UNIVERSITY OF LINCOLN

ARC2002M _ ARCHITECTURAL DESIGN

PROJECT _ BUTCHER BAKER CANDLESTICK MAKER

BRIEF

To make is to understand. This brief requires you to investigate a making process and design a building to accommodate it. The design should successfully address the building as a machine and also the notion of this machine as architecture.

The building has to accommodate all that is required in your specific 'making' process and also house a 'front of shop'. The building will be a live/work unit for your specified client; a butcher, baker or candlestick maker. The focus of this project is to understand the timeline of production in relation to layout and the relationship of public and private space in a commercial building. You must also demonstrate a true understanding of the requirements of the user through brief analysis. To achieve this you are asked to replicate and document the process of making of your client to produce an edible/useable product, while determining the spaces, mass, and form required within your building and their relationship to site and urban context

Particular attention should be paid to the treatment of the external areas of your site and 'streetscape' using your analysis of the surrounding urban condition to influence how you design. Lighting, materials, circulation, access, parking and planting must be resolved in the final design proposal. You must also consider how your design aesthetic can influence your 'streetscape' using your material pallet, proportion and rhythm and interior / exterior relationships for example.

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part 1 _ urban connotations, conurbations and making

An initial urban analysis of the cityscape and existing condition will be undertaken. You are required to investigate the following as existing and as proposition. Using an urban analysis as a starting point for site investigation you need to address the appropriateness of site and make a justified choice.

Alongside your urban analysis you are required to begin replicating and documenting the making process of your client, to form an understanding of process and requirements for your building. Developing massing models, which communicate, the scale, proportion and relationship of your building and the spaces within it to the urban context and site.

Both the above sets of analysis will primarily be undertaken through the production of models, development models and maquettes crafted in the workshop at an appropriate scale to the subject matter. Supported by the graphical presentation of diagrams and relevant images.

These decision-making processes need to be carefully curated and presented at the interim crit (week 4), where as a year group you will organize and host a dinner party. The butchers and bakers will prepare food and decorations provided by the candlestick makers (Further information on the preparation of this will be provided during your weekly briefing sessions).

Crit requirements

- Models and diagrams demonstrating circulation - pedestrian and vehicular
- Models and diagrams of existing functions and neighbourhood grain
- Maps demonstrating retail / residential analysis
- Models demonstrating land contours
- Diagrams demonstrating noise pollution and models exploring your response
- A crafted site model demonstrating orientation of site and scale of surrounding context
- Well presented Images of existing successful developments
- Massing models articulating building scale
- Diagrams and models defining space requirements and functions
- Documentation of your making process.
- The preparation and hosting of a diner party.

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Part 2 _ detailed design

You are required to design in detail a building of appropriate size on site including landscape. The scale of the building needs to be determined by the functions which you defined in part 1. This building is a machine that has to function as a production line, from raw material to finished product. You are required to research what your building requires to work and consider this in your final design proposal.

Through your final design you need to demonstrate that you have successfully addressed the following

- product manufacture process specific to your studio groups brief
- materials storage and circulation requirements
- fitness for purpose – detail the process of manufacture in the floor plan
- integrate spatial and formal design to generate exciting architectural design
- public and private space differentiation
- compliance with current regulations
- an understanding of materials, finishes, texture, colour and light in the final building design
- external design and relationship to context, access, parking, planting, finishes

REQUIREMENTS FOR FINAL CRIT

- All work presented in the interim crit
- site plan showing roof plan, site layout and landscape proposal
- floor plans to an appropriate scale
- development models
- A crafted model of your final building to an agreed scale tbc
- 4 sections showing context and site to an appropriate scale
- elevations of building in situ to an appropriate scale showing context
- visualisations demonstrating the quality of space internally and externally
- development work and support drawings – design evidence
- design process formally presented
- sketchbooks
- investigation and analysis documentation

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BUTCHERS SITE

BAKERS SITE

CANDLESTICK MAKERS SITE

Architectural Design Projects 2015-16

1. Basic Module Data

Module Title:	Architectural Design Projects
School:	School of Architecture & Design
Subject:	Architecture
Module Code:	ARC2002M
Credit Rating:	30
Level:	Level 2
Pre-requisites:	None
Co-requisites:	None
Barred Combinations:	None
Module Co-ordinator(s):	Simone Medio (smedio)

2. Module Synopsis

Students undertake design projects set by the tutor to explore principles, theories, methodologies or concepts. Appropriate working methods are introduced and guided by the tutor. Defined products are required at intermediate stages and at the end of each project. The unit will be delivered using independent or linked design projects, one of which, because of the level of detail required, may be relatively small in scale. Projects may include housing, landscape, public buildings or conversion of existing buildings.

The aims of this module are -
• to engage with principles, theories, methodologies or concepts,
• to apply them in architectural design projects
• to develop powers of analysis,
• to understand the consequences of design decisions

3. Outline Syllabus

The syllabus focuses on the application of principles, theories, methodologies or concepts in developing architectural design projects, including -
• interpretation and development of a given brief and research material
• spatial and formal design
• structure, construction and environment
• fitness for purpose and ergonomic design.
• materials, finishes, texture, colour and light

4. Module Learning Outcomes

LO1	Undertake research independently and as part of a team.
LO2	Analyse briefing material including, where relevant, client, site, theory, environment and other pertinent issues identified by the tutor.
LO3	Apply principles, theories, methodologies or concepts in the development of design proposals.
LO4	Undertake design projects which address spatial and formal design, structure, construction and environment, fitness for purpose and ergonomic design, materials, finishes, texture, colour and light and detail in a given aspect of design.
LO5	Analyse and show the relevance of, and offer alternatives to, the chosen solution.
LO6	Communicate the chosen solution with appropriate drawings, models, written and verbal presentations, including graphic representation of qualities of materials, finishes, texture, colour and light.

5. Learning and Teaching Strategy/Methods

By seminar, tutorial, group tutorial, student-led discussion, visits and critiques. By demonstrations, structured set of exercises, and with tutorial help in the use of computer programmes. By self-directed research, individual tutorials and peer group tutorials in the studio.

6. Assessment

Coursework: 100% Coursework Assessment will be through design project assignments presented in an exhibition context. That is, specified exhibition material together with a portfolio and sketchbook including preliminary studies and design development work presented by the student with an opportunity to answer questions from the assessment panel. Feedback is given verbally and in writing in crits and a portfolio review. All assignments contribute to the module mark reported to the exam board.

Assessment Method	Weighting (%)	Learning Outcome(s) Tested	Group Work
Coursework	100	LO1, LO2, LO3, LO4, LO5, LO6	No

7. Professional, Statutory and Regulatory Body Requirements

This module is part of the Bachelor of Architecture with Honours qualification which is recognised by ARB at Part 1 level for the purposes of registration as an architect, and recognised by RIBA. This module is part of the BA (Hons) Architecture qualification which is not recognised by ARB and RIBA.

8. Indicative Reading