

Digital Production, Design and Development

GCSE

Post 16

BARNET AND SOUTHGATE COLLEGE

Post 18

MIDDLESEX UNIVERSITY

Careers

1

Five GCSE pass grades (5 and above) including English, Maths and Science

2 **T-LEVELS**

T Level Digital
(Digital production, design and development)

3

Undergraduate Degree:
3D for games and film
Business information systems
Computer systems engineering
Computer networks and security
Cyber security and digital forensics
Digital marketing
Games and level design

4

Developer

Programmer

Game Design

UI / UX

ADDITIONAL PATHWAYS

Post 16 Apprenticeship (e.g. Web development)

Apprenticeships:
Web development
Software tester
DevOps engineer
Data analyst

Digital Support Services

Digital infrastructure

GCSE

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BARNET AND SOUTHGATE COLLEGE

Post 18

MIDDLESEX UNIVERSITY

Careers

1

Five GCSE pass grades (4 and above) including English and Maths

2 **T-LEVELS**

T Level Digital support services (Digital infrastructure)

3

Undergraduate Degree:
Business information systems
Computer networks and security
Computer science
Cyber security and digital forensics
Computer systems engineering
Information technology

4

Network Engineering

Cyber Security

IT Solutions

ADDITIONAL PATHWAYS

Post 16 Apprenticeship (e.g. IT Support)

Apprenticeships:
Network Engineer
Software Tester
DevOps Engineer

Construction

Plumbing and heating engineering

GCSE

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MIDDLESEX UNIVERSITY

Careers

1

Five GCSE pass grades (4 and above) including English and Maths OR alternative L2 vocational qualifications

2

T-LEVELS

T Level Construction (Plumbing and heating engineering)

3

Undergraduate Degree: Architectural technology

4

Domestic heating engineering/ installation

ADDITIONAL PATHWAY

Apprenticeships:: Building services Building energy management systems control engineer

Technician

Construction

Heating engineering and ventilation

GCSE

Post 16

BARNET AND SOUTHGATE COLLEGE

Post 18

Careers

①

Five GCSE pass grades (4 and above) including English and Maths OR alternative L2 vocational qualifications

②

T-LEVELS

T Level Construction (Heating engineering and ventilation)

③

Apprenticeships:

Building services engineering service and maintenance engineer
Building services engineering craftsperson

④

Technician roles

Domestic heating & ventilation roles- engineering / installation

Smart meter installer

ADDITIONAL PATHWAYS

Education and childcare

Early Years educator

GCSE

Post 16

BARNET AND SOUTHGATE COLLEGE

Post 18

MIDDLESEX UNIVERSITY

Careers

1

Five GCSE pass grades (4 / 5) including English and Maths

2

T-LEVELS

T Level Education and childcare (Early Years educator)

3

Undergraduate Degree:
Early childhood studies
Education studies
Primary education
Social work

4

Teaching

Early Years education

Family support

Nursery worker

ADDITIONAL PATHWAYS

Apprenticeships:
Early Years lead practitioner
Learning & skills teacher

Science

Assisting healthcare science

GCSE

1

Four GCSEs at grades 4 – 9, or Level 2 equivalent in scientific subjects and to include English and Maths GCSE 4–9.

Post 16

BARNET AND SOUTHGATE COLLEGE

2

T-LEVELS

T Level Science
(Assisting Healthcare Science)

3

Post 18

MIDDLESEX UNIVERSITY

Undergraduate Degree:
Audiology
Cardiac physiology
Neurophysiology
Public Health

Degree Apprenticeship:
Audiology
Cardiac physiology
Neurophysiology

4

Healthcare Science roles

Radiography assistant

Clinical roles

ADDITIONAL PATHWAYS

Apprenticeships:
Healthcare science associate
Assistant practitioner

Science

Laboratory sciences

GCSE

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BARNET AND SOUTHGATE COLLEGE

Post 18

MIDDLESEX UNIVERSITY

Careers

1

Five GCSE pass grades (5 and above) including English, Maths and science

2

T-LEVELS

T Level Science (Laboratory sciences)

3

Undergraduate Degree:

- Biochemistry
- Biology
- Biomedical science
- Environmental health
- Medical Biochemistry
- Medical Science
- Medical science with innovation and enterprise
- Neuroscience
- Pharmaceutical chemistry
- Pharmaceutical sciences
- Public health

4

- Biochemical
- Biotechnology
- Clinical health
- Laboratory work
- Pharmaceutical
- Public health
- Research & development



ADDITIONAL PATHWAYS

Apprenticeships: Technician scientist

Health

Supporting the adult nursing team

GCSE

Post 16

BARNET AND SOUTHGATE COLLEGE

Post 18

MIDDLESEX UNIVERSITY

Careers

1

Five GCSEs at grades 4 – 9, or Level 2 equivalent in scientific subjects and to include English or Maths GCSE 5– 9.

2

T-LEVELS

T Level Health
(Supporting the adult nursing team)

3

Undergraduate Degree:

Adult nursing
Child nursing
Mental health nursing
Midwifery
Social work

Degree Apprenticeship:

Adult nursing
Social work

4

Careworker
Healthcare assistant
Practitioner in adult care
Community support worker
Maternity support worker
Therapy assistant

ADDITIONAL PATHWAYS

Apprenticeships:

Lead practitioner in Adult care
Leader in Adult care

Creative and Design

Content creation and production

GCSE

Post 16

BARNET AND SOUTHGATE COLLEGE

Post 18

MIDDLESEX UNIVERSITY

Careers

1

Five GCSEs at grades 4 – 9, or Level 2 equivalent and to include English or Maths GCSE 4– 9.

2

T-LEVELS

Creative and Design
(Content creation and production)

3

Undergraduate Degree:
3D for Games and Film
Film

4

Editing
Engineering roles -
Sound, Broadcast
Visual effects
Production
Technician roles -
Sound, AV, Lighting
Video editor
Media researcher
Production
assistant

ADDITIONAL PATHWAYS

Apprenticeships:

Junior visual effects
Junior animator
Media Production
coordinator

Engineering & Manufacturing

Electrical and electronic engineering

GCSE

Post 16

BARNET AND SOUTHGATE COLLEGE

Post 18

MIDDLESEX UNIVERSITY

Careers

1

GCSE Maths at grade 5 or above, plus 4 additional GCSEs at grade 4 or above (including English Language and Science).

2

T-LEVELS

Engineering and Manufacturing
(Electrical and electronic engineering)

3

Undergraduate Degree:

Design engineering
Electronic engineering
Product design

4

Technician roles -
CAD, 3D printing

Engineering roles -
Civil, Maintenance,
Systems, Electrical,
Electronic design

Design and draughtsperson
roles

ADDITIONAL PATHWAYS

Apprenticeships:

Engineering
manufacturing
technician