



|   |  |
|---|--|
| <b>Title:</b>   | 3D Design:Furniture <b>APPROVED</b>  |
| <b>Long Title:</b>  | 3D Design:Furniture  |
| <b>Module Code:</b>   | ARCH6089   |
| <b>Duration:</b>  | 1 Semester   |
| <b>Credits:</b>   | 5  |
| <b>NFQ Level:</b>   | Fundamental  |
| <b>Field of Study:</b>  | Architecture & Urban Environment   |
| <b>Valid From:</b>  | Semester 1 - 2019/20 ( September 2019 )  |
| <b>Module Delivered in</b>  | <a href="#">2 programme(s)</a>   |
| <b>Next Review Date:</b>  | April 2024   |
| <b>Module Coordinator:</b>  | Samuel Vardy   |
| <b>Module Author:</b>   | Martin Boylan  |
| <b>Module Description:</b>  | This module offers an introduction to furniture design (freestanding and fitted) with a strong emphasis on ergonomics,functionality and aesthetics |
| <b>Learning Outcomes</b>  |  |
| <i>On successful completion of this module the learner will be able to:</i>   |  |
| LO1   | Identify and evaluate relevant precedent,the ergonomic and functional requirements of a specific piece of furniture and material appropriateness.  |
| LO2   | Progress an initial design concept through sketch/drawings in conjunction with 3D sketch model.  |
| LO3   | Produce a series of rendered presentation drawings and simple detail drawings to communicate their design.   |
| LO4   | Produce scaled models to a presentation standard which communicate their proposed design in terms of scale,form,materiality and colour.            |
| <b>Pre-requisite learning</b>   |  |
| <b>Module Recommendations</b><br><i>This is prior learning (or a practical skill) that is strongly recommended before enrolment in this module. You may enrol in this module if you have not acquired the recommended learning but you will have considerable difficulty in passing (i.e. achieving the learning outcomes of) the module. While the prior learning is expressed as named MTU module(s) it also allows for learning (in another module or modules) which is equivalent to the learning specified in the named module(s).</i> |  |
| <b>Incompatible Modules</b><br><i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module. You may not earn additional credit for the same learning and therefore you may not enrol in this module if you have successfully completed any modules in the incompatible list.</i>   |  |
| No incompatible modules listed  |  |
| <b>Co-requisite Modules</b>   |  |
| No Co-requisite modules listed  |  |
| <b>Requirements</b><br><i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed. You may not enrol on this module if you have not acquired the learning specified in this section.</i>   |  |
| No requirements listed  |  |

**Module Content & Assessment**

**Indicative Content**

**3D Design: Furniture, Projects**

This elective module consists of two projects, the design of a free standing and fitted piece of furniture respectively. On analysis of the brief the student progresses a design from initial concept to a resolved design proposal through sketch and sketch model while considering the following: context, function, scale, ergonomics, materials, construction, colour and target market. Presenting their proposal through rendered orthographic drawings, visuals and a scaled model.

| Assessment Breakdown | %       |
|----------------------|---------|
| Course Work          | 100.00% |

| Course Work     |  |                   |            |                 |
|-----------------|--|-------------------|------------|-----------------|
| Assessment Type | Assessment Description   | Outcome addressed | % of total | Assessment Date |
| Project         | Design a freestanding piece of furniture, research and evaluate: precedent, context, function, material and construction options. Develop through sketch and sketch model to arrive at a resolved design proposal which unites functionality and aesthetic | 1,2,3,4           | 45.0       | Week 6          |
| Project         | Design a fitted piece of furniture, research and evaluate: precedent, context, function, material and construction options. Develop through sketch and sketch model to arrive at a resolved design proposal which unites functionality and aesthetics      | 1,2,3,4           | 55.0       | Sem End         |

No End of Module Formal Examination

| Reassessment Requirement  |
|---|
| <p><b>Coursework Only</b><br/>This module is reassessed solely on the basis of re-submitted coursework. There is no repeat written examination.</p> |

**The institute reserves the right to alter the nature and timings of assessment**

**Module Workload**

| <b>Workload: Full Time</b>                    |  |              |                  |  |
|---|--|--------------|------------------|--|
| <i>Workload Type</i>                          | <i>Workload Description</i>                  | <i>Hours</i> | <i>Frequency</i> | <i>Average Weekly Learner Workload</i> |
| Tutorial                                      | Studio based learning                        | 3.0          | Every Week       | 3.00                                   |
| Independent & Directed Learning (Non-contact) | Research and development of elective project | 4.0          | Every Week       | 4.00                                   |
| Total Hours                                   |  |              |                  | 7.00                                   |
| Total Weekly Learner Workload                 |  |              |                  | 7.00                                   |
| Total Weekly Contact Hours                    |  |              |                  | 3.00                                   |

| <b>Workload: Part Time</b>                    |  |              |                  |  |
|---|--|--------------|------------------|--|
| <i>Workload Type</i>                          | <i>Workload Description</i>                  | <i>Hours</i> | <i>Frequency</i> | <i>Average Weekly Learner Workload</i> |
| Tutorial                                      | Studio based learning                        | 3.0          | Every Week       | 3.00                                   |
| Independent & Directed Learning (Non-contact) | Research and development of elective project | 4.0          | Every Week       | 4.00                                   |
| Total Hours                                   |  |              |                  | 7.00                                   |
| Total Weekly Learner Workload                 |  |              |                  | 7.00                                   |
| Total Weekly Contact Hours                    |  |              |                  | 3.00                                   |

## Module Resources

### *Recommended Book Resources*

- Christopher Stuart 2011, *DIY Furniture*, Laurence King Publishing [ISBN: 978-1-85669-7]
- Fiell, Charlotte and Peter 2000, *1000 Chairs*, 1st Ed., Taschen [ISBN: 3-8228-5760-2]
- Fiell, Charlotte and Peter 1991, *Modern Furniture Classics, Post War to Post Modernism*, 1st Ed., Thames and Hudson London [ISBN: 0-500-28300-1]

*This module does not have any article/paper resources*

*This module does not have any other resources*

**Module Delivered in**

| <b>Programme Code</b> | <b>Programme</b>  | <b>Semester</b> | <b>Delivery</b> |
|-----------------------|---|-----------------|-----------------|
| CR_DINAR_8            | <a href="#"><u>Bachelor of Science (Honours) in Interior Architecture</u></a> | 3               | Elective        |
| CR_DIARC_7            | <a href="#"><u>Bachelor of Science in Interior Architecture</u></a>           | 3               | Elective        |