Education
165.	Engineering-Mechanical, Civil, Electric and Electronic, Chemical among others.
166.	Food and Beverage Management
167.	Diploma in Food Production
168.	Hairstyling, Cosmetics and Beautification
169.	Health care and social assistant

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|------|---------------------------------------|
| 170. | Home inspector                        |
| 171. | Interior Design                       |
| 172. | Industrial Maintenance                |
| 173. | Massage Therapy                       |
| 174. | Medical Billing                       |
| 175. | Medical Transcription                 |
| 176. | Organizational/Leadership Skills      |
| 177. | Paralegal Studies                     |
| 178. | Paramedic-EMT                         |
| 179. | Practical Nursing                     |
| 180. | Precision Manufacturing and Machining |
| 181. | Pharmacy Technician                   |
| 182. | Photography                           |
| 183. | Private investigator                  |
| 184. | Property Management                   |
| 185. | Psychology and Counselling            |
| 186. | Real Estate Appraisal                 |
| 187. | Small Business Management             |
| 188. | Small Engine Repair                   |
| 189. | Tax Preparation                       |
| 190. | Travel Agent                          |
| 191. | Truck driving                         |
| 192. | Veterinary Technician                 |

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193.	Welding and Fabrication
194.	Architectural and Structural CADD and Graphics Technician
195.	Boilermaker
196.	Construction Estimating
197.	Construction Operations
198.	Construction Supervision
199.	Gasfitting
200.	Heat and Frost Insulator
201.	Hydronic Technician
202.	Industrial Electrician
203.	Ironworker - Reinforcing
204.	Metal Fabricator
205.	Piping foundation
206.	Pump Maintenance
207.	Roadworks Maintenance
208.	Security Systems Technician
209.	Sheet Metal Worker Foundation
210.	Security Systems Technician
211.	Telecommunications Technician
212.	Wireless Communications Technician
213.	CNC Machinist Technician
214.	Fire Protection Inspection and Testing
215.	Heating, Ventilation, Air Conditioning and Refrigeration Technician

216.	Machinist		
217.	Millwright		
218.	Power and Process Engineering		
219.	Refrigeration Mechanic Foundation		
220.	Refrigeration Systems		
221.	Aircraft Gas Turbine Technician		
222.	Airport Operations		
223.	Airline and Flight Operations - Commercial Pilot		
224.	<b>Computer Specialist</b>	225.	<b>Radiation Therapist</b>

1.	<b>Nuclear Technician</b>	2.	<b>Dental Hygienist</b>
3.	<b>Fashion Designer</b>	4.	<b>Nuclear Medicine Technologist</b>
5.	<b>Commercial Pilot</b>	6.	<b>Electrical and Electronics Repairman</b>
7.	<b>Web Developer</b>	8.	<b>Cardiovascular Technologist</b>
9.	<b>Electrician</b>	10.	<b>Plumber</b>
11.	<b>HVAC Technician</b>	12.	<b>Surgical Technologist</b>
13.	<b>Medical Laboratory Technician</b>	14.	<b>Bricklayer</b>
15.	<b>Chemical Plant Operator</b>	16.	<b>Derrickman</b>

17. <b>Executive Housekeeper</b>	18. <b>Firefighter</b>
19. <b>Locomotive Engineer</b>	20. <b>Personal Trainer</b>
21. <b>Police Officer</b>	22. <b>Art/Design</b>
23. <b>Auto Repair Training</b> 24. <b>AutoCAD</b>	25. <b>Automation control</b> 26. <b>Aviation</b>
27. <b>Bookkeeping, Accounting and Auditing</b>	28. <b>Blacksmithing</b>
29. <b>Business and marketing management</b>	30. <b>Business and Office management</b>
31. <b>Carpentry</b>	32. <b>Catering and hotel management</b>
33. <b>Culling arts</b>	34. <b>Collision Repair</b>
35. <b>Computer networking management</b>	36. <b>Construction Management</b>
37. <b>Daycare management</b>	38. <b>Diesel Mechanics</b>
39. <b>Early Child Care Education</b>	40. <b>Engineering-Mechanical, Civil, Electric and Electronic, Chemical among others.</b>
41. <b>Food and Beverage Management</b>	42. <b>Hairstyling, Cosmetics and Beautification</b>
43. <b>Health care and social assistant</b>	44. <b>Home inspector</b>

45. <b>Interior Design</b>	46. <b>Industrial Maintenance</b>
47. <b>Massage Therapy</b>	48. <b>Medical Billing</b>
49. <b>Medical Transcription</b>	50. <b>Organizational/Leadership Skills</b>
51. <b>Paralegal Studies</b>	52. <b>Paramedic-EMT</b>
53. <b>Practical Nursing</b>	54. <b>Precision Manufacturing and Machining</b>
55. <b>Pharmacy Technician</b>	56. <b>Photography</b>
57. <b>Private investigator</b> 58. <b>Psychology and Counselling</b>	59. <b>Property Management</b> 60. <b>Real Estate Appraisal</b>
61. <b>Small Business Management</b>	62. <b>Small Engine Repair</b>
63. <b>Tax Preparation</b>	64. <b>Travel Agent</b>
65. <b>Truck driving</b>	66. <b>Veterinary Technician</b>
67. <b>Welding and Fabrication</b>	68. <b>Architectural and Structural CADD and Graphics Technician</b>
69. <b>Boilermaker</b>	70. <b>Construction Estimating</b>
71. <b>Construction Operations</b>	72. <b>Construction Supervision</b>
73. <b>Gasfitting</b>	74. <b>Heat and Frost Insulator</b>



75. <b>Hydronic Technician</b>	76. <b>Industrial Electrician</b>
77. <b>Ironworker - Reinforcing</b>	78. <b>Metal Fabricator</b>
79. <b>Piping foundation</b>	80. <b>Pump Maintenance</b>
81. <b>Roadworks Maintenance</b>	82. <b>Security Systems Technician</b>
83. <b>Sheet Metal Worker Foundation</b>	84. <b>Security Systems Technician</b>
85. <b>Telecommunications Technician</b>	86. <b>Wireless Communications Technician</b>
87. <b>CNC Machinist Technician</b>	88. <b>Fire Protection Inspection and Testing</b>
89. <b>Heating, Ventilation, Air Conditioning and Refrigeration Technician</b>	90. <b>Machinist</b>
91. <b>Millwright</b>	92. <b>Power and Process Engineering</b>
93. <b>Refrigeration Mechanic Foundation</b>	94. <b>Refrigeration Systems</b>
95. <b>Aircraft Gas Turbine Technician</b>	96. <b>Airport Operations</b>
97. <b>Airline and Flight Operations - Commercial Pilot</b>	98. <b>Automotive Service Technician</b>
99. <b>Automotive Technical Studies</b>	100. <b>Automotive Technician</b>
101. <b>Bridge Watchman</b>	102. <b>Chief Mate</b>

103. <b>Commercial Transport</b>	104. <b>Heavy Duty Mechanic</b>
105. <b>Marine Engineering</b>	106. <b>Master 150GT Domestic</b>
107. <b>Master 500GT Domestic</b>	108. <b>Nautical Sciences</b>
109. <b>Railway Conductor</b>	110. <b>Motorcycle and Power Equipment Technician</b>
111. <b>Aboriginal Policing Preparation</b>	112. <b>Addictions Counseling</b>
113. <b>Advanced Care Paramedic</b>	114. <b>Agricultural Machinery Technician</b>
115. <b>Bachelor of Psychiatric Nursing</b>	116. <b>BioScience Technology</b>
117. <b>Building Systems Technician</b>	118. <b>Business Information Systems</b>
119. <b>Business Planning</b>	120. <b>CAD/CAM Engineering Technology</b>
121. <b>Chemical Technology</b>	122. <b>Civil Engineering Technologies</b>
123. <b>Civil Technician</b>	124. <b>Combined Laboratory and X-Ray Technology</b>
125. <b>Computer Systems Technology</b>	126. <b>Continuing Care Assistant</b>
127. <b>Correctional Studies</b>	128. <b>Court Services Administrator</b>
129. <b>Critical Care Nursing</b>	130. <b>Culinary Arts</b>

131. <b>Cytotechnologists</b>	132. <b>Dental Assisting</b>
133. <b>Dental Hygiene</b>	134. <b>Diabetes Education for Health Care Professionals</b>
135. <b>Diabetes Education for Health Care Providers</b>	136. <b>Digital Graphic Design</b>
137. <b>Disability Support Worker</b>	138. <b>Dynamic Web Development</b>
139. <b>Educational Assistant</b>	140. <b>Electrical Engineering Technology</b>
141. <b>Electronics Technician</b>	142. <b>Engineering Design and Drafting Technology</b>
143. <b>Entrepreneurship and Small Business</b>	144. <b>Esthetician</b>
145. <b>Environmental Engineering Technology</b>	146. <b>Funeral Service</b>
147. <b>Food Service Cook</b>	148. <b>Geographic Information Science for Resource Management</b>
149. <b>Geometrics and Surveying Engineering Technology</b>	150. <b>Graphic Communications</b>
151. <b>Hairstylist</b>	152. <b>Health Information Management</b>
153. <b>Heavy Equipment Operator</b>	154. <b>Hotel and Restaurant Management</b>

155. <b>Human Resources Management (Certificate)</b>	156. <b>Indigenous Peacekeeping</b>
157. <b>Industrial Mechanics (Applied Certificate)</b> 158. <b>Institutional Cooking</b>	159. <b>Industrial Mechanics (Certificate)</b> 160. <b>Institutional Meat Cutting</b>
161. <b>Instrumentation Engineering Technology</b>	162. <b>Integrated Resource Management</b>
163. <b>Interactive Media Production</b>	164. <b>Ironworker</b>
165. <b>Leadership Skills</b>	166. <b>Library and Information Technology</b>
167. <b>Meat Processing</b>	168. <b>Mechanical Engineering Technology</b>
169. <b>Media Arts Production (Certificate)</b>	170. <b>Media Arts Production (Diploma)</b>
171. <b>Medical Device Reprocessing Technician</b>	172. <b>Medical Laboratory Assistant</b>
173. <b>Medical Laboratory Technology</b>	174. <b>Medical Radiologic Technology</b>
175. <b>Mental Health and Addictions Worker</b>	176. <b>Mining Engineering Technology</b>
177. <b>Multi-Mechanical Trades</b>	178. <b>New Media Communications (Certificate)</b>
179. <b>New Media Communications (Diploma)</b>	180. <b>Nursing Re-entry</b>

181. <b>Occupational Health and Safety Practitioner (Applied Certificate)</b>	182. <b>Occupational Health and Safety Practitioner (Certificate)</b>
183. <b>Office Administration</b>	184. <b>Parts Management Technician</b>
185. <b>Parts Person</b>	186. <b>Preoperative Nursing/LPN</b>
187. <b>Preoperative Nursing/RN</b>	188. <b>Power Engineering Technician</b>
189. <b>Power Engineering Technology</b>	190. <b>Power Sports Equipment Technician</b>
191. <b>Primary Care Nurse Practitioner</b> 192. <b>Production Line Welding</b>	193. <b>Primary Care Paramedic</b> 194. <b>Professional Cooking</b>
195. <b>Psychiatric Nursing (Diploma)</b>	196. <b>Radiation and Environmental Monitoring Technician</b>
197. <b>Recognition of Prior Learning Practitioner</b>	198. <b>Recreation and Community Development</b>
199. <b>Refrigeration and Air Conditioning</b>	200. <b>Resource and Environmental Law</b>
201. <b>Retail Manager</b>	202. <b>Retail Meat Specialist</b>
203. <b>Retail Customer Service</b>	204. <b>Security Officer</b>
205. <b>Service Excellence</b>	206. <b>Stucco Applicator</b>
207. <b>Therapeutic Recreation</b>	208. <b>Tri-Trades Heavy Equipment, Truck and Transport, Agricultural Machinery Technician</b>

209. <b>Underground Mining Core</b>	210. <b>Underground Mining Raise Boring</b>
211. <b>Underground Mining Shaft Operations</b>	212. <b>Veterinary Technology</b>
213. <b>Victim Services Coordination</b>	214. <b>Warehouse Worker</b>
215. <b>Water and Wastewater Technician</b>	216. <b>Water Resources Engineering Technology</b>
217. <b>Welding Applied Certificate</b>	218. <b>Youth Care Worker (Certificate)</b>
219. <b>Youth Care Worker (Diploma)</b>	220. <b>Utility Lineworker Technology</b>
221. <b>Accounting</b>	222. <b>Business Studies</b>
223. <b>E-Commerce</b>	224. <b>Entrepreneurship</b>
225. <b>Finance</b>	226. <b>Human Resource Management</b>
227. <b>Management</b>	228. <b>Marketing</b>
229. <b>Office Administration</b>	230. <b>Quality Management</b>
231. <b>Retail</b>	232. <b>Transportation and Logistics</b>
233. <b>New</b>	234. <b>PG Diploma Courses</b>
235. <b>P.G. Diploma in Statistical Analysis</b>	236. <b>P.G. Diploma in Retail Management</b>

<b>&amp; Computations (PGDSAC)</b>	<b>(PGDRM)</b>
<b>237. P.G. Diploma in Personnel Management &amp; Industrial Relations (PGDPMIR)</b>	<b>238. P.G. Diploma in Computer Application (PGDCA) (New)</b>
<b>239. P.G. Diploma in Hostel Management (PGDHM) *</b>	<b>240. Diploma Courses</b>
<b>241. Diploma in Financial Services (DFS)</b>	<b>242. Diploma in Human Resource Development (DHRD)</b>
<b>243. Diploma in Communicative English (DCE)</b>	<b>244. Diploma in Counseling Psychology (DCP)</b>
<b>245. Diploma in Industrial Work &amp; Management System (DIWMS)</b>	<b>246. Diploma in Retail Management (DRM)</b>
<b>247. Diploma in Statistical Analysis (DSA)</b>	<b>248. Diploma in Taxation (DIT)</b>
<b>249. Diploma in Creative Arts (DCA)</b>	<b>250. Diploma in Computer Application (DCA) (New)</b>
<b>251. Diploma in Tourism &amp; Hospitality Management (DTHM)</b>	<b>252. Diploma in Media Aesthetics (DMA)</b>
<b>253. Diploma in Forensic Science (DFSc.)</b>	<b>254. Diploma in Hostel Management (DHM) *</b>
<b>255. Certificate Courses</b>	<b>256. Certificate Course in English Creative Writing (CECW)</b>
<b>257. Certificate Course in Genomics &amp;</b>	<b>258. Certificate Course in Prayojanmoolak</b>

<b>Integrative Biology (CGIB)</b>	<b>Hindi (CPH) iz;kstuewyd fgUnh</b>
<b>259. Certificate Course in Embedded System (CES)</b>	<b>260. Certificate Course in VLSI Design (CVD)</b>
<b>261. Certificate Course in Electronics PCB Design &amp; Circuit Applications (CEPDCA)</b>	<b>262. Certificate Course in Research Methodology (CRM) (New)</b>
<b>263. Certificate Course in Instrumentation &amp; Electronic Maintenance (CIEM) (New)</b>	<b>264. Certificate Course in Power Electronics &amp; PLC (CPE) (New)</b>
<b>265. Certificate Course in Cyber Security (CCS) (New)</b>	<b>266. Certificate Course in Psychology for 'Well Being' (CPWB) (New)</b>
<b>267. Certificate Course in Cryptography (CCC) (New)</b>	<b>268. Certificate Course in French Language (CFL)</b>
<b>269. Certificate Course in Hostel Management (CHM) *</b>	<b>270. Training Programmes</b>
<b>271. 45 Hours Training Programme in Food Processing &amp; Preservation (TPFPP)</b>	<b>272. 30 Hours Training Programme in MATLAB (TPMTL)</b>
<b>273. 30 Hours Training Programme in SPSS (TPSPSS)</b>	<b>274. 30 Hours Training Programme in Tally (TPTally)</b>
<b>275. 30 Hours Training Programme in Traditional Art (TPTA)</b>	<b>276. 30 Hours Training Programme in Horticulture (TPHR)</b>
<b>277. CII-IWN-IEHE Finishing School (TPFS)</b>	<b>278. Foundation Course in Civil Services Examinations (FCCSE)</b>



279. <b>Foundation Course for Common Admission Test (FCCAT)</b>	280. <b>Accessory Designer</b>
281. <b>Accountant</b>	282. <b>Actor</b>
283. <b>Actuary</b>	284. <b>Advertising Executive</b>
285. <b>Aerobic Instructors and Fitness Trainers</b>	286. <b>Aeronautical Engineer</b>
287. <b>Aerospace Engineer</b>	288. <b>Agricultural Engineer</b>
289. <b>Agricultural Scientist</b>	290. <b>Air Force Officer</b>
291. <b>Air Hostess</b>	292. <b>Air Traffic Control Officer</b>
293. <b>Aircraft Maintenance Engineer</b>	294. <b>Animal Trainer</b>
295. <b>Animation</b>	296. <b>Anthropologist</b>
297. <b>Archaeologist/ Historian</b>	298. <b>Architect</b>
299. <b>Army Officer</b>	300. <b>Astronauts</b>
301. <b>Astronomer</b>	302. <b>Auctioneer</b>
303. <b>Audio Recording Engineers</b>	304. <b>Automotive Designer</b>
305. <b>Ayurvedic Doctor</b>	306. <b>Baker</b>

307. <b>Banker</b>	308. <b>Banking Ombudsman</b>
309. <b>Bartender</b>	310. <b>Beautician</b>
311. <b>Big Data Analyst</b>	312. <b>Biochemist</b>
313. <b>Biologist</b>	314. <b>Biomedical Engineer</b>
315. <b>Biotechnologist</b>	316. <b>Bodyguard</b>
317. <b>Border Security Force</b>	318. <b>Botanists</b>
319. <b>BPO Associate</b>	320. <b>Brewers</b>
321. <b>Broadcast Engineer</b>	322. <b>Business Analysts</b>
323. <b>Business Manager</b>	324. <b>Cameraman</b>
325. <b>Cardiologist</b>	326. <b>Career Counsellor</b>
327. <b>Cartographers</b>	328. <b>Cartoonist</b>
329. <b>Category Manager</b>	330. <b>Caterer</b>
331. <b>Ceramic Artists</b>	332. <b>Chartered Accountant</b>
333. <b>Chemical Engineer</b>	334. <b>Chemical Scientist</b>
335. <b>Choreographer</b>	336. <b>Chef</b>

337. <b>Cinematographer</b>	338. <b>Civil Engineer</b>
339. <b>Clinical Researcher</b>	340. <b>Accounting</b>
341. <b>Administrative Assistant/Secretary</b>	342. <b>Art</b>
343. <b>Auto Mechanics</b>	344. <b>Beauty Care</b>
345. <b>Bookkeeping</b>	<b>346. Business Management</b>
347. <b>Canine Specialist</b>	<b>348. Child Daycare Management</b>
349. <b>Child Psychology</b>	350. <b>Computer Programming</b>
351. <b>Computer Training</b>	352. <b>Conservation/Environmental Sciences</b>
353. <b>Contractor/Construction Management</b>	354. <b>Cooking &amp; Catering</b>
355. <b>Creative Writing</b>	356. <b>Dental Assistant</b>
357. <b>Drafting with AutoCAD</b>	358. <b>Drug &amp; Alcohol Treatment Specialist</b>
359. <b>Early Childhood Education</b>	360. <b>Electrician</b>
361. <b>English as a Second Language</b>	<b>362. Fashion Merchandising and Design</b>
363. <b>Fitness &amp; Nutrition</b>	364. <b>Florist/Floral Design</b>
365. <b>Forensic Science</b>	366. <b>French as a Second Language</b>
367. <b>Funeral Service Education</b>	368. <b>Gardening &amp; Landscaping</b>
369. <b>Health Care Aide</b>	<b>370. High School Program</b>
• <b>Home Inspector</b>	371. <b>Hotel &amp; Restaurant Management</b>
372. <b>Interior Decorating</b>	<b>373. Legal Assistant/Paralegal</b>
374. <b>Locksmith</b>	375. <b>Medical Office Assistant</b>
<b>376. Medical Transcriptionist</b>	377. <b>Motorcycle/ATV Repair</b>
378. <b>Natural Health Consultant</b>	379. <b>PC Repair</b>
380. <b>Pharmacy Assistant</b>	381. <b>Photography</b>
382. <b>Physical Therapy Aide</b>	383. <b>Plumbing</b>
384. <b>Private Investigator</b>	385. <b>Psychology/Social Work</b>
386. <b>Real Estate Appraiser</b>	387. <b>Relaxation Therapist</b>
388. <b>Security/Police Sciences</b>	389. <b>Sewing &amp; Dressmaking</b>

390. <b>Small Engine Repair</b>	391. <b>Spanish as a Second Language</b>
392. <b>Start Your Own Business</b>	393. <b>Teacher Aide</b>
394. <b>Travel &amp; Tourism</b>	395. <b>Veterinary Assistant</b>
396. <b>Video Game Design</b>	397. <b>Wedding Consultant</b>
398. <b>Writing Stories for Children</b>	399. <b>Basic Mobile Phone Chip Level Training</b>
400. <b>History of Mobile Phone</b>	401. <b>GSM &amp; CDMA Structure &amp; Generation of Mobile Phone</b>
402. <b>Frequency &amp; Channels</b>	403. <b>GPRS, Bluetooth, Infrared</b>
404. <b>Wi-Fi, SIM, &amp; IMEI</b>	405. <b>Electronic Components Overview</b>
406. <b>Chip Level Soldering &amp; De-soldering</b>	407. <b>Mobile Phone Complete Software Repairing</b>
408. <b>Parts of Computer</b>	409. <b>Computer Operating Driver Installation</b>
410. <b>Software Repairing</b>	411. <b>Mobile Phone S/W training with coding</b>
412. <b>Chinese Mobile Phone Repairing</b>	413. <b>Basic Electronics &amp; Complete Mobile Hardware Repairing</b>
414. <b>Introduction to Electronics</b>	415. <b>Charge</b>
416. <b>Voltage</b>	417. <b>Types of current</b>
418. <b>Electronic Components Identification testing &amp; working</b>	420. <b>Complete training for Hardware Repairing</b>
419. <b>Tips for Mobile repairing</b>	421. <b>Hardware Repairing</b>
422. <b>Section of Mobile Phones</b>	423. <b>Circuit Diagram Reading</b>
424. <b>GSM Mobile Phone Troubleshooting</b>	425. <b>Chinese Mobile phone Troubleshooting</b>
426. <b>CDMA Mobile phone Troubleshooting</b>	427. <b>Practically handset repairing</b>
428. <b>Tips for service centre</b>	429. <b>Advance Mobile Repairing Course</b>
430. <b>Smartphones Android or Windows i-Phone Technologies</b>	431. <b>Wi-Fi, Bluetooth ,Infrared Technologies</b>
432. <b>Unlocking code for Smartphones Android Phone or Windows i-Phone CDMA Phone</b>	433. <b>GSM &amp; CDMA Structure &amp; Generation of Mobile Phone</b>

<b>Live Practical Training</b>	<b>Smartphones Android or Windows i-Phone Assembly &amp; Disassembly</b>
<b>Identification of Different Electronic Components Testing on a Circuit board</b>	<b>Chip Level Soldering &amp; De-soldering on a PCB Motherboard</b>
<b>Identification of ICs</b>	<b>Identification of Different ICs</b>
<b>Source and Destination</b>	<b>Mobile source destination code</b>
<b>Mobile Circuit Board Trace Smartphones Android Phone or Windows i-Phone</b>	<b>Mobile Circuit Board Trace without Circuit Diagram</b>
<b>Circuit Diagram Reading</b>	<b>Section of Mobile Phone Repair</b>
<b>2G 3G 4G Technology</b>	<b>Distinction Between I-Phone 3g &amp; 3gs and I-Phone 4 &amp; 4s</b>
<b>Advanced mobile phones H/W Trouble Shooting with Circuit Chart.</b>	<b>Depict About Mobile Operating System of I-Phone, Blackberry, Samsung Android Phone</b>
<b>Chinese Mobile phone Repair</b>	<b>Android Technology</b>
<b>Windows phone Technology</b>	<b>Faults In Mobile Phones</b>
<b>Dead set condition</b>	<b>No charging</b>
<b>Auto charging</b>	<b>No signal</b>
<b>Voice problem</b>	<b>Vibrator problem</b>
<b>Ringer problem</b>	<b>Auto turn off</b>
<b>Hanging problem</b>	<b>Insert sim (no sim card inserted shows on the screen)</b>
<b>keypad problem</b>	<b>Software problems:</b>
<b>Hanging problem</b>	<b>No signal</b>
<b>Dead set</b>	<b>Display</b>
<b>Contact service (contact retailer, contact service provider)</b>	<b>Test mode</b>
<b>Not charging</b>	<b>Setting problem:</b>
<b>Call divert</b>	<b>Android Phone Routing</b>
<b>Sim lock</b>	<b>Blackberry Unlocking</b>
<b>Security code</b>	<b>Blackberry Flashing</b>
<b>Country lock</b>	<b>Blackberry Wi-Fi Connectivity Settings</b>
<b>Practically handset Repairing</b>	<b>Online Software Repairing.</b>
<b>Latest Mobile Repairing</b>	<b>galaxy phone Repair</b>
<b>Flashing and Formatting</b>	<b>Samsung Flashing ,Hard Reset.</b>
<b>I-PHONE Restoring</b>	<b>I-Phone Factory Unlocking Overview.</b>
<b>Android Phone Pattern Lock</b>	<b>I-Phone,android Apps Installation.</b>

<p><b>Touchpad Fault Finding and Repairing/ Replacing.</b></p> <p><b>Smart phone Motherboard Block Diagram.</b></p> <p><b>Smart phone Motherboard Tracing in Circuit.</b></p> <p><b>Smart phone Motherboard Fault Finding through Advanced Auto Testing Tools</b></p> <p><b>Mobile Phone Upgrading ,Jail Break,country Unlock .</b></p> <p><b>All Type Of Unlocking – User Lock, SIM/Country Lock</b></p> <p><b>Online Unlocking – IMEI Repairing</b></p> <p><b>Online Unlocking – IMEI Repairing</b></p> <p><b>Tips for service centre</b></p>	<p><b>SPECIAL CHINESE MOBILE REPAIRING TRAINING</b></p> <p><b>Flashing, Formatting, File Back-up, User Unlocking etc.</b></p> <p><b>Special Tips &amp; Tricks For Software Repairing Service Centre Training</b></p> <p><b>Repairing Touch screen phone</b></p> <p><b>Touch screen phone Technology Repair</b></p> <p><b>HTC Repairing</b></p> <p><b>GSM Mobile Phone Troubleshooting</b></p> <p><b>Chinese Mobile phone Troubleshooting</b></p> <p><b>CDMA Mobile phone Troubleshooting</b></p>
<p><b>Live Practical Training</b></p> <p><b>Smartphones Android or Windows i-Phone Technologies</b></p> <p><b>Wi-Fi, Bluetooth ,Infrared Technologies</b></p> <p><b>Unlocking code for Smartphones Android Phone or Windows i-Phone CDMA Phone</b></p> <p><b>GSM &amp; CDMA Structure &amp; Generation of Mobile Phone</b></p> <p><b>Smartphones Android or Windows i-Phone Assembly &amp; Disassembly</b></p> <p><b>Identification of Different Electronic Components Testing on a Circuit board</b></p> <p><b>Chip Level Soldering &amp; De-soldering on a PCB Motherboard</b></p> <p><b>Identification of ICs</b></p> <p><b>Identification of Different ICs</b></p> <p><b>Source and Destination</b></p> <p><b>Mobile source destination code</b></p> <p><b>Mobile Circuit Board Trace Smartphones Android Phone or Windows i-Phone</b></p> <p><b>Mobile Circuit Board Trace without Circuit Diagram</b></p> <p><b>Circuit Diagram Reading</b></p> <p><b>Section of Mobile Phone Repair</b></p>	<p><b>Latest Mobile Repairing</b></p> <p><b>Flashing and Formatiiing</b></p> <p><b>I-PHONE Restoring</b></p> <p><b>Android Phone Pattern Lock</b></p> <p><b>Android Phone Routing</b></p> <p><b>Blackberry Unlocking</b></p> <p><b>Blackberry Flashing</b></p> <p><b>Blackberry Wi-Fi Connectivity Settings</b></p> <p><b>Online Software Repairing.</b></p> <p><b>galaxy phone Repair</b></p> <p><b>Samsung Flashing ,Hard Reset.</b></p> <p><b>I-Phone Factory Unlocking Overview.</b></p> <p><b>I-Phone,android Apps Installation</b></p> <p><b>Touchpad Fault Finding and Repairing/ Replacing.</b></p> <p><b>Smart phone Motherboard Block Diagram.</b></p> <p><b>Smart phone Motherboard Tracing in Circuit.</b></p> <p><b>Smart phone Motherboard Fault Finding through Advanced Auto Testing Tools</b></p> <p><b>Mobile Phone Upgrading ,Jail Break,country Unlock .</b></p> <p><b>All Type Of Unlocking – User Lock, SIM/Country Lock</b></p> <p><b>Online Unlocking – IMEI Repairing</b></p>

<p><b>Online Unlocking – IMEI Repairing</b></p> <p><b>SPECIAL CHINESE MOBILE REPAIRING TRAINING</b></p> <p><b>Flashing, Formatting, File Back-up, User Unlocking etc.</b></p> <p><b>Special Tips &amp; Tricks For Software Repairing Service Centre Training</b></p> <p><b>Repairing Touch screen phone</b></p> <p><b>Touch screen phone Technology Repair</b></p> <p><b>HTC Repairing</b></p> <p><b>GSM Mobile Phone Troubleshooting</b></p> <p><b>Chinese Mobile phone Troubleshooting</b></p> <p><b>CDMA Mobile phone Troubleshooting</b></p> <p><b>Identification of ICs</b></p>	<p><b>Practically Handset Repairing</b></p> <p><b>Tips for service centre</b></p> <p><b>Live Practical Training</b></p> <p><b>Smartphones Android or Windows i-Phone Technologies</b></p> <p><b>Wi-Fi, Bluetooth ,Infrared Technologies</b></p> <p><b>Unlocking code for Smartphones Android Phone or Windows i-Phone CDMA Phone</b></p> <p><b>GSM &amp; CDMA Structure &amp; Generation of Mobile Phone</b></p> <p><b>Smartphones Android or Windows i-Phone Assembly &amp; Disassembly</b></p> <p><b>Identification of Different Electronic Components Testing on a Circuit board</b></p> <p><b>Chip Level Soldering &amp; De-soldering on a PCB Motherboard</b></p>
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# Vocational Courses

## Fire & Safety Engineering Course

<i>Course Name</i>	<i>Duration</i>	<i>Medium</i>	<i>Eligibility</i>
<b>Diploma in Fire-Safety and Hazard Management</b>	<b>1 Year</b>	<b>English/Hindi</b>	<b>10th Class or Above</b>
<b>Diploma in Fire Sub Officer</b>	<b>1 Year</b>	<b>English/Hindi</b>	<b>10th + 2, ITI Or Equivalent</b>
<b>Diploma in Assisatnt Fire Sub Officer</b>	<b>1 Year</b>	<b>English/Hindi</b>	<b>10th + 2, ITI Or Equivalent</b>
<b>Diploma in Industrial Safety</b>	<b>1 Year</b>	<b>English/Hindi</b>	<b>10th + 2 (Science), ITI Or Equivalent</b>
<b>Diploma in Safety Management</b>	<b>1 Year</b>	<b>English/Hindi</b>	<b>10th Class or Above</b>
<b>Diploma in Fireman Training</b>	<b>1 Year</b>	<b>English/Hindi</b>	<b>10th Class or Above</b>
<b>Diploma in Driver cum Pump Operator</b>	<b>1 Year</b>	<b>English/Hindi</b>	<b>10th Class or Above</b>
<b>Diploma in Fire-Safety and Security Management</b>	<b>1 Year</b>	<b>English/Hindi</b>	<b>10th Class or Above</b>
<b>Advance Diploma in Industrial Safety</b>	<b>1 Year</b>	<b>English/Hindi</b>	<b>B.Sc./Diploma/B.E./B.Tech</b>



<b>Advance Diploma in Safety Management</b>	<b>1 Year</b>	<b>English/Hindi</b>	<b>Any Graduation</b>
<b>PG Diploma in Fire-Safety and Hazard Management</b>	<b>1 Year</b>	<b>English/Hindi</b>	<b>Any Graduation</b>
<b>PG Diploma in Industrial Safety</b>	<b>1 Year</b>	<b>English/Hindi</b>	<b>B.Sc. / Diploma / B.E. / B.Tech</b>
<b>Certificate in Fire Safety and Hazard Management</b>	<b>6 Month</b>	<b>English/Hindi</b>	<b>10th Class or Above</b>
<b>Certificate in Industrial Safety</b>	<b>6 Month</b>	<b>English/Hindi</b>	<b>10th Class or Above</b>
<b>Certificate in Safety Management</b>	<b>6 Month</b>	<b>English/Hindi</b>	<b>10th Class or Above</b>
<b>Certificate in Fireman Training</b>	<b>6 Month</b>	<b>English/Hindi</b>	<b>10th Class or Above</b>
<b>Certificate in Driver Cum Pump Operator</b>	<b>6 Month</b>	<b>English/Hindi</b>	<b>10th Class or Above</b>
<b>Certificate in Fire Safety and Security Management</b>	<b>6 Month</b>	<b>English/Hindi</b>	<b>10th Class or Above</b>

### **Diploma in Nursery Teacher Training (NTT)**

**Duration: 1 Years**

**Level: Diploma After 10+2**

**Type: Diploma**

**Eligibility: 10+2 or Equivalent**

**Diploma in Nursery Teacher Training (N.T.T.)** is an undergraduate Educational course. This Diploma course deals with a good preschool curriculum and has the ability to significantly contribute to a child's proper growth. It plays the significant role of laying a foundation for further learning through a series of supervised experiences. It becomes very crucial that not only the preschool curriculum that is available but also the educators who would be a part of it understand the purpose of their profile. Generally, the duration of the course is one year but it fluctuates place to place. The minimum time to complete the course is also differentiating from institute to institute. The course may also be available on part time basis in some certain institutes.

#### **Diploma in Nursery Teacher Training Eligibility**

The candidates should complete their 10+2 or its equivalent exam with 50% marks. Further 5% relaxation is permitted to SC/ST students

#### **Diploma in Nursery Teacher Training Syllabus**

##### **Subjects of Study**

History and Philosophy of Pre-Primary Education

Nursery Child Psychology

Methods and Material of Nursery Education

Nursery School Organisation, Community, Child Health & Nutrition

Functional (Practical) (1) Art & Craft (2) Viva-Voce

#### **How is Diploma in Nursery Teacher Training Course Beneficial?**

#### **Diploma in Nursery Teacher Training Job Types**

- Teacher - Nursery

- Assistant Pre Primary Teacher
- NTT/B.Ed. Teacher
- Madam, In-charge & Helper
- Nursery - Manager/In-charge
- Home Tutor