



Subject:	Architecture (AR) - Elective
Subject Outline:	The Architecture subject engages students with both the sciences and the arts. The course provides an introduction to the design and construction of the built environment as well as giving an insight into architectural history and theory. On completion of the subject, students will gain a basic understanding of the architectural design process and be able to distinguish relevant historical and contemporary precedents in architecture. The subject focuses on teaching students valuable research skills and communication skills in preparing them for the requirements of the University of Queensland's first year architecture program.
Objectives:	On successful completion of this subject, students will be able to: <ol style="list-style-type: none"> 1. Apply architectural design principles to the development of three-dimensional form and space (GA 3, 5) 2. Communicate design proposals using a variety of media (GA 1) 3. Develop research and analytical skills to assist in the identification of essential architectural design precedent to inform the design process (GA 2, 5) 4. Identify the influence of selected architectural historical periods and types of societal factors that form the precedent for architecture today (GA 2, 5) 5. Analyse the impact of environmental factors on architectural design (GA 2, 5) 6. Undertake the architectural design process to develop an appropriate outcome to an architectural brief (GA 2, 5, 6)
Graduate Attributes (GA):	On completion of the Foundation Program, students will be able to: <ol style="list-style-type: none"> 1. Communicate effectively in English in a variety of contexts, circumstances and modes 2. Demonstrate relevant, practical and theoretical knowledge in a subject area 3. Apply relevant academic literacy skills in a subject area 4. Apply relevant numeric literacy skills in a subject area 5. Apply critical, analytical thinking, and problem solving skills for academic contexts 6. Work independently and collaboratively in a cross-cultural context 7. Demonstrate academic integrity
Contact Time:	<ul style="list-style-type: none"> ➤ Standard Students – Four (4) hours per week including one (1) hour tutorial. ➤ Express Students – Five (5) hours per week.
Attendance:	Students are expected to attend all classes, lectures and practical sessions. Attendance is highly valued and contributes directly to the academic success of the student. Attendance is monitored as described in the Attendance Policy.
Tutorials:	Standard students receive assistance from tutors, which involves clarifying concepts discussed in teacher classes, helping students to comprehend and solve questions/problems and providing direction for students about current assessment activities. Express students while not having tutorials, do have less structured student led sessions as part of their program, which encourage students to actively participate in class.
Resources	Architecture Moodle Site
Content and Skills :	<ol style="list-style-type: none"> 1. Topics <ul style="list-style-type: none"> ● Introduction to the Design Process ● Introduction to the Design Precedent ● Introduction to Visual Communications ● Making the connection between Art and Architecture



	<ul style="list-style-type: none"> ● Making the connection between Art and Mathematics (Proportion) ● Site Analysis – current and historic ● The use of Space, Light and Material in Architecture ● Critical Influences in Architecture and Design ● Making the connection between Classicism and Modernism ● The importance of Anarchy and Expressionism in Architecture <p>2. Activities</p> <ul style="list-style-type: none"> ○ The gathering and analysis of Design Precedent ○ Recording the Design Process in a Design Report ○ The art of communicating through visual mediums ○ Observing and recording through hand drawing ○ Site Analysis <ul style="list-style-type: none"> ○ Historical ○ Environmental ○ Topographical ○ Social ○ Potential ○ Design Process <ul style="list-style-type: none"> ○ Seeking opportunities within the Brief ○ Using Design Precedent to inform the Design Process ○ Analysing of works of Art as an inspiration ○ Identifying critical Architectural precedent ○ Communicating a Concept with drawings and models ○ Writing a Design Statement ○ Producing a Design Report ○ Final Design <ul style="list-style-type: none"> ○ Exploring the three dimensional form through sketch models ○ Visually communicating the Design Precedents ○ Producing presentation panel and final model of the final design for exhibition ○ Producing a Design Report
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Students in both the standard and express programs are assessed through the following assessment activities:

Assessment Activity	Description	Weighting
Design Report Part 1	Students engage in the Design Process developing their observation, research, analysis and communication skills. Students develop visual communication skills through hand drawing, creating collages and through photography. Research is conducted by analysing works of Art as a source of inspiration to inform the Design Process. Each piece of work produced by the students is collated into a final Design Report which captures the Design Process. The Design Report is presented to the rest of the Class.	20%
Design Project Part 1	Students develop their Design Process methodology by designing and making a small structure using a simple materials palette. The structure must capture the imagination and express its inspirational precedent. Individually students will research forms of Nanotecture and work in groups to design and make the structure.	20%



Design Project Part 2	Working individually students will create a Concept for a building within the public realm. Students will work with a client who defines the user requirements with an architectural brief. Aspects include researching for Design Precedent, defining sources of inspiration, analysing building user requirements, conducting site analysis, making a site model to scale and using sketch models to explore form.	15%
Design Project Part 3	Students develop their Concept into a Scheme Design. Aspects include drawing plans and elevations to scale, model making to scale and preparing a presentation panel for an exhibition	20%
Design Report Part 2	Students have continued to build their Design Report capturing their Design Process and sources of Design Precedent throughout the two Semesters. The final report will be submitted as a hard copy and presented to the class.	10%
Final Exam	Students conclude their studies by demonstrating an understanding of the critical precedents, theories and influences in architecture with references to examples of Classicism, the Renaissance, Expressionism, Modernism and Deconstructivism.	15%