

DESIGN AND BUILD YOUR DREAMHOUSE // School Holiday Program

8th and 9th July 2018

Step into the shoes of an architect for 2 days.....

The ACT Chapter of the Australian Institute of Architects, in collaboration with the Faculty of Arts and Design at the University of Canberra, are offering a 2 day design workshop. University of Canberra architecture students will guide you through the various steps architects take developing a brief, exploring designs, preparing drawings and making a model for your very own dream house.

You can choose who you want to design for - yourself, a friend, someone who's famous, a superhero(ine), a pet or an imaginary character. You will need to think about what their needs and wants are for the house they will live in. You also get to decide the site where the house will be located. It can be an imaginary place like a tropical island, up in the mountains or even on the moon, or you can locate it somewhere real like your house site.

At the end of the workshop, you get to take your Dream House drawings and model home to share with your family.

Who can participate?

If you're between 9 years old to 12 years old, interested in design ideas, and want to have fun building a model, then this is the workshop for you. You don't need to have any technical or drawing skills before this workshop.

Tutors

You will be placed in groups and partnered with a tutor to assist in developing ideas through all stages of the workshop. There will be approximately 1 tutor to 8 children. Tutors are University of Canberra architecture students who are also student members of the Australian Institute of Architects.

Refreshments

Students are to bring their lunch or purchase items from the University Refectory. All visits to the Refectory or other areas of the University will be supervised by tutors. Morning and afternoon tea including drinks and fruit will be provided on both days.

Registration Fee

Registration for the 2 day workshop is \$190.00 which covers the cost of all materials for drawing and model making. Places are limited to 45 students so register early to avoid missing out. Register by email to act@architecture.com.au or phone 6208 2100 for queries.

Contacts

Workshop Organiser: Janet Thomson, Architect

Enquiries may be directed to the Australian Institute of Architects on 6208 2100 or act@architecture.com.au

Health and Medical

The workshop organiser holds a current First Aid Certificate, and Working with Vulnerable People's Card. There is also a Medical Centre on campus. Should any first aid be required, parents and guardians will be duly informed

Reproduction of images and photos taken during the Workshop

The Design and Build Your Dream House school holiday program is part of an Australian Institute of Architect's program of community based activities and may be promoted in various forms of media. Permission to use images taken for promotion in digital and print publications will be sought prior to the workshop

The Workshop Program

Day One **Monday 8th July 2018**

8.45-9.00am **Drop off kids and verify contact details of parents/guardians**

9.15am **INTRODUCTION** (by convenor)

9.20am **CLIENT BRIEFS / CLIENT MODELS**

- Discuss the 'client' of the dream home, "**who to design for**"
- Considerations: practical and special needs, characteristics, likes, dislikes, habits, etc that will inform the design process.
- Use proforma sheets to list 'client brief' requirements and spatial needs.
- Model 'clients' at appropriate scale for use in house models.

10.30am **MORNING TEA** (will be provided)

10.50am **SITE PLAN / CHARACTERISTICS**

- Why a site survey and analysis is required, as response to "**where to design**"
- Use proforma sheets to record information in bird's eye plan format. Draw site as location for siting dream house. Discuss orientation, ways of representing information, scale.
- Option to use real site or imaginary site.

11.30am **DRAWING EXERCISE**

- Discuss how architects convey ideas.
- Plans, elevations and sections drawing exercise.
- Terminology: plan = bird's eye view; elevation = flat side-on view; section = cut-through view

12.30pm **LUNCH** (students to bring their own lunches, or lunches can be purchased at the University Refectory)

1.30pm **DESIGN DRAWING**

- Design Drawing: explore Dream House design through individual plans, elevations and sections.
- Use the 'client brief' and site survey information to develop Dream House designs.
- Hints: list rooms required, link rooms through bubble diagrams, consider the size of rooms.
- Consider types of materials, quality of spaces.
- Pin up drawings.
- Tours to view University of Canberra architecture students' projects for inspiration.

3.30pm **AFTERNOON TEA** (will be provided)

4.00pm **TEMPORARY SHELTER**

- Model making exercises using card (A4). Create 3-dimensional shapes from a 2-dimensional plane to make a temporary shelter for the client overnight (until dream house is ready for habitation).
- Criteria: self-supporting, wind resistant, adequate shelter for clients

4.45pm **CONCLUSION OF DAY 1 ACTIVITIES**

- Discuss next day's activities, and materials that will be provided. Option for students to bring in additional materials.

Day Two Tuesday 10th July 2018

- 9.00am MODEL MAKING**
- Review of Day One activities.
 - Distribute model-making materials amongst groups
 - Ground rules: Blades can only be used by tutors. Caution with glue guns
 - Base boards provided, so models have a size limitation (for ease of transport)
 - Commence model-making session
- 10.30am MORNING TEA (Will be provided)**
- 11.00am MODEL-MAKING**
- Continuation of model-making session
- 12.30pm LUNCH IN THE COURTYARD (students to bring their own lunches, or lunches can be purchased at the University Refectory)**
- 1.30pm MODEL-MAKING**
- Continuation of model-making session
- 3.30pm AFTERNOON TEA (Will be provided)**
- 4.00pm MODEL-MAKING**
- Continuation of model-making session
 - Take photos of models and groups
- 4.20pm FINISH OFF MODEL MAKING / TIDY UP**
- Students to collect drawings and models, as well as bags, jackets and personal belongings
 - All participants to help tidy up studio space
- 4.45pm CONCLUSION OF DAY 2 ACTIVITIES.**
- 5.00pm PICK UP BY PARENTS**

Remember.....

Technical or drawing skills are not necessary, just imagination and a willingness to explore and develop ideas. The focus of the workshop is to have fun and exercise your creativity in designing and making your dream house.

Materials that will be provided:

All materials and equipment required for drawing and model making will be provided, including:

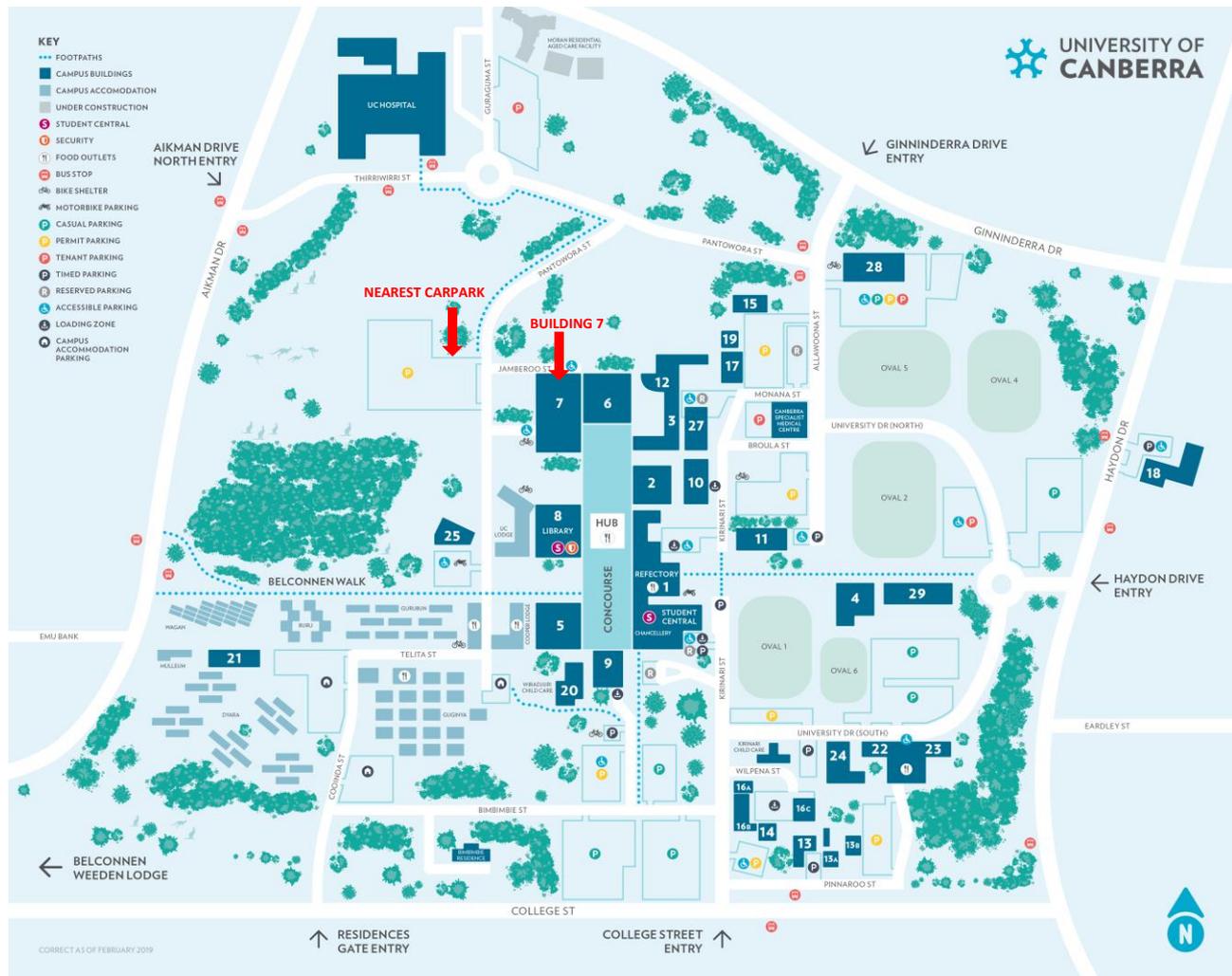
- Lead pencils, coloured pencils, felt tips pens, crayons, erasers, rulers, pencil sharpeners, highlighter pens
- A3 and A4 sheets for all your drawings. These will have standard title blocks that you can fill in.
- Scissors, craft glue, masking and clear tape, glue guns and glue sticks
- Base boards for model, approx. A3 size
- Coloured paper and card, corrugated card – various thicknesses that can be cut with scissors
- Clear plastic sheets, cellophane and crepe paper, various colours
- Paddle pop sticks and matchsticks - plain and coloured, satay sticks, tooth picks
- Wire, string and ribbons, straws, pipe cleaners, mesh, felt shapes and foam balls
- Glue guns will be available for general use

There will also be blades, cutting mats and steel rulers however please note that these are for use by tutors only.

Venue

Level B Studio Building 7, Pantowara St, University of Canberra, Belconnen

There will be signage posted from the carpark opposite Building 7 to help you find your way to the Workshop Studio.



Parking

The closest car park to the workshop venue is located on Pantowara Street to the west of Building 7 or to the east of the Inspire Centre. Turn off Ginninderra Drive into Allawoona Street, then right into Pantowara Street.

The carpark is allocated PERMIT Parking (not casual parking) but there is a special arrangement in place that parents and guardians are able to short stay park for drop off at mornings (available 8.30-9.30am) and pick up (available 4.30-5.30pm) both days

Parents and guardians are to press the intercom at the entrance gate at car park 7 to be let in to the car park, and again on exit. When requested, please confirm that you are there to drop off or pick up workshop registrants, and provide registrants names on both days