

# Business Engagement Services

At Northern Regional College we have technical specialist experts in a broad range of areas to help you develop new product and services.

## Advanced Manufacturing and Engineering

- Automotive studies - light & heavy vehicles
- Welding technologies
- Electro, pneumatic and hydraulic systems
- Material properties, applications and research
- Fabrication processes
- Engineering drawing and designs
- Prototype development and testing
- CNC and workshop machining
- Mechanical systems & materials
- Industrial PLC's and Robotics

## Electronics

- Analogue and digital electronics
- Mechatronics and fluid power
- Programming techniques
- Electronic applications and microprocessors
- Design and installation practices
- Inspecting, testing and commissioning
- Electrical fault diagnosis

## Art & Design, Media and Performing Arts

- Gaming design and production
- Animation and visual effects
- Digital and motion graphics
- Virtual reality
- Performing arts
- Photography
- TV production
- Recording and editing
- Illustrations and design

## Computing

- Wireless networks
- Data analytics
- Website production
- Software design and development
- Computer systems
- Database analytics and systems
- Cyber security
- E-commerce
- User experience and Interface design
- Mobile application dev

## Built Environment

- Renewable energy
- 2D/3D CAD
- Health and Safety
- Sustainable materials
- Site Surveying
- Construction technology
- Materials testing
- Woodwork
- Building Information Modelling
- Design and development

## Hospitality & Tourism

- Food and menu development/testing
- Cooking/baking/mixology skills development
- Food hygiene and safety
- Menu planning and kitchen operations
- Organising travel & tourism itineraries
- Maximising customer engagement
- Bespoke cake design

## Business Studies

- Finance and accountancy
- Enterprise and entrepreneurship
- Social media and digital marketing
- Leadership and management
- Supply chain and logistics
- Business development
- Human resource management
- Operations management

## Lifesciences

- Animal management
- Human & animal anatomy physiology
- Biochemistry and animal/human nutrition
- Laboratory applications and techniques
- Forensic investigations and process
- Biomedical sciences application
- Statistical analysis
- Sports coaching and development

For further details contact our Business Engagement Team - [business.engagement@nrc.ac.uk](mailto:business.engagement@nrc.ac.uk)