

ARCHDES 700 | ADVANCED DESIGN 1 | TOPIC OUTLINE | SEM 1 2019

Advanced Design 1 is the integrated design project for the MArch(Prof). Students are required to address a challenging and conceptually complex architectural design and to achieve a fully resolved design project, together with developed design studies sufficient to explain the proposed building's construction, structure, materials and natural environmental performance. Emphasis will fall upon the development of strategic responses to differing, changing or extreme environmental conditions. Focus on site, thermal, natural environment, material and ecological issues.

MATT LIGGINS

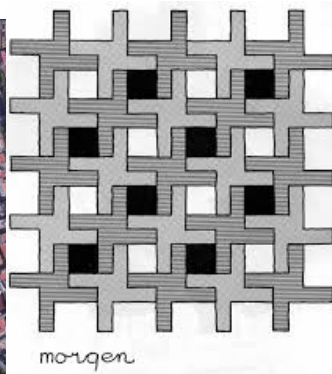
Architect / Artist

www.mattliggins.com

019-SS ad1 urban infrastructure

CASBAH URBANISM ALCAZAR URBANISM

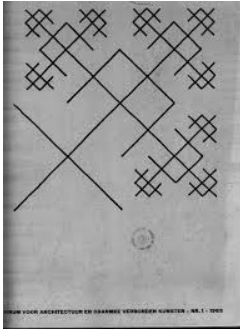
‘Museo de la Ciudad de Sevilla/Museum of the City of Seville’



Top left: Proposed site in Seville – Google Maps

Top right: Configurative patterns towards new systems of collective form.

Morgen (tomorrow), unsigned drawing from Forum 5



Top left: Between 1959 and '63, in a series of 23 issues of Forum, van Eyck and others set out a vision of collective form. Forum cover 1963/1
Top right: The culmination of a period in which the vertical city and the village were conflated. Habitat, Montreal by Moshe Safdie, 1967

GENERAL COURSE INFORMATION

Course :	Advanced Design 1 ARCHDES700
Points Value:	30 points
Course Director:	Sarosh Mulla: s.mulla@auckland.ac.nz
Course Co-ordinator:	Aaron Paterson:aaron.paterson@auckland.ac.nz
Studio Teacher:	Matt Liggins
Contact:	matt@mattliggins.com - +64210409021
Location:	TBC
Hours:	Tuesday and Friday 1:00-5:00pm

For all further general course information see the ARCHDES700 COURSE OUTLINE in the FILES folder on CANVAS.

CASBAH URBANISM / ALCAZAR URBANISM

'Museo de la Ciudad de Sevilla/Museum of the City of Seville'

The 4th year 'river'/canal site which we are considering, together with the ETSAS tutors, is 'new', pivotal and prominent between the monumental historic/cathedral centre to the south-east and the 1992 Expo site and 2016 180m Torre Sevilla 'centre' to the north-west.

Multiple re-workings of this sector of the Canal de Alfonso XIII has left this south-east corner of the 1991 Puente del Cristo de la Expiracion el Cachorro 'undeveloped, 'vacant' and featureless though 'occupied' by an underground car park covered by basketball courts and encircled by Calle Rey Juan Carlos I and the canal-side promenade and cycle-path.

Historically it is just outside the long demolished medieval Almoahad city walls at the baroque Puerta Real/Royal Gate which led into the middle of the casco antigua. Being 300m from the Museo de Bellas Artes de Sevilla/Museum of Fine Arts of Seville and 400m across the water from the demolished Castillo San Jorge it might be appropriate to propose here a prominent urban event such as a 'Museo de la Ciudad de Sevilla/Museum of the City of Seville' or a regional library or archives combined with 24/7 canal embankment programming [i.e. residential, hospitality etc] so in effect a new castillo/castle, alcazar/palace or kasbah/keep and consider the formal texture of 60s Dutch kasbah urbanism.

From visiting, researching and analysing kasbah and alcazar designs from Spain and Morocco, students are to draw upon the rich history of the site, culture, politics and arts to determine their **own specific brief and program** for their public museum/cultural centre.

TOPIC STRUCTURE AND CONTENT

SPECIAL NOTE: This section of 019-Seville Studio is fully subscribed

Preparatory Meeting 1 / 20 September - Introduction to 019-Seville Studios

Preparatory Meeting 2 / 20 October - Introduction to AD1 topic and discussion

Preparatory Meeting 3 / 20 October - AD1 group studio precedents [handouts of premodern and modern precedents] discussion

Preparatory Meeting 4 / 7 November - Moroccan architecture presentation - 6 research ideas pin up

Preparatory Meeting 5 / 14 November - Andalusian architecture presentation - 6 developed research ideas pin up

Preparatory Meeting 6 / 21 November - Spanish architecture > presentation – 6 developed research ideas pin up

Preparatory Meeting 7 / 20 February – site concept pin up and 6 developed research ideas

Preparatory Meeting 8 / 27 February – developed concept site plan, concept site section pin up and 3 developed research ideas

Week	Date	Event
Week 1	Mon 4.3	12pm All architecture meeting, rm 311
	Tue 5.3	1pm One on Ones
	Fri 8.3	One on Ones Pin up 2pm-4.30pm
Week 2	Tue 12.3	One on Ones
	Fri 15.3	Pin up Guest Critic
Week 3	Tue 19.3	One on Ones
	Wed 20.3	Print A0 banner
	Thur 21.3	Assemble project posters and models
	Fri 22.3	Fly to Morocco via Dubai
	Sat 23.3	Sat 23.3- Sun 31.3 > Moroccan architecture study tour
Week 4	Sun 31.3	Moroccan architecture study tour
Week 5	Mon 1.4	10am-6pm project reviews reviews at ETSAS
	Tue 2.4	Morning individual studio project site visits; afternoon ETSAS design project tutorials
	Wed 3.4	10am-6pm ETSAS design project tutorials
	Thu 4.4	10am-6pm ETSAS design project tutorials
	Fri 5.4	Seville urban, suburban, canal and river contexts sites visit tour
	Sat 5.4	Spain architecture study tour [bus crits]
Week 6	Mon 8.4	Spain architecture study tour [bus crits]
	Fri 12.4	Spain architecture study tour

		[bus crits] AD1 Mid semester crits
		MID-SEMESTER BREAK
	Mon 15.4	Spain architecture study tour [bus crits]
	Sun 21.4	Spain architecture study tour [bus crits]
	Mon 22.4	10am -6pm ETSAS design project tutorials
	Tue 23.4	10am -6pm ETSAS design project tutorials
	Wed 24.4	10am-6pm ETSAS design project tutorials
	Thu 25.4	10am -6pm mid-semester reviews at ETSAS
	Fri 26.4	10am -6pm mid-semester reviews at ETSAS
	Sat 28.4	Abu Dhabi and Dubai architecture study tour
Week 7	Mon 29.4 Tue 30.4	Arrive back in Auckland One on ones – ETSAS Feedback Review
	Fri 3.5	Pin up - – ETSAS Feedback Revisions
Week 8	Tue 7.5 Fri 10.5	One on ones One on ones
Week 9	Tue 14.5 Fri 17.5	One on ones Pin up
Week 10	Tue 21.5 Fri 24.5	One on ones Pin up
Week 11	Tue 28.5 Fri 31.5	One on ones One on ones – Design Report Due
Week 12	Tue 4.6 Fri 7.6	One on ones AD1 Final Studio Reviews

RESOURCES

All 019-SS AD1 students have, in addition to the 019-SS general information handouts detailing the rationale for international studios, the rationale for studying at ETSAS and Seville, and the group itinerary and budget, design studio topic outlines, precedents lists for buildings.

Moroccan, Andalucian and Spanish architecture Powerpoint presentations geared to the various 019-SS year level topics are available on Canvas.

An extensive image bank on architectural practices in Morocco and Spain is available in the 019-SS Google Folder.

SOME REFERENCES / PRINT

Tom Avermaete and Maristella Casciata. Casablanca Chandigarh. A Report on Modernisation. Montreal: Canadian Centre for Architecture.

Keith Critchlow. Islamic Patterns: An Analytical and Cosmological Approach. New York: Thames and Hudson, 1976.

Dodds, Jerilynn D. ed. Al-Andalus: The Art of Islamic Spain. New York: Metropolitan Museum of Art, 1992.

Richard Ettinghausen et al, ed Islamic Art and Architecture, 650-1250. New Haven: Yale University Press, 2001.

Wim van Heuvel, Structuralism in Dutch Architecture, Rotterdam 1992.

Spiro Kostof. The City Shaped: Urban Patterns and Meanings Through History, Thames and Hudson, London, 1991

Karl Fournier and Olivier Marty (text Tom Delavan and Dan Glasser photographer) Studio KO. New York: Rizzoli. 2017

Jean-Francois Lejeune and Michelangelo Sabatino. Modern Architecture and the Mediterranean: vernacular dialogues and contested identities. London and New York: Routledge, 2010

MAROC/maroc = L'Architecture d'Aujourd'hui 408 (septembre 2015) (special thematic issue on recent work in Morocco)

Simon O'Meara. Space and Muslim Urban Life. At the limits of the Labyrinth of Fez. London, New York and Abingdon. Oxon: Routledge, 2007.

Robert Ousterhout and D. Fairchild Ruggles. "Encounters with Islam: The Medieval Mediterranean Experience, Art, Material Culture, and Cultural Interchange." *Gesta* 43, no.2 (2004) : 83-85

Oxman, Hadas Shadar and Ehud Belferman, 'Casbah: A Brief History of a Design Concept' *Architecture Research Quarterly / ARQ* vol. 6 no.4 (2002), pp. 321-336.

Sacha Rudofsky. *Architecture Without Architects: A Short Introduction to Non- pedigreed Architecture*. New York: Museum of Modern Art, 1964.

D.Fairchild Ruggles, "The Alcazar of Seville and Mudejar Architecture." *Gesta* 43, no.2 (2004): 87-98.

Florian Schaetz (ed). *Fes Reborn. Project on an Ancient City*. Singapore: National University of Singapore (Architecture), 2011.

Alison Smithson, "Mat-Building, mainstream architecture as it has developed towards the mat building", in: *Archititectoral Design* 9/1974, London.

Some References / Electronic

[Etas.us.es](http://etas.us.es)

<http://www.rogermimo.com/todra/en-architecture.htm>

<http://www.facebook.com/BEYArK.coop/> & <https://beyark.org/>

www.azizachaouniprojects.com

www.salimanaji.org

https://en.wikipedia.org/wiki/List_of_most_visited_art_museums

https://en.wikipedia.org/wiki/List_of_museums_in_Spain

<https://www.dezeen.com/2017/12/04/10-best-museum-gallery-buildings-architecture-2017-review-roundup/>



Louvre Abu Dhabi, © Ateliers Jean Nouvel, 2017 Ground Floor Plan

REQUIRED PRODUCTION

6 concept images and a concept site plan from the preparatory stages in November and February are required.

An Banner Print and a final concept model is required to be presented on 1 April at ETSAS. Can bring some concept models.

At least a post a day on Instagram of your choice and comment with #019-SS and 6 A4 sketches from Morocco are required to be presented at the ETSAS review on 1 April. 6 A4 sketches from Spain are required to be presented at the ETSAS review on 25th April.

At the final ETSAS reviews on 25 and 26 April a developed design is required.

Review at UoA on 30 April is required to register the mid-semester review comments made at ETSAS. Pin up on Friday 3rd May with Revisions.

The final review materials must contextualize the design in order that it is unmistakably sited in Seville and in a specific architectural context on Canal de Alfonso XIII

A location plan at 1:500, a detailed site plan at 1:200, and architectural plans, sections and elevations at 1.50 TBC

A design report form of workbook documenting the design iterations.

DESIGN REPORT

All AD1 students are required to prepare a Design Report. This will take the form of a 350-400 word abstract. An abstract is a condensed piece of writing that highlights the major aspects of your design project: the content, context, scope and outcomes of the design research. The abstract should be a finely crafted piece of text accompanied by a single image of your project. A template will be given and all abstracts must be submitted in the template both in print and in digital format (venue TBC). All final Design reports are due on **Friday 31 May** so that they can be published and circulated to your critics well ahead of crit week.

ASSESSMENT & FEEDBACK

This course is assessed as 100% coursework. Conversational feedback is given throughout the semester. Written feedback, with indicative grading, is given at a date around the mid-point of the semester. All further information regarding assessment is available in the ARCHDES 700 Advanced Design 1 Course Outline (on Canvas).

LEARNING OUTCOMES

General Course Outcomes: On successful completion of this course students should be able to:

- *Theory:* Show evidence of development of critical thinking and conceptual consistency throughout the design process.
- *Architectonics:* Demonstrate abilities to advance conceptual thinking and design propositions through identifying and addressing issues of materiality, structure and construction.

- *Performance*: Show abilities to advance conceptual thinking and design propositions through interrogating and addressing in depth the natural environmental, contextual, and programmatic factors underlying the project.
- *Form and Space*: Demonstrate skill in the development of three dimensional architectural form and space, both exterior and interior.
- *Media*: Display skill in the communication and development of conceptual, preliminary and developed design propositions through the strategic use of architectural media.

Specific Topic Outcomes: This studio topic will engage the general course outcomes in the following ways:

- **Theory:** This studio draws upon researching the theories and history of Casbah and Alcazar design and it's translation into a modern architectural context and deploys theory / history as a tool for understanding the socio-political forces that regulate museum design of Servile. By the end of the semester, students will be able to take a critical and creative standpoint towards their design.
- **Architectonics:** Explore appropriate materiality and structural requirements of a large scale public museum which is in context to the City of Servile.
- **Performance:** Demonstrate an understanding of the environmental performance of the design across a range of scales – especially with regard to relationships with neighboring buildings, infrastructure and the Canal de Alfonso XIII.
- **Form and space:** Show an excellent understanding of the museums exterior form in relation to concept design and appropriate scale. Interior spacial design sufficient for museum artifacts.
- **Media:** Work with various modelling and drawings techniques to iterate a design proposition relate to the context and materiality of the Servile and southern Spain.