



# POP-UP BOOK STRUCTURES SYLLABUS

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PRINT 642 001  
1 credit hour  
July 3 - July 9

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## **COURSE SUMMARY**

Pop-up and flap books were originally created to illustrate ideas about astronomy, fortune telling, navigation, anatomy of the body and other scientific principles. Complex and engaging pop-up structures are created from a combination of basic mechanisms enhanced by play and imagination. In this course, students will learn the basic elements of pop-up paper engineering to more complex mechanisms including multilevel platforms and pull-tabs. Workshop participants will learn how to effectively incorporate their own art into these structures to create unique pop-up books, cards, and works of art.

## **ATTENDANCE AND CLASS POLICY**

Students must be on time for all demonstrations.

## **DAILY SCHEDULE**

Sunday: Introductions, review and discuss materials, review syllabus.

Monday: Demonstrations of basic pop-up structures morning and afternoon. Introduction to kirigami (pop-ups without glue), basic mechanisms including v-folds, tabs.

Tuesday: More mechanisms, including platforms. Discuss how to design with artwork, talk about using software aids like Illustrator and Photoshop.

Wednesday: Teach more complex mechanisms including pull-tabs, and volvelles. How to commercially publish a pop-up book, show a video.

Thursday: Work on personal projects.

Friday: Work on personal projects. Critique, what's next.

Saturday: Goodbye!

## **SUPPLY LIST**

- Scissors
- X-acto knife and blades
- Self-healing cutting mat
- Pencil/eraser
- Metal Ruler
- Cardstock: (suggested below)
- 8.5 x 11" 65 lb colored cardstock: Found on Amazon-Neenah Astrobrights Premium Color Cardstock Vintage Assortment, 65 lb, 8.5 x 11 Inches, 250 Sheets (21003)
- 8.5 x 11" 65 lb 8.5 x 11 white cardstock: Found on Amazon-Neenah Premium Cardstock, 96 Brightness, 65 lb, Letter, Bright White, 250 Sheets per Pack (91904)
- 11x17" 65/67lb. white cardstock found on [http://www.amazon.com/Neenah-Vellum-Bristol-Inches-Brightness/dp/B006P1Z5A1/ref=sr\\_1\\_3?ie=UTF8&qid=1455725557&sr=8-3&keywords=11+x+17+paper+cardstock](http://www.amazon.com/Neenah-Vellum-Bristol-Inches-Brightness/dp/B006P1Z5A1/ref=sr_1_3?ie=UTF8&qid=1455725557&sr=8-3&keywords=11+x+17+paper+cardstock)
- PVA glue purchasable at fine art supply stores like Dick Blick or Amazon (this is a necessity): <http://www.dickblick.com/items/17314-1005/>
- Permanent Double sided tape: <http://www.amazon.com/Scotch-Permanent-Double-Inches-3-Pack/dp/B0035LXTYU>
- Markers, colored pencils, watercolors or your preferred design tools
- Any designs, illustrations, drawings, sketches, photographs (glossy not recommended), magazines you may want to work with.

Optional:

- Bone Folder

- Knitting needle for scoring or scoring tool
- Triangle (for measuring)
- Compass
- A used pop-up book or two to take apart and analyze