Module plan Examples

Planning is key in all the modules I am involved. The plans are detailed and give a comprehensive breakdown these come from the question you are going to ask. It important to have briefs that are imaginative and current. Attached are examples of BSc Furniture Design and Manufacture year 3 briefs for Design Sustainability and Innovation. Example of the titles of the last 6 years.

- 2020-21 wood / textile / create
- 2019-20 Task lead surfaces
- 2018 -19 Nomadic Connections
- 2017 -18 Smart Work Spaces
- 2016-17 Wood & _____
- 2015-16 Versatility by SmartPLY and Connections

BSc Furniture Design and Manufacture year 4 briefs for Professional Design Practice.

Example of the titles of the last 6 years.

- 2020-21 The Future
- 2019-20 Complementary Furniture
- 2018 -19 Have you got 2020?
- 2017 -18 Connections
- 2016-17 Identity
- 2015-16 Suígí Síos

Find attached Examples of last years plans and briefs for Design Sustainability and Innovation and Professional Design Practice.

Design Sustainability & Innovation - CA Schedule

Term 1

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15
9 - 13 Sept.	16 - 20 Sept.	23 - 27 Sept.	30 - 4 Oct.	7 - 11 Oct.	14 - 18 Oct.	21 - 25 Oct.	28 - 1 Nov.	4 - 8 Nov.	11 - 15 Nov.	18 - 22 Nov.	25 - 29 Nov.	2 - 6 Dec.	9 - 13 Dec.	16 - 20 Dec.
CA1 - Research & Design					CA2 - Design & Prototype					CA3 - Marketing			Revision	Exams
Market Potential Through Research				CA1 Presentation	**New Product Design and Innovation**					**Product Marketing, Promotion and Presentation**		CA3 Presentation & Prototype Submission	**Revision**	**3rd Year Only**
40% of module					40% of module					20% of module			Revision	Exams

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GMIT EXAMINATIONS – 2019/20

Continuous Assessment

Programme:	BSc in Furniture Design and Manufacture
Year:	3
Module:	Design Sustainability and Innovation
Module Credits:	10
CA Weighting:	40% out of 100% / 4 Credits

Internal Examiners:	Jeremy Madden	Davin Larkin
External Examiners:	Mr. Stuart Montgomery	Mr. Simon Dennehy

Submission:

Assignment Issue Date:	Week of 9 - 13th Sept. 2019
Presentation Date:	Week of 7 - 11th Oct. 2019

Unless accompanied by a signed absence sheet, late submission will not be marked.

Instructions to Candidates:

Please read this brief carefully.

Candidates must be prepared to meet with the Internal Examiner to explain in person the material that they have presented and how they carried out this work, if requested.

Attendance of a minimum of 80% at timetabled classes is required; if this minimum is not fulfilled, it is at the lecturers' discretion whether to mark the project.

Task lead surfaces

Every piece of furniture revolves around a task or possibilities of multiple tasks. You are asked to consider the work and learning environments of the future, their users and how you can satisfy their task needs with an innovative product.

To address these needs, you are asked to research and design a task-based surface for one person that can be linked in groups of 3 to 6 products to cater for collaborative group tasks. You can take it that these tasks will be limited to a duration of 90 minutes. Consider modularity, system furniture, connection, repeatable components, modes of interaction and the product lifecycle.

An understanding of the Circular Economy is a must for this product to succeed. How will it be made? How sustainable are the materials? What will happen to it at the end of its life? Can it be repurposed, reused or renewed? Your task surface must demonstrate a solution which can be reused, renewed, redeveloped or broken down as components for new furniture in another life.

But how can you do all this without understanding the user, their environment and the tasks it will be used for? You can't. The user, the environment and the tasks must be considered first. This is a research lead process driven project that requires justification of decision making. At the end of the process you must be capable of competently explaining and justifying the success of:

- Interactions between a single user and the product
- Interactions between products, product to product
- Interactions between users while using the product

This is not about designing a task surface, this is about learning a 'Circular Economy' approach to designing a product that complements our future lifestyles, considers every aspect of the user needs and considers its environmental footprint.

However, the product we are looking for should be beautiful, elegant and refined that challenges the conventional furniture and interior norms but pays homage to the style and aesthetic heritage of high quality, crafted furniture and furnishings. With this in mind the task surface must satisfy the following:

- It is for one person

- It can be of any height
- It must fit within a maximum footprint of 900 x 900mm
- It must be completed with an identified existing seating solution
- It must be easily moved/lifted by one person
- All hardware must be removable and replaceable.
- Hardware may be purchased or 3D Printed

Failure to address the multiple constraints detailed above will impact your overall grade.

This Brief is delivered in conjunction with the ***Walls To Workstation*** and ***GreyFox*** Student Design Competition 2019.

Project Description

You are asked to develop a body of work that illustrates the following:

- Research and develop your understanding of furniture design, innovation and the principles of sustainability for mass market products
- Research and develop your understanding of circular economy, user centred design, 3D printing, connections, user interaction and more to frame your concept
- Apply the principles of innovation and sustainability to the design development of a Task lead surface product.

    Your design should be developed through active research, sketching, computer rendering, model-making, 3D Printing, materials research and exploration

Deliverables

You must deliver:

- Design Journal – Part 1:

  Record and document your research and design process through the use of a design journal. It can contain sketches, research and exploratory work and should reflect the organic path that your project follows. The final submission may consist of pages from your sketchbook and printed elements. This is considered a piece of design work and is not expected to take the appearance of a traditional written report.

- Presentation Sheets

  A Maximum of 3x A3 Presentation sheets including 1x Final presentation A1 board, saved as high quality, print ready PDFs. These must be presented in Portrait format. The presentation should describe thoroughly, your key insights, research findings, final concept proposal and benefits. Any form of visual communication (photos, renderings, sketching etc.) is acceptable to sell the concept.

  Your final presentation board should include a highly considered, well executed visual representation, along with branding, descriptive text or 'in use' illustrations, as you see fit. This is the primary board that will be printed, so it should convey as much about the use, intention and novelty as possible, while looking clean, clear and professional.

  1x Single page A4 word-only document to describe your final design, saved as a PDF. There is a maximum of 300 words allowable to best describe your solution.

  Each item submitted must have included on it, your name, Design College/ University identification, as well as clear identification on all files submitted. If these details are not encapsulated on each file, they risk being disregarded.

- W2W Competition Submission

  All students must submit work as per competition guidelines, non-submission will face a penalty of 30% of your CA1 marks. Submission Date: Friday 18th October 2019, 11.59pm

Making Scheme

CA1 is worth 40% of this module

Design Journal – Part 1 ***40%***
Level of exploration, research, sketching, development, presentation, depth of documentation and professionalism, constraints satisfied

Design Proposal ***40%***
Innovation, commercial awareness, user centred, research, function, viability, detail, aesthetics, constraints satisfied

Presentation Sheets ***20%***
Professionalism, clarity, layout, information presented, guidelines adhered to, constraints satisfied

Deadlines

You will be required to present your research, design journal and Presentation sheets in an informal presentation during Week 5 (7^{th} – 11^{th} Oct 2019).

You must submit a hardcopy of your design journal at the time of your presentation and upload your PDF presentation sheets to LearnOnLine.

Points to note

- Please note this is a three-part project, CA1 forms part 1.
- Your design proposal will be taken to prototype stage in part two (CA2) of this project.
- 3D Printed elements may be produced internally if required.
- It is your responsibility to source any technology elements required.
- It is your responsibility to source any materials not available within the college.
- Your design should be a physical product that can be prototyped.
- Use of the CNC is permitted but each student must consider delays associated with its use, thus jigs, inverted router and other manufacturing techniques should be considered first.
- Manufacturing time for this project will be a maximum of 2.5 weeks of scheduled class time, design accordingly.

Design Plagiarism

Copying an existing design is prohibited, if evidence is found that an existing design has been copied directly or indirectly and portrayed as your own work the student will forfeit all marks for this CA and will receive a zero grade.

GMIT EXAMINATIONS – 2019/20

Continuous Assessment

Programme:	BSc in Furniture Design and Manufacture
Year:	3
Module:	Design Sustainability and Innovation
Module Credits:	10
CA Weighting:	40% out of 100%/ 4 Credits

Internal Examiners:	Jeremy Madden	Davin Larkin
External Examiners:	Mr. Stuart Montgomery	Mr. Simon Dennehy

Submission:

Assignment Issue Date: Week of 14 - 18th Oct. 2019
Submission Date: Friday 15th November 2019

Unless accompanied by a signed absence sheet, late submission will not be marked.

Instructions to Candidates:

Please read this brief carefully.

Candidates must be prepared to meet with the Internal Examiner to explain in person the material that they have presented and how they carried out this work, if requested.

Attendance of a minimum of 80% at timetabled classes is required; if this minimum is not fulfilled, it is at the lecturers' discretion whether to mark the project.

Task Lead Surfaces

Part 2: Prototype Development

Taking cognisance of your developed concept it is time to make your product a reality. Using a rigorous design development process with the aid of prototypes you are asked to manufacture two working prototypes of your chosen and refined design in this five-week project.

Prototype 1 will help you establish the viability of your innovative design while prototype 2 will be a presentation ready market refined version of the first.

To be successful in the market place every process, material, connection and component needs to be considered carefully and specified appropriately. Sustainability, innovation and ingenuity go side by side to succeed in this process.

Project Description

You are asked to develop a body of work that illustrates the following:

- The development and refinement of your chosen design proposal rigorously documented

  Your design should be developed through active research, sketching, computer rendering, model-making, 3D Printing, materials research, prototyping, testing and exploration

- The success and appeal of your proposed innovative and sustainable qualities
- Design specification material to include a working drawing, manufacturing details and supporting material to prove viability of any Circular Economy Qualities and user satisfaction including ergonomics.

Deliverables

You must deliver:

- Design Journal – Part 2:

  Record and document your research and design process through the use of a design journal. It can contain sketches, research and exploratory work and should reflect the organic path that your project follows. The final submission may consist of pages from your sketchbook and printed elements.

- Prototype 1 & 2

  Prototype 1 – to be documented with images as part of your Design Journal

  Prototype 2 – physical prototype to be submitted

Making Scheme

CA2 is worth 40% of this module

Design Journal – Part 2 (Design Development Material) ***25%***
Level of exploration, research, sketching, development, prototyping, presentation, depth of documentation and professionalism

Design Journal – Part 2 (Design Specification Material) ***25%***
Quality of documentation, depth of documentation, proven viability, professionalism

Prototype 1 & 2 ***50%***
Design quality, prototype quality, development and refinement exhibited from P1 to P2, product success, requirements met, professionalism

Deadlines

You will be required to submit your Design Journal - Part 2 and Prototype 2 by **1pm Friday 15th November 2019 in DS2.**

Prototype 1 must be documented through photographs within your Design Journal (Design Development Material). The physical prototype will not be submitted.

You must submit a hardcopy of your design journal by this deadline and upload a digital copy of your Design specification material to Moodle.

Points to note

- Please note this is a three-part project, CA2 forms part 2
- It is your responsibility to source materials not available within the college
- 3D Printed elements may be produced internally if required.
- Use of the CNC is permitted but each student must consider delays associated with its use, thus jigs, inverted router and other manufacturing techniques should be considered first
- Manufacturing time for this project will be 2.5 weeks of scheduled class time, this allows 2.5 weeks per prototype requested
- **No access to the workshop will be permitted after Friday 15th November 2019**

Design Plagiarism

Copying an existing design is prohibited, if evidence is found that an existing design has been copied directly or indirectly and portrayed as your own work the student will forfeit all marks for this CA and will receive a zero grade.

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GMIT EXAMINATIONS – 2019/20

Continuous Assessment

Programme:	BSc in Furniture Design and Manufacture
Year:	3
Module:	Design Sustainability and Innovation
Module Credits:	10
CA Weighting:	20% out of 100%/ 2 Credits

Internal Examiners:	Jeremy Madden	Davin Larkin
External Examiners:	Mr. Stuart Montgomery	Mr. Simon Dennehy

Submission:

Assignment Issue Date: Week of 18 – 22nd Nov. 2019
Submission Date: Week of 2 - 6th Dec. 2019

Unless accompanied by a signed absence sheet, late submission will not be marked.

Instructions to Candidates:

Please read this brief carefully.

Candidates must be prepared to meet with the Internal Examiner to explain in person the material that they have presented and how they carried out this work, if requested.

Attendance of a minimum of 80% at timetabled classes is required; if this minimum is not fulfilled, it is at the lecturers' discretion whether to mark the project.

Task Lead Surfaces

Part 3: Product Marketing

Having extensively researched, exhaustively designed and systematically prototyped your innovative product, it must now be marketed and promoted to a panel of industry experts.

A successful product needs to tell a story to excite the market. This story must entice buyers through professional marketing material which will appeal to the right consumers. Your presentation and marketing material should emphasise this journey, promote its innovation and capture a potential user's imagination.

You must consider the user and their experience from learning about your product, to purchasing it, assembly, daily use and finally disassembly and/or recycling. With this in mind you are asked to successfully pitch your design to complete the product package.

Do not forget to clearly identify the sustainability, innovations and benefits of your design. These features and others are not necessarily evident to the everyday consumer in the products visual appearance.

Take risks, experiment, push boundaries and above all else innovate. The right marketing material will answer all your customer's questions before they know what they are.

Project Description

You are asked to develop a body of work that illustrates the following:

- The innovative, sustainable, circular economy attributes and collaborative elements of your design
- To design, develop and produce marketing and branding material associated with the product
- To professionally present, market and sell your design to a panel of experts

Deliverables

You must deliver:

- Marketing Presentation

  Prepare a 5-7 min verbally presented professional marketing presentation that will clearly explain and sell your design along with its features, you have to make the panel believe in your product. Think outside the box, utilise visuals, sound, video, web, media, show and tell and wow the panel.

- Marketing Material
  - *To aid your verbal presentation prepare 4 A2 Digital PDF Posters in Landscape Format. These boards should be extremely visual. The topics for each poster are*
    - ***(1) The Need** – tell your products story, what is the problem, why is there a need for this product, who will want it*
    - ***(2) The Use** - Focus on the user, explain the interaction, consider ergonomics, use scenarios, how will it improve the task, the innovation and collaboration*
    - ***(3) The Technical Side** – How does it work, explain your research, what are the connections, how will it be constructed/deconstructed, how does it address the circular economy*
    - ***(4) The Final Pitch** – Use this board how you wish to capture the panels attention, to make them believe in your product*

Making Scheme

CA3 is worth 20% of this module

Marketing presentation ***50%***
Professionalism, clarity, use of media, information presented, Q&A's

Marketing material ***50%***
Design quality, branding success, user satisfaction, information quality and professionalism

Deadlines

You will be required to submit a digital PDF copy of your marketing material by **11pm Tuesday 3rd December 2019 to LearnOnLine.** You may also wish to submit digital and/or hardcopy versions of your support marketing material using the same upload link. A schedule for presentations will be provided.

On the day of your **presentation you must submit your CA3 deliverables to the panel**. These include your CA3 Design Journal and your final prototype.

Design Plagiarism

Copying an existing design is prohibited, if evidence is found that an existing design has been copied directly or indirectly and portrayed as your own work the student will forfeit all marks for this CA and will receive a zero grade.

Design Sustainability & Innovation

Assessment Rubric

	Poor	Adequate	Satisfactory	Good	Excellent
Criteria	0 - 40	40 - 50	50 - 60	60 - 70	70 - 100
Research	Visual research only Poor or no evidence of research Poor research sources Little to no evidence of analysis of research Little to no evidence of application of research	Visual and some web based textual research only Adequate evidence of research Adequate research sources Minimal evidence of analysis of research Minimal evidence of application of research	Visual, web based and library text based research Satisfactory evidence of research Satisfactory research sources Satisfactory evidence of analysis of research Satisfactory evidence of application of research	Visual, web based and library text based research including primary and secondary sources Good evidence of research Good research sources Good evidence of analysis of research Good evidence of application and understanding of research	Visual, web based, library, journals, text based research including primary, secondary tertiary and action research sources Excellent evidence of research Excellent research sources Excellent evidence of analysis of research Excellent evidence of application and understanding of research
Process	Poor or no evidence of process Poor number of ideas generate, less than 10 No link to research Poor evidence of design development	Adequate evidence of process Adequate number of ideas generate, less than 20 Minimal link to research Minimal evidence of design development	satisfactory evidence of process Satisfactory number of ideas generated, less than 30 Some evidence of link to research Evidence of design development	Good evidence of detailed process Good number of ideas generated, more than 30 Strong evidence of link to research Strong evidence of design development	Excellent evidence of exhaustive process Good number of ideas generated, more than 30 Excellent evidence of link to research Excellent evidence of design development
Presentation (Verbal & Graphical)	Poor verbal presentation, product poorly explained Little to no consideration of graphical presentation of work presented Little to no evidence of branding material	Adequate verbal presentation, product poorly explained Adequate consideration of graphical presentation of work presented Minimal evidence of branding material	Satisfactory verbal presentation, product well explained Satisfactory consideration of graphical presentation of all work presented Evidence of multiple forms of branding material	Good verbal presentation, product fully explained Good consideration of graphical presentation of all work presented Evidence of multiple forms of branding material Product almost ready to be shipped	Excellent verbal presentation, product fully explained Excellent graphical presentation of all work presented Evidence of multiple forms of branding material Product fully ready to be shipped
Artefact	Unfinished or poorly constructed artefact Major structural flaws Poor or no finish Major development required for production	Adequately constructed artefact Minor structural flaws Adequate finish Minor development required for production	Satisfactory construction of artefact No structural flaws Satisfactory finish Minimal development required for production	Good construction of artefact No structural flaws Good finish Artefact ready for production	Excellent construction of artefact No structural flaws Excellent finish Artefact ready to be shipped
Form	Aesthetically unpleasing Little to no consideration of visual form Little to no consideration of design detailing Major refinement required	Aesthetically adequate Minimal consideration of visual form Minimal consideration of design detailing Minor refinement required	Aesthetically pleasing Satisfactory consideration of visual form Satisfactory consideration of design detailing No refinement required	Aesthetically good, competitive with existing competitors Good consideration of visual form Good consideration of design detailing No refinement required Possible award winning design	Aesthetically excellent, exceeds all existing competitors Excellent consideration of visual form excellent consideration of design detailing No refinement required Award winning design
Function	Poor user experience Major functional flaws Does not address user needs	Adequate user experience Minor functional flaws Addresses user needs adequately Further development required	Satisfactory user experience No functional flaws Addresses user needs satisfactorily Some further development required	Good user experience No functional flaws Addresses user needs fully No further development required Ability to compete with existing products	Exceptional user experience No functional flaws Exceeds user needs Functions better than all competitors Disruptive product
Innovation/ Sustainability	Poor or no evidence of innovative qualities Poor use of materials Poor use of manufacturing processes Poor or no evidence of link to research Poor or no evidence of sustainability	Adequate evidence of innovative qualities Adequate use of materials Adequate use of manufacturing processes Adequate evidence of link to research Adequate evidence of sustainability	Innovative qualities clearly evident in more than one element of project Satisfactory use of materials Satisfactory use of manufacturing processes Satisfactory evidence of link to research Sustainability evident in more than one element of project	Innovative qualities clearly evident throughout entire project Good use of suitable materials Good use of relevant manufacturing processes Good evidence of research led project Sustainability clearly evident throughout entire project Ability to compete with existing products	Ground breaking innovation evident in entire project Excellent use of suitable materials Excellent use of relevant manufacturing processes Entirely research led project, possibility for IP Protection Fully sustainable product including all components, packaging etc. Disruptive product

Professional Design Practice

Term 1

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	
2 - 6 Sept.	9 - 13 Sept.	16 - 20 Sept.	23 - 27 Sept.	30 - 4 Oct.	7 - 11 Oct.	14 - 18 Oct.	21 - 25 Oct.	28 - 1 Nov.	4 - 8 Nov.	11 - 15 Nov.	18 - 22 Nov.	25 - 29 Nov.	2 -6 Dec.	9 -13 Dec.	16 - 20 Dec.
Intro	Intro	Project 1 - Identify Brief						CA1						CA2	
		Design aerobics						**Hand up**	**Origination of Proposals**					**Origination of Proposals**	
Intro	Intro							10%						30%	

Term 2

	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29
6 - 10 Jan.	13 - 17 Jan.	20 - 24 Jan.	27 -31 Jan.	3 - 7 Feb.	10 - 14 Feb.	17- 21 Feb.	24 - 28 Feb.	2 - 6 Mar6h	9 - 13 March	16 - 20 March	23 -27 March	30 - 3 April	6 - 10 April	13 - 17 April	20 - 24 April
		CA3											Easter	Easter	CA3
	Trip	**Product Development**											**Easter**	**Easter**	**Hand up**
													Easter	Easter	40%

Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41
27 - 1 April	4 -8 May	11 -15 May	18 - 22 May	25 - 29 May	1 - 5 June	8 - 12 June	15 - 19 June	22 - 26 June			
			CA4								
Revision Week	**Summer Exams**	**Summer Exams**	**Presentation**	**Corrections Week**		**Award Boards**	**Student Consultation**				

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GMIT EXAMINATIONS – 2019/2020

Continuous Assessment

Programme: GA_SFUDM_8LM – BSc (Hons) Furniture Design & Man L8

Year: 4

Module: Professional Design Practice

Module Credits: 10

CA Weighting: 4 submissions 10%, 30%, 40% and 20%

Internal Examiner(s): Jeremy Madden
Dr. Susan Rogers

External Examiner(s): Mr. Simon Dennehy
Mr. Stuart Montgomery

Submission

Assignment Issue Date: 11th of September 2019

Submission Dates: 31st of October and 13th of December 2019, 24th of April 2020 and TBC of May 2020

Unless accompanied by a signed absence sheet, late submission will not be marked.

Instructions to Candidates:

This assessment is one piece of work with four linked elements. Failure to do one or poor-quality designing may result in effecting marks.

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Professional Design Practice
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THE BRIEF
Complementary Furniture

About the brief

Design a range of complementary furniture that is viable in the market place.

Think about designing for all in this fast changing society by designing a furniture range that is developed in the class critiques. Develop this range idea that it can be sold in volume to shops or through the internet. Look at a real world problem that can be solved and make money for the designer in this difficult environment. Design a marketable complementary range that can be produced utilising capabilities of the machinery in GMIT Letterfrack. Manufacture one of the smaller pieces to showcase your making skills and use visual presentations todemonstrate the remain range.

PRODUCT DESIGN
Want and Need

PROTOTYPE
Key features recognised

SKILLS

PROBLEM SOLVING

ADAPTABILITY

COLLABORATION

TIME MANAGEMENT

CRITICAL THINKING

DESIGN RATIONALE

Document showcasing how you work and think explaining elements like:
Environmental friendly
Circular economy
Innovative
Aesthetically developed
Understandable
Usefullness
Packageing
“A simple statement with a structure should be your aim”

“Guesses make messes”.

CONTINOUS ASSESSMENT

CA Project 1
Identifi cation of Research Topic 10%
CA Project 2
Origination of Proposals 30%
CA Project 3
Prototype Development 40%
CA Project 4
Prototype Presentation for Market 20%
Submission Dates:
CA 1 -1st of November 2019 10%,
CA 2 -13th of December 2019 30%,
CA 3 -24th of April 2020 40% and
CA 4 - TBC 20th of May 2020 20%
All portfolio materials are uploaded to moodle and Studio Pin ups, Curated studio work and exhibition quality products are left in Studio for assessment.

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Professional Design Practice
GMIT Letterfrack

THE BRIEF

Design a range of furiture

Details

We are going to use the design development from the critiques in class to design and manufacture a product that answers the problem you have addressed. First that innovative solution to the problem has to be worked out and developed. It is imperative that you draw from market research and ergonomic/anthropometrical data. Beautiful, simplistic design, coupled with practicality, fittness for purpose, adherence to relevant standards, marketability and cost will be key aspects.

FURNITURE
Excellent quality

USER NEEDS
Awareness and Analyse

BUSINESS PLANNING
Enterprise

ASSIGNMENT AIMS

PROBLEM SOLVING

ADAPTABILITY

COLLABORATION

TIME MANAGEMENT

CRITICAL THINKING

MAKING AND CRAFTSMANSHIP

LEARNING OUTCOMES

Students can analyze the product context and on this basis, builds a vision on the new product to be developed and determines its focus, its added value, its degree of innovation and its conditions.

Students can critically reflects on his/her own learning and work process and makes the appropriate adjustments.

Students can design ideas and visualize and simulate using sketches and 2/3D models..

ASSESSMENT CRITERIA & MARKING SCHEME:

CA 1 Portfolio
Quality of product research 35%, Idea presentation
30%, Finished Product idea 35%

CA 2 Porfolio and Artefacts
Quality of design refi nement 25%, Finished Product 50%, Understanding application of knowledge 25% (e.g. Costing, getting information, Proving success)

CA 3 Porfolio and Artefacts
Quality of design refi nement 25%, Finished Product 75%

CA 4 A1 poster presentation, Curated display of studio deliverables

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Assignment mark

Course: BSc	Year: 4				Subject: PDP			
Student:					Module Title:			
Critera/Value	0 - 1.9	2 - 2.4	2.5 - 2.9	3 - 3.4	3.5 - 5	Value	Weighting	Mark
	Poor	Adequate	Satisfactory	Sound	Excellent			
Quality of questioning and risk taking		2					4	8
Quality of technical application		2					6	12
Quality of product development	1.5						5	9
Quality of finish and presentation	1.2						5	6
Module co-ordinator: Jeremy Madden						Total Marks:		35
Comment:						Signed:		