



BUCKINGHAMSHIRE
NEW UNIVERSITY

EST. 1891



COURSE WELCOME PACK



Welcome to Buckinghamshire New University!

We are looking forward to you joining **MSc Engineering Management** in April.

In case you need a reminder or have missed anything, here are links to important information you will need before you join us:

[Enrolment](#)

[Digital and Technical Services](#)

[Disability and Inclusion Service](#)

[Bucks Students' Union](#)

[Our new student checklist can be found here.](#)

Looking for something in particular? Here are quick links to areas of this document:

[Your Induction](#)

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[Recommended Reading](#)

[Your Pre-Joining Project](#)

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YOUR INDUCTION AT BNU

Your Welcome and Induction activity will take place on **Thursday 9th April and Friday 10th April at our High Wycombe Campus. You are expected to attend in-person on both days** so that you can complete your enrolment and have all the information you need before your teaching starts.

Please arrive no later than 9.30am on Thursday 9th April and 9am on Friday 10th April. When you arrive make your way to the desk that will be outside the entrance to Gateway building. On Thursday 9th April your day will finish by 1.00pm and on Friday 10th April you will be here until 4.30pm.

Further information will be on the [Welcome Page](#) on our website so please check that regularly.

ABOUT YOUR COURSE

Welcome to the MSc Engineering Management at Buckinghamshire New University. This programme is designed to equip you with the skills and knowledge to lead engineering projects, teams, and organisations in today's dynamic environment. You will explore core areas including project and operations management, leadership, innovation, sustainability, and strategic decision-making.

Throughout your studies, you will engage with real-world scenarios, case studies, and applied projects to develop critical thinking and practical problem-solving abilities. The course also emphasises the integration of engineering expertise with management principles, preparing you to drive performance improvement and deliver value across sectors.



Our experienced academic team, many of whom have worked extensively in industry, are committed to supporting your professional and personal development. You will benefit from a collaborative learning environment and opportunities to network with peers and industry professionals.

Modules are delivered through a combination of lectures, workshops, and online resources, enabling you to balance study with other commitments. Assessments focus on practical application to ensure your learning is relevant and impactful.

We look forward to welcoming you to BNU and supporting you on your journey to becoming a confident, effective engineering leader.

YOUR COURSE LEADER

Your course leader is Shatirah Akib who can be contacted via shatirah.akib@bnu.ac.uk.

YOUR RECOMMENDED READING

Details of your full reading list will be made available to you when your teaching starts. There is no need to buy books before you join as all your recommended reading will be available through our [library](#). However, if you would like to do some reading before you join us we recommend the following book to get you thinking about your course:

- [Operations Management: Sustainability and Supply Chain Management, Global Edition](#)
14th Edition, Jay Heizer, Barry Render, Chuck Munson

YOUR PRE-JOINING PROJECT

Engineering Management in Practice

Objective: To help you begin applying engineering management principles by exploring how a real organisation manages engineering projects and operations.

Task: Choose an engineering-focused company or major project (e.g. a manufacturing firm, infrastructure development, technology deployment, or renewable energy project). Prepare a short report (1000–1500 words) covering:

1. Overview of the Organisation / Project
 - What does it do?
 - What products, services, or systems does it deliver?
2. Key Management Challenges
 - Identify at least three challenges the organisation / project faces (e.g. resource management, innovation, sustainability, quality control, supply chain risks).



3. Approaches to Address Challenges

- Research and describe strategies or tools the organisation uses (or could use) to address these challenges (e.g. lean principles, project management frameworks, leadership practices).

4. Your Reflections

- What insights have you gained about the role of engineering managers?
- How might these lessons apply to your future career?

Outcome: Bring your report to induction—this will form the basis for your first group discussion and help you start thinking critically about engineering management practice.

YOUR KIT LIST

To make the most of your learning experience, especially in practical workshops, labs, and design sessions, please ensure you have access to the following:

- A laptop with the following minimum specs:
 - Intel i5/Ryzen 5 or higher.
 - 8GB RAM (16GB recommended for CAD / simulation work).
 - 256GB SSD storage.
 - Windows 10 or 11 (preferred for compatibility with CAD software).
- A mouse, preferably with a scroll wheel for CAD work.
- Headphones or a headset for online sessions, tutorials and group collaboration.

Note: You will have access to BNU PCs and software in labs and remote access where available.

- Software (provided by BNU):
 - AutoDesk AutoCAD.
 - SolidWorks.
 - LTSpice.
 - MATLAB.
 - Microsoft 365 Suite (Word, Excel, PowerPoint, Teams, etc).

PLEASE SEND US A PHOTO!

You will need to email us a head and shoulders photograph of yourself before you start at BNU. This photo should be in a JPEG format and sent to students@bnu.ac.uk with the subject line “Student ID.” Please include the following information in your email:

- Your student ID (if you know it)
- Your full name (include all forenames and surname)
- Your date of birth
- The name of the course you will be starting



ACCOMMODATION

Looking for accommodation?

We still have a few limited spaces available in our halls, don't miss out! Spaces are allocated on a first-come, first-served basis and please note that at this time of year, we cannot guarantee accommodation availability.

Need help with private sector housing?

We can guide you through the process and even offer contract checking for your peace of mind.

For any accommodation enquiries, please email us at accommodation@bnu.ac.uk.

FIND YOUR WAY AROUND CAMPUS!

Use **MazeMap**, our campus wayfinding app for High Wycombe, to quickly get to your classroom, the library, workshops, and more. Download the MazeMap mobile app from your app store, then [click this URL](#) to access BNU profile to start navigating.

If you have any general questions before you start please contact welcome@bnu.ac.uk, or for course specific questions please get in touch with me via shatirah.akib@bnu.ac.uk.

We look forward to welcoming you soon!

Dr Shatirah Akib
Course Leader, MSc Engineering Management

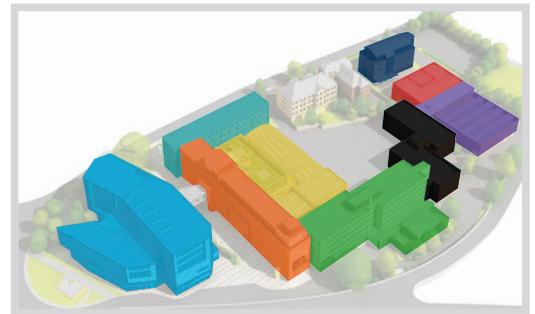
We will consider any request for accessible formats that may be required. Please send your request to welcome@bnu.ac.uk.



High Wycombe Campus



- Gateway Building (e.g. G.1.01)
- East Wing (e.g. E.1.01)
- Dove
- South Wing (e.g. S.1.01)
- North Wing (e.g. N.1.01)
- Timberlake (e.g. T.1.01)
- West Wing (e.g. WW.1.01)
- Red Shed
- Owen Harris (e.g. OH.1.01)



Key locations on campus

Gateway Building (e.g. G.1.01)

- + Security and First Aid Hub
- + School of Business and Law
- + School of Creative and Digital Industries
- + Dance Studio / Drame Studio
- + Events Hall
- + Garden Cafe
- + Gateway Gym
- + Gateway Lecture Theatre

East Wing (e.g. E.1.01)

- + Main Reception Entrance
- + Apprenticeships Hub
- + Dance Studios

Dove

- + School of Engineering and the Built Environment
- + A&E Simulation Centre
- + Atrium / Student Hub
- + Beeches Cafe
- + Radiography Lab
- + Roof Garden
- + Winter Garden

South Wing (e.g. S.1.01)

- + School of Health and Social Care Professions
- + School of Human and Social Sciences
- + Health Hub
- + Running Track
- + Sports Clinic

North Wing (e.g. N.1.01)

- + Students' Union
- + Accommodation Hub
- + Counselling Service
- + Teaching Rooms

Timberlake (e.g. T.1.01)

- + Graphic Design Suites
- + Workshops

West Wing (e.g. WW.1.01)

- + Dance Studios
- + Acting and Theatre
- + Teaching rooms

Red Shed

- + School of Art, Design and Performance
- + Art Studios
- + Textile Studios

Owen Harris (e.g. OH.1.01)

- + Lecture Theatres

In you require further assistance please visit the main reception

bnu.ac.uk



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High Wycombe Campus

Queen Alexandra Road
High Wycombe
Buckinghamshire HP11 2JZ

Aylesbury Campus

Walton Street
Aylesbury
Buckinghamshire HP21 7QG

Uxbridge Campus

106 Oxford Road
Uxbridge
Middlesex UB8 1NA

**BNU based at
Pinewood Studios**

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Iver Heath
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