NORWICH UNIVERSITY OF THE ARTS

# BSc Creative Technology and Robotics

# BSc2a

## Useful sources of information

This is the reading list that your course has provided for the unit you are currently studying.

You will find everything you need by searching the catalogue via the Library webpages.

For more information on how to search the catalogue watch this short video

**Required:**


Bunnell, B. & Najia, S. (2020) *Make: mechanical engineering for makers*. California: Make: Community LLC

Cline, L. S. (2021) *Fusion 360 for makers*. 2nd edn. California: Make: Community.

Holland, J. M. (2004) *Designing autonomous mobile robots: inside the mind of an intelligent machine*. Oxford: Newnes.

Levitin, A., & Levitin, M. (2011) *Algorithmic puzzles: mathematical recreations*. Oxford: Oxford University Press.

Smythe, R.J. (2021) *Advanced Arduino techniques in science: refine your skills and projects with PCs or Python-Tkinter*. Berkeley, CA: Apress.


**Recommended:**


Amos, S. & James, M. (2000) *Principles of transistor circuits*. Oxford: Newnes.

Anandamurugan, S. & Nandhini, P.S. (2019) *Internet of things*. New Delhi: Astral International Pvt Ltd.

Breazeal, C. (2002) *Designing sociable robots*. Cambridge, MA: A Bradford Book.

Brown, H.T. (2005) *507 mechanical movements*. Mineola, NY: Dover Publications.

Eaton, M. (2025) *Make: robotic arms*. Sebastopol, CA: O'Reilly Media.

Frenzel, L.E. (2017) *Electronics explained*. Oxford: Newnes.

Kagan, S. (2011) *Art and sustainability: connecting patterns for a culture of complexity*. Bielefeld: transcript Verlag.

Raspberry Pi Official Magazine (2024) *Book of making 2025*. Cambridge: Raspberry Pi Official Magazine.

Smedley, R. (2025) *Conquer the command line*. 3rd edn. Cambridge: Raspberry Pi Official Magazine.



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**Course guides:** https://library.norwichuni.ac.uk/course-guides

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# Course name

# Unit

# Useful sources of information

**Recommended continued:**


Thorpe, A. (2007) *The designer's atlas of sustainability*. Washington, DC: Island Press.

Timmis, H. (2021) *Practical Arduino engineering: end to end development with the Arduino, Fusion 360, 3D printing, and Eagle*. Berkeley, CA: Apress Media LLC.

Verma, G. (2021) *Autodesk Fusion 360 black book*. Delhi: Cadcamcae Works.


**Further:**

Learn Fusion 360 in 30 days - Youtube Playlist

How to design a PCB easily with EasyEDA - Youtube Video

Polulu 3pi User Guide


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