

ES2B6-15 Starting a Business

20/21

Department

School of Engineering

Level

Undergraduate Level 2

Module leader

Nigel Denton

Credit value

15

Module duration

15 weeks

Assessment

100% coursework

Study location

University of Warwick main campus, Coventry

Description

Introductory description

ES2B6-15 Starting a Business

[Module web page](#)

Module aims

Economic growth requires new businesses to be established and therefore it is important to also generate enthusiasm amongst engineering students for private enterprise and business ownership as a career option and to provide them with guidance on how to start and run a business. This needs to be at an appropriate depth and with appropriate focus, so that informed decisions can be made and so that he/she is able to communicate effectively with entrepreneurial and business colleagues.

Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be covered. Actual sessions held may differ.

Enterprise and Starting a Business

Small business definition & role in the economy; entrepreneurship; business planning; market

research; company formation; acquiring premises; financing the business; understanding finance in a small business; intellectual property rights, managing the business; employment issues in enterprises; growth of a business, exiting the business, enterprise policy.

Learning outcomes

By the end of the module, students should be able to:

- Understand the environment in which the business and the entrepreneur exist.
- Apply business tools including market research and financial appraisal to inform the business start-up and manage its initial growth.
- Understand the concepts of company formation, intellectual property rights, employment issues and other start-up constraints.
- Produce and appraise a business plan for a new enterprise
- Present the business plan to a group of 'investors' and defend the robustness of it.

Indicative reading list

Colin and Paul Barrow and Rick Brown, 'The Business Plan Workbook', 6th Edition, Kogan Page, 2012.

Eric Ries, The Lean Startup: How Constant Innovation Creates Radically Successful Businesses, 2011

Nir Eyal, Hooked: how to build habit forming products, 2014

Rob Fitzpatrick, The Mom Test: How to talk to customers & learn if your business is a good idea when everyone is lying to you, 2013

Muhammad Yunus, Building Social Business: The New Kind of Capitalism that Serves Humanity's Most Pressing Needs , 2011

Michael Gerber, The E-Myth Revisited: Why Most Small Businesses Don't Work and What to Do About It, 2001

Sir Richard Branson, Screw it, Let's Do it: Lessons in Life and Business, 2010

Peter Thiel and Blake Masters, Zero to One: Notes on Start Ups, or How to Build the Future, 2015

Richard Blundel, Exploring Entrepreneurship: Practices and Perspectives, 2011

Marcus Buckingham & Donald Clifton, Now, Discover Your Strengths: How to Develop Your Talents and Those of the People You Manage 2005.

Subject specific skills

TBC

Transferable skills

TBC

Study

Study time

Type	Required
Lectures	19 sessions of 1 hour (13%)
Seminars	2 sessions of 1 hour (1%)
Practical classes	2 sessions of 1 hour (1%)
Other activity	2 hours (1%)
Private study	125 hours (83%)
Total	150 hours

Private study description

Private Study 125 hrs

Other activity description

2 x 1 hr consultancy

Costs

No further costs have been identified for this module.

Assessment

You must pass all assessment components to pass the module.

Assessment group A1

	Weighting	Study time
Group Upper Level Pitch Presentation 15-minute Upper Level Pitch Group Presentation, including peer assessment	20%	
Group Report 3000-word group report, including peer assessment	80%	

Feedback on assessment

Written feedback on Group Reports and Upper Level Pitch Presentation; Formative feedback in Tutorials.

Availability

Courses

This module is Core for:

- Year 2 of UESA-HN15 BEng Engineering Business Management
- Year 2 of UESA-HN11 BSc Engineering and Business Studies

This module is Optional for:

- Year 2 of UESA-H330 BEng Automotive Engineering
- Year 2 of UESA-H210 BEng Civil Engineering
- Year 2 of UESA-H634 BEng Electronic Engineering
- Year 2 of UESA-H106 BEng Engineering
- Year 2 of UESA-HN12 BEng Engineering Business Management
- Year 2 of UESA-HH73 BEng Manufacturing and Mechanical Engineering
- Year 2 of UESA-H310 BEng Mechanical Engineering
- Year 2 of UESA-H315 BEng Mechanical Engineering
- Year 2 of UESA-HH36 BEng Systems Engineering
- Year 2 of UESA-H112 BSc Engineering
- Year 2 of UESA-H331 MEng Automotive Engineering
- Year 2 of UESA-H332 MEng Automotive Engineering with Intercalated Year
- Year 2 of UESA-H211 MEng Civil Engineering
- Year 2 of UESA-H212 MEng Civil Engineering with Intercalated Year
- Year 2 of UESA-H635 MEng Electronic Engineering
- Year 2 of UESA-H636 MEng Electronic Engineering with Intercalated Year
- Year 2 of UESA-H107 MEng Engineering
- Year 2 of UESA-H109 MEng Engineering with Intercalated Year
- Year 2 of UESA-HH37 MEng Manufacturing and Mechanical Engineering
- Year 2 of UESA-HH38 MEng Manufacturing and Mechanical Engineering with Intercalated Year
- Year 2 of UESA-H311 MEng Mechanical Engineering
- Year 2 of UESA-H312 MEng Mechanical Engineering with Intercalated Year
- Year 2 of UESA-HH63 MEng Systems Engineering
- Year 2 of UESA-HH64 MEng Systems Engineering with Intercalated Year
- Year 2 of UCSA-G406 Undergraduate Computer Systems Engineering
- Year 2 of UCSA-G408 Undergraduate Computer Systems Engineering
- Year 2 of UESA-H605 Undergraduate Electrical and Electronic Engineering

This module is Option list A for:

- Year 2 of UESA-H335 BEng Automotive Engineering
- Year 2 of UESA-H161 BEng Biomedical Systems Engineering
- Year 2 of UESA-H216 BEng Civil Engineering
- Year 2 of UESA-H63W BEng Electronic Engineering

- Year 2 of UESA-H113 BEng Engineering
- Year 2 of UESA-HH75 BEng Manufacturing and Mechanical Engineering
- Year 2 of UESA-HH35 BEng Systems Engineering
- Year 2 of UESA-H112 BSc Engineering
- Year 2 of UESA-H336 MEng Automotive Engineering
- Year 2 of UESA-H163 MEng Biomedical Systems Engineering
- Year 2 of UESA-H217 MEng Civil Engineering
- Year 2 of UESA-H63X MEng Electronic Engineering
- Year 2 of UESA-H114 MEng Engineering
- Year 2 of UESA-HH76 MEng Manufacturing and Mechanical Engineering
- Year 2 of UESA-H316 MEng Mechanical Engineering
- Year 2 of UESA-HH31 MEng Systems Engineering
- Year 2 of UESA-H605 Undergraduate Electrical and Electronic Engineering
- Year 2 of UESA-H606 Undergraduate Electrical and Electronic Engineering MEng

This module is Option list B for:

- Year 2 of UESA-H216 BEng Civil Engineering
- Year 2 of UESA-H217 MEng Civil Engineering