

Career Fields, Sectors & Pathways

- **Marketing Sales & Service**
- x Marketing
- x Professional sales
- x Entrepreneurship /Self Employment

- **Business Management & Administration**
- x Administrative Support
- x Business Information Management
- x General Management
- x Human Resources Management
- x Operations Management

- **Finance**
- x Accounting
- x Banking Services
- x Business Finance
- x Insurance
- x Securities & Investments

- **Hospitality, Tourism & Sport**
- x Restaurants & food/beverage Services
- x Travel & Tourism
- x Food Science, Dietetics & Nutrition
- x Hospitality, Tourism & Recreation

- **Agriculture, Environmental & Animal Care**
- x Animal Care & Management
- x Civil & Environmental Management
- x L& Management & Production
- x Food Science
- x Horticulture & Arboriculture

- **Creative Industries**
- x Film, TV, Video, Radio & Photography, Publishing
- x Museums, Galleries, Libraries & Heritage
- x IT, Software & Computer services (Creative Tech)
- x Animation VFX (Visual Effects) Video Games
- x Music, Performing & Visual Arts
- x Design (Product, Graphic and Fashion)

- **Information Technology & Digital Services**
- x Information Support & Services
- x Networking
- x Software & Systems Development
- x Games & Simulation

Career Field

Agriculture, Food & Natural Resources

Essential skills

Learning & innovation skills

- Creativity
- Critical Thinking & Problem Solving
- Communication & Collaboration
- Flexibility & Adaptability
- Initiative & Self-Direction
- Social & Cross-Cultural Skills
- Productivity & Accountability
- Leadership & Responsibility

- **Transport, Distribution & Logistics**
- x Facility & Mobile Equipment Maintenance
- x Health, Safety & Environmental Management
- x Logistics, Planning & Management Services
- x Sales & Service
- x Transportation Operations
- x Transportation Systems/Infrastructure Planning, Management & Regulation
- x Warehousing & Distribution Centre Operations

- **Architecture & Construction**
- x Design, Planning, Estimating, Surveying & Procurement
- x Earthworks, Demolition & Deconstructions
- x Off-Site Manufacture & Logistics
- x Structural, Civil, Commercial & Project Engineering Management
- x Fixing, Finishing & Utilities Operations
- x Repair, Maintenance & Management
- x Customer Service & Sales Support

- **Manufacturing & Engineering**
- x Product Innovation, Design & Development
- x Health, Safety & Environmental Assurance
- x Logistics, Process Control & Development
- x Manufacturing & Engineering Production
- x Maintenance & Installation
- x Quality Assurance

Health & Social Care & Science Technology

Career Field

- **Health Science & Medical Technology**
- x Biotechnology Research & Development
- x Diagnostic Services
- x Health Informatics
- x Support Services
- x Therapeutic Services

■ Adult & Child Services

- x Adult Health
- x Adult Social Care
- x Early Education
- x Childhood Health
- x Childrens Social Care

Career Field

Business Management & Administration

Career Field

Public Sector & Law

Engineering, Manufacturing & Technology

Career Field

- **Public Services & Law**
- x Probation Services
- x Emergency Response
- x Legal Services
- x Government & Public Administration
- x Foreign Service
- x Governance
- x National Security Planning
- x Public Management & Administration
- x Regulation
- x Revenue & Taxation

- **Education & Training**
- x Administration & Administrative Support
- x Professional Support Services
- x Teaching/Training

Bradford Career Fields, Sectors & Pathways Chart Explanation

1. Bradford Essential Skills

Pathway essentials, located in the center most circle of the Bradford Career Fields, Groups & Pathways chart, represent the base from which to build work & post 16 readiness.

2. Career Fields

Career Fields, which are identified in the segmented ring around Pathway essentials, are the organising structure for the 15 career clusters & 78 pathways. The fields represent the broadest aggregation of careers. Career fields have been identified as:

- Agriculture, Food & Natural Resources
- Creative Industries
- Engineering, Manufacturing & Technology
- Health Care and Health Sciences Technology
- Public Sector & Law
- Business Management & Administration

3. Career Sector

Career Sectors, which are identified in the bold, coloured bullets (■), represent a grouping of occupations & broad industries into a national classification of 15 sectors that are based upon common knowledge & skills. Career sectors include hundreds of occupations that may be grouped into pathways around which educational programs of study can be built.

- Agriculture, Environment & Animal Care
- Creative Industries
- Information Technology & Digital Services
- Transport, Distribution & Logistics
- Architecture & Construction
- Manufacturing & Engineering
- Energy, Environment & Utilities Technology
- Health Science & Medical Technology
- Adult & Child Services
- Public Services & Law
- Education & Training
- Marketing Sales & Service
- Business Management & Administration
- Finance
- Hospitality, Tourism and Sport

4. Career Pathways

Career Pathways, which are identified by the symbol (▶) under each sector heading, represent an organisation of related occupational areas within a specific career sector. Each of these pathways has identified knowledge & skills validated by industry from which programs of study are developed.

5. Bradford Programs of Study

The Bradford Career Fields, Sectors & Pathways chart, on the reverse side, graphically depicts the organising framework of the pathway essentials, career fields, career sectors, & career pathways that Bradford will use for developing programs of study in career & technical education. Programs of study are sets of aligned programs & curricula that begin at secondary school level & continue through college & university. The following are some of the key elements that underlie the definition:

- Competency based curricula tied to industry expectations & skill standards;
- Sequential course offerings that provide strategic entry & exit points as needed throughout a lifetime - this leads to manageable “stepping stones” of skill building, secondary & post 16 education.
- Flexible course & program formats convenient for learner segments;
- Course portability for seamless progression;
- Multiple entry & exit points to support continuing education, returning adults, & fragmented employment;
- Connections between high school & postsecondary education, skill progression, & career opportunities that align academic credentials with job advancement in highskill, high-wage or high-demand occupations.