

READING LIST

WEEK 1 ESSENTIAL:

Chapters 1 and 2:

Campion, Nicholas. *Astrology and Cosmology in the World's Religions*. New York and London: New York University Press, 2012.

Williams, Raymond. 'Culture' in *Keywords : A Vocabulary of Culture and Society*. London: Fontana 1983, pp.87-93.

WEEK 1 OPTIONAL:

Benedict, Ruth. *Patterns of Culture*. Boston: Houghton Mifflin Company, 1934.

Campion, Nicholas. *The Medieval and Modern Worlds*. A History of Western Astrology Volume 2. London: Continuum Books, 2009.

Campion, Nicholas, 'Editorial', *Culture and Cosmos*, Spring/Summer 1997, vol. 1, no. 1, pp. 1-2.

Campion, Nicholas, 'Introduction: Cultural Astronomy', in Nicholas Campion, Patrick Curry and Michael York (ed.) *Astrology and the Academy*, papers from the inaugural conference of the Sophia Centre, Bath Spa University College, 13- 14 June 2003, Bristol: Cinnabar Books 2004, pp. xv-xxx.

Geertz, Clifford. *The Interpretation of Cultures*. New York, NY: Basic Books, 1973.

Geertz, Clifford. 'Religions as a Cultural System.' In *Anthropological Approaches to the Study of Religion*, edited by Michael Banton, 1-46. London: Routledge, 2004, pp.1-46.

Kern, Stephen. 'The Nature of Time' in *The Culture of Time and Space, 1880-1918*: With a New Preface. Cambridge, Mass. ; London: Harvard University Press, 2003, pp.10-35.

Kuper, Adam. 'Introduction' in *Culture: The Anthropologists' Account*. Cambridge, Mass.; London: Harvard University Press, 1999, pp.1-8.

McCluskey, Stephen. 'Studying Astronomy in Cultures', in *Archeoastronomy and Ethnoastronomy News*, Number 10, September 1993.

Online at: <http://terpconnect.umd.edu/~tlaloc/archastro/ae10.html>

Vol.1, Chapters 1 and 2:

Tylor, Edward B. *Primitive Culture: Researches into the Development of Mythology, Philosophy, Religion, Art, and Custom*. 3 Vols. London: J. Murray, 1920 [1871].

Wallis, Richard Tyrrell. *Neoplatonism*. London: Duckworth, 1972.

WEEK 2 ESSENTIAL:

Chapters 3 and 4:

Campion, Nicholas. *Astrology and Cosmology in the World's Religions*. New York and London: New York University Press, 2012.

Chapter 10:

Campion, Nicholas. *The Dawn of Astrology: A Cultural History of Western Astrology*. Vol. 1 – The Ancient and Classical Worlds, London: Continuum Books, 2008.

Plato. *Republic*, Volume I: Books 1-5. Edited and translated by Christopher Emlyn-Jones, William Preddy. Loeb Classical Library 237. Cambridge, MA: Harvard University Press, 2013.

Book 10 of the Republic contains the Myth of Er, the account of the soul's origination in the stars and descent to earth through the planetary spheres at birth.

Online at the LOEB classical library:

https://www-loebclassics-com.ezproxy.uwtsd.ac.uk/view/plato_philosopher-republic/2013/pb_LCL276.463.xml?result=1&rskey=3MaF49

Cornford, F.M., *Plato's Cosmology: The Timaeus*, London: Routledge 2001 [1937], pp. 105-119.

WEEK 2 OPTIONAL PRIMARY SOURCES:

LOEB ONLINE LIBRARY

Aristotle, *Metaphysics*, Book 12, Chapter 6-9 (1071b-1075a),

This passage sets out Aristotle's doctrine of the 'Prime Mover'. The material is very complex and contains only part of what is relevant to Aristotle's impact on astrology. We would prefer you to get an idea of the general tone rather than attempt to understand it in detail, which is very difficult until it has been discussed.

Aristotle, *De Caelo/On the Heavens*

This is Aristotle's key work on the mechanical operation of the sky. Follow the references from elsewhere, but don't be tempted to read it all as it deals extensively with mechanics that are not part of this MA.

Hesiod, *The Homeric Hymns and Homeric*, including 'Works and Days' and 'Theogony'

Hesiod's *Theogony*, dating from around the 8th century BCE, is the earliest known written account of the Greek myths which form the basis of much of the western tradition.

Iamblichus, *On the Mysteries and Life of Pythagoras*

Plato *Epinomis*

The *Epinomis* contains some of Plato's most explicit discussions about the sky. Most scholars agree that the text was actually composed by Philip of Opus, one of Plato's students.

Plotinus, 'On Heaven', 'On the Movement of Heaven', 'On Whether the Stars are Causes', *Ennead II*, 1 - 2, Vol., 2.

Plotinus was one of the most important late classical Platonic Philosophers. Of these three works the most important discussion is probably 'On Whether the Stars are Causes'.

WEEK 2 OPTIONAL SECONDARY SOURCES:

Campion, Nicholas, 'Astronomy and Psyche in the Classical World: Plato, Aristotle, Zeno, Ptolemy', *Journal of Cosmology*, 2010, Vol. 9.

<http://journalofcosmology.com/AncientAstronomy118.html>

Dodds, E.R., 'Theurgy and Its Relationship to Neoplatonism', *The Journal of Roman Studies*, Vol. 37, Parts 1 and 2. (1947), pp. 55-69.

Grayeff, Felix, 'The Problem of the Genesis of Aristotle's Text', *Phronesis*, Vol. 1, No. 2 (May, 1956), pp. 105-122.

Hussey, Edward, *The Presocratics*, London: Duckworth 1983, Ch. 4, pp. 60-77).

Kingsley, Peter, 'From Pythagoras to the Turba philosophorum: Egypt and Pythagorean Tradition', *Journal of the Warburg and Courtauld Institutes*, Vol. 57 (1994), pp. 1-13

Kingsley, Peter, 'Notes on Air: Four Questions of Meaning in Empedocles and Anaxagoras', *The Classical Quarterly*, Vol. 45, No. 1 (1995), pp. 26-29

Kirk, G.S, J.E., Raven, M. Schofield, *The Presocratic Philosophers*, 2nd edition, Cambridge: Cambridge University Press 1983, Ch.1, pp. 7-74.

Nilsson, Martin P., 'The Origin of Belief Among the Greeks in the Divinity of the Heavenly Bodies', *Harvard Theological Review*, Vol. 33, No. 1 (1940), pp. 1-8

Wallis, R.T., *Neoplatonism*, London: Duckworth, 1995, Ch.1. pp. 1-14.

Zhmud, Leonid, 'Plato as "Architect of Science"', *Phronesis*, Vol. 43, No. 3 (Aug., 1998), pp. 211-244.

WEEK 3 ESSENTIAL:

Chapters 5 and 6: Campion, Nicholas. *Astrology and Cosmology in the World's Religions*. New York and London: New York University Press, 2012. Ptolemy.

Tetrabiblos. Translated by Frank Eggleston Robbins. Loeb Classical Library. Vol. 435, Cambridge, Mass: Harvard University Press, 1940.

You can access the LOEB edition through the UWTSD online library:

https://www-loebclassics-com.ezproxy.uwtsd.ac.uk/view/ptolemy-tetrabiblos/1940/pb_LCL435.3.xml?mainRsKey=Evdp7G&result=1&rskey=3WvcgC

This is one of the most important books in the western astrological tradition. Written in second century CE Alexandria it is significant for a number of reasons: (1) it is one of the earliest compendia of classical Greek astrology, (2) it is the first work to put forward a naturalistic definition of astrology as based on lunar influences rather than divine intent and (3) because Ptolemy was regarded in the Islamic world, as well as medieval and Renaissance Europe, as one of the greatest, if not the greatest astronomer, his work on astrology was regarded as the core text in the discipline.

Lehoux, Daryn. 'Tomorrow's News Today: Astrology, Fate, and the Way Out.' *Representations*,

Summer (2006): 105-122

WEEK 3 OPTIONAL:

Suggested Reading on Egyptian Cosmology

Allen James, *The Ancient Egyptian Pyramid Texts* (Atlanta: Society of Biblical Literature, 2005). Available online as a PDF.

Allen, James. *Middle Egyptian: An Introduction to the Language and Culture of Hieroglyphs*. 2nd ed., rev. edn (Cambridge: Cambridge University Press, 2010).

Assmann, Jan, *The Mind of Egypt: History and Meaning in the Time of the Pharaohs*, trans. Andrew Jenkins, New York: Metropolitan Books 2002.

Assman, Jan, 'Creation Through Hieroglyphs: The Cosmo Grammar of Ancient Egypt', in *The poetics of grammar and the metaphysics of sound and sign*, eds. S. La Porta and D. Shulman (Jerusalem studies in religion and culture 6), Leiden ; Boston 2007, S. 17-34.
<https://core.ac.uk/download/pdf/95622287.pdf>

Baines John, 'Society, Morality, and Religious Practice in *Religion in Ancient Egypt* , ed. Byron E. Shafer (London: Cornell University Press, 1991).

Dunand, Françoise and Christiane Zivie-Coche, *Gods and Men in Egypt 3000 BCE to 395 CE*, trans. David Lorton, Ithaca: Cornell University Press, 2004.

Grange, Grange, *Dialogues with the dead* [electronic resource]: Egyptology in British culture and religion, 1822-1922.Oxford: Oxford University Press 2013
eBook in Library. Read the Introduction: The Accession of Menes

WEEK 4 ESSENTIAL:

Chapters 7 and 8:

Campion, Nicholas. *Astrology and Cosmology in the World's Religions*. New York and London: New York University Press, 2012.

Lévy-Bruhl, Lucien. *How Natives Think - Les Fonctions Mentales Dans Les Sociétés Inférieures*. Translated by Lilian A. Clare. London: G. Allen & Unwin, 1926.

Decolonisation readings (see Moodle)

Addey, John M. *A New Study of Astrology*. London: Urania Trust, 1996. pp. 1-9).

John Addey was an enthusiastic astrological moderniser who believed that scientific research, combined with an understanding of Platonic philosophy, would lead to astrology's wide acceptance and restoration as a respectable part of western learning. As such, his writing is characteristic of a particular 20th century view.

Rudhyar, Dane, 'The Birth Chart as a Celestial Message', An Address to the 1976 Convention of the American Federation of Astrologers',

<http://www.khaldea.com/rudhyar/astroarticles/celestialmessage.shtml>

WEEK 4 OPTIONAL:

Ptolemy, Claudius, Centiloquium, transcribed and annotated by Deborah Houlding from Henry Coley, *Clavis Astrologiae Elimata*, London, 1669, aphorisms 1-14.

<http://skyscript.co.uk/centiloquium1.html>

This text is almost certainly from the 8th century Islamic world, but achieved immense importance because of its attribution to Ptolemy. The early passages are of great significance for the philosophy of astrology.

Brady, B. (2018). 'Gender in Astrology', in Burns, W. E. (ed.) *Astrology through History: Interpreting the Stars from Ancient Mesopotamia to the Present*. Santa Barbara: ABC-CLIO pp.135-139.

Kochunas, Brad, 'Why Astrology Works'.

This is a contemporary view of the problem.

http://www.mountainastrologer.com/standards/editor's%20choice/articles/why_ast.html

We are not recommending this because it is an authoritative statement of 'why astrology works', but because it is an example of an astrologer writing on 'why astrology works' for a modern audience. Also, *The Mountain Astrologer*, the magazine which published this article, is a major on-line source, highly respected amongst astrologers.

Rudhyar, Dane, *The Astrology of Personality* (Garden City, New York: Doubleday, 1936), Ch. 1.

Dane Rudhyar's original manifesto of astrology's nature and function

http://books.google.co.uk/books?id=dApyUYhq4-4C&pg=PA37&source=gbs_toc_r&cad=4#v=onepage&q&f=false

Jones, Marc Edmund, *Astrology: How and Why it Works* (London: RKP 1977), Ch. 1, pp. 3-35.

This is an example of an astrologer writing on 'why astrology works' for a modern audience. Jones, an American theosophist, was very highly regarded in his lifetime.

Elwell, Dennis. *Cosmic Loom: The New Science of Astrology*. London: Unwin Hyman, 1987.

Harding, Michael. *Hymns to the Ancient Gods*. London: Arkana, 1992.

Adorno, Theodor, *The Stars Down to Earth*, London: Routledge 1994 [1953].

This is one of the most influential attacks on astrology of the twentieth century. You may find sections on Google Books.

Campion, Nicholas, 'A Review of Academic Literature on Astrology: 1. The Ancient World', *Alternative Spirituality and Religion Review*, Vol. 1 no 2, 2010.
(MA CAA ONLINE LIBRARY)

Curry, Patrick, 'An Aporia for Astrology', *Radical Astrology, A Set of Discussion Papers: Astrology and Theory*, London, privately published 1983, pp. 5.1-5.15.

The *Radical Astrology* papers were the first attempt by 'insiders' (all the authors were astrologers (a term we have to define!)) to take a critical, academically-inspired, examination of astrology. Curry's paper is the first attempt to create a typology of astrology, using modern concepts. That several of Curry's pieces are recommended in this module, reflects his role as a pioneering academic in this area.

Curry, Patrick and Roy Willis, *Astrology, Science and Culture* (Oxford: Berg, 2004).

Curry, Patrick, 'Grounding the Stars: towards an ecological theory', *Journal for the Study of Religion, Nature and Culture*, 2007, Vol 1 no 2, pp. 210-9.

Curry, Patrick, *Prophecy and Power: Astrology in Early Modern England* (Cambridge: Polity Press, 1989), pp. 1-15.

Curry establishes his social-class based typology of high, middling and low astrology

Dawkins, Richard, 'The Real Romance in the Stars', *Independent on Sunday*, 31 December 1995.

<http://www.independent.co.uk/opinion/the-real-romance-in-the-stars-1527970.html>

This attack on astrology by the now famous geneticist and leading atheist caused much controversy when it was published in 1995

Greene, Liz, 'Is Astrology a Divinatory System?', *Culture And Cosmos*, Vol. 12 no 1, Spring/Summer, pp. 3-29.

Greene, Liz, 'Signs, Signatures and Symbols: the languages of Heaven', In *Astrologies: Plurality and Diversity*, edited by Nicholas Campion and Liz Greene, 17-45. Ceredigion: Sophia Centre Press, University of Wales Trinity Saint David, 2011.

Gunzburg, Darrelyn. 'How Do Astrologers Read Charts?'. In *Astrologies: Plurality and Diversity*, edited by Nicholas Campion and Liz Greene, 181-200. Ceredigion: Sophia Centre Press, University of Wales Trinity Saint David, 2011.

Kelly, Ivan W., 'The Concepts of Modern Astrology: a Critique', *Psychological Reports*, 1997, Vol. 81, pp. 1035-1066, expanded and revised, www.astrology-and-science.com,

Kelly is a sceptic and hostile to the notion of astrology, but draws for his evidence on statements by astrologers.

Kemper, Steven, 'Sinhalese Astrology, South Asian Caste Systems, and the Notion of Individuality', *Journal of South Asian Studies*, vol. 38, no. 3, (May 1979), pp. 477-97.

Kemper, Steven, 'Time, Person, and Gender in Sinhalese Astrology', *American Ethnologist*, vol. 7, no. 4, (Nov. 1980), pp. 744-58.

North, John, 'Celestial Influence – the major premises of astrology', in *Stars, Minds and Fate: Essays in Ancient and Medieval Cosmology* (London: The Hambledon Press, 1989), pp. 243-298.

John North was one of the foremost historians of medieval astrology. In this chapter he sets out the theory of celestial influence from medieval sources.

Phillipson, Garry, *Astrology in the Year Zero* (London: Flare Publications 2000), Ch. XII, pp.182-197.

Phillipson, Garry, 'Modern Science, Epistemology and Astrology',
Originally published in *Correlation* Vol.23:2, 2006

Schoener, Gustav-Adolf, 'Astrology: Between Religion and the Empirical', trans. Shane Denson, *Esoterica* Vol. 4.

WEEK 5 ESSENTIAL:

Chapters 9 and 10:

Campion, Nicholas. *Astrology and Cosmology in the World's Religions*. New York and London: New York University Press, 2012.

84000. [The Exemplary Tale of Śārdūlakarṇa](#) (*stag rna'i rtogs pa brjod pa, Śārdūlakarṇāvadāna*, Toh 358), Translated by the Bodhinidhi Translation Group under the patronage and supervision of 84000: Translating the Words of the Buddha, 2025.

<https://84000.co/translation/toh358?toh=toh358&left=open%3Atoc&right=closed%3Aendnotes&main=open%3Afront%3Aimprint>

Kotyk, Jeffrey, '[Astrological Determinism in Indian Buddhism](#)', *Journal of the International Association of Buddhist Studies* (vol. 41, 2018, pp. 145-167)

https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://smallpdfs.buddhistuniversity.net/kotyk-j_2018_astrological-determinism.pdf&ved=2ahUKEwjL3JDDyZOXAxWwRkEAHYcnGoMQFnoECB4QAQ&usg=AOvVaw3PTJ0X_WsyCroefqFwnFpL

Corbin, Henri, 'Mundus Imaginalis, or the Imaginary and the Imaginal', trans Ruth Horine, *Spring*, 1972, pp. 1-13 [originally published in *Cahiers Internationaux de Symbolisme*, 1964, pp. 3-26].

Corbin's concept of the Imaginal is very important. We can think of it as being both imaginary and real, in the sense that the Ideas of Platonism are real. Corbin sits on the boundary between primary and secondary sources. He was a scholar, so his work can be considered a secondary source, but he was also a keen advocate of a way of understanding and living which he found in Plato, mystical Islam and Sufism, and Jung, and so we have included this paper here as a primary source. He has become

an inspiration for some mystical and esoteric groups and his ideas have been adopted by some astrologers, hence 'imaginal astrology' or 'imaginal cosmology'.

The Popul Vuh (the Maya creation story)

Read lines 1-900 from the Arthur Christianson translation:

WEEK 5 OPTIONAL:

Primack, Joel, 'Cosmology and Culture',

http://physics.ucsc.edu/cosmo/primack_abrams/COSMO.HTM

Abraham, R.(1994). *Chaos, Gaia, Eros*. New York: Harper San Francisco, 1994, Chapter 11

Bertol, Daniela, 'Framing the Land and Sky: Art Meets Cosmology in a Sustainable Environment', *Leonardo*, Vol. 39, No. 2 (2006), p.130.

Campion, Nicholas, 'Cosmos and Cosmology', in Robert Segal and Kocku von Stukrad (eds),

Capek, Milic, *The Concepts of Space and Time*, Boston: D.Reidel Publishing Company, 1976.

This is an anthology of classic writings on theories of space and time, from ancient to modern. If you are interested in pursuing this area then it is worth purchasing a second-hand copy.

Chapple, Christopher Key, 'Thomas Berry, Buddhism, and the New Cosmology', *Buddhist-Christian Studies*, Vol. 18, (1998), pp. 147-154.

Corey, M.A., *God and Design*, London, Rowman and Littlefield, pp. 1-19.

Vocabulary for the Study of Religion (Leiden: Brill, 2015), pp. 359-42.

Dingle, Herbert, 'Science and Modern Cosmology', *Science*, New Series, Vol. 120, No. 3118 (Oct. 1, 1954), pp. 513-521.

Gordon, Jacob U., 'Yoruba Cosmology and Culture in Brazil: A Study of African Survivals in the New World', *Journal of Black Studies*. Vol 10. No 2 (Dec 1979), pp. 231-244.

Gribbin, John, *In the Beginning: the birth of the living universe*, London: Penguin 1995.

Read Ch. 7 'The Goldilocks Effect'.

Grünbaum, Adolf, 'A New Critique of Theological Interpretations of Physical Cosmology' *The British Journal for the Philosophy of Science*, Vol. 51, No. 1 (Mar., 2000), pp. 1-43.

Hall, Margaret, 'Cosmology and Therapy', *Journal of Religion and Health*, no 4 (1986), pp. 254-5.

Hetherington, Norris S., *Cosmology: Historical, Literary, Philosophical, Religious and Scientific Perspectives* (New York and London: Garland Publishing 1993)

Read Preface.

Huby, Pamela M., 'Cosmology and Infinity', *Philosophy*, Vol. 48, No. 184 (Apr., 1973), pp. 186-187.

Kaspin, Deborah, 'A Chewa Cosmology of the Body', *American Ethnologist*, vol. 23, no. 3, (Aug. 1996), pp. 561-78.

McMullin, 'Is Philosophy Relevant to Cosmology?', *American Philosophical Quarterly*, Vol. 18, No. 3 (Jul., 1981), pp. 177-189.

Mitchell, Donald W., 'The Trinity and Buddhist Cosmology', *Buddhist-Christian Studies*, Vol. 18, (1998), pp. 169-180.

Kaspin, Deborah, 'A Chewa Cosmology of the Body', *American Ethnologist*, vol. 23, no. 3, (1996), pp. 561-78.

Morton-Williams, Peter, 'An Outline of the Cosmology and Cult Organisation of the Oyo Yoruba', *Africa: Journal of the International African Institute*, vol. 34, no. 3, (Jul 1964), pp. 243-61.

O'Brien, Patricia, 'Prehistoric Evidence for Pawnee Cosmology', *American Anthropologist*, New Series, vol. 88, no. 4, (Dec. 1986), pp. 939-946.

Pankenier, David W., 'Cosmic Capitals and Numinous Precincts in Early China', *Journal of Cosmology*, vol. 9, (2010), pp. 2030-2040:

Rees, Martin, *Before the Beginning* (London: The Free Press, 2002 [1997])

Read Ch. 15.

Rudavsky, T.M., 'Philosophical Cosmology in Judaism', *Early Science and Medicine*, Vol. 2, No. 2, Medieval Cosmologies (1997), pp. 149-184.

Sagan, *Cosmos: the story of cosmic evolution, science and civilisation*, London: Warner Books 1994.

Read Ch. 1.

Sahlins, Marshall, Thimas Bargatsky, Nurit Bird-David, John Clammer, Jacques Hamel, Keijio Maegawa and Jukka Siikala, 'The Sadness of Sweetness: The Native Anthropology of Western Cosmology [and Comments and Reply]', *Current Anthropology*, Vol 37 no 3 (June 1996) pp. 395-428.

This discussion is highly recommended. It is long and much of the information may be new, so it is not necessarily an article to be read in detail now. However, the discussion it raises concerning the prejudices in anthropology, and the resulting discussions of the nature of cosmology, are very thought-provoking.

Schueler, Gerald. 'Chaos Theory: Interface with Jungian Psychology' (1997),
<http://www.schuelers.com/chaos/chaos9.htm>.

Tucker, Mary Evelyn, 'Religious Dimensions of Confucianism: Cosmology and Cultivation', *Philosophy East and West*, vol. 48, no. 1, The Religious Dimension of Confucianism in Japan, (Jan. 1998), pp. 5-45.

WEEK 6 ESSENTIAL:

Chapters 11 and 12:

Campion, Nicholas. *Astrology and Cosmology in the World's Religions*. New York and London: New York University Press, 2012.

In 2012 the Smithsonian Institute ran a symposium on Cultural Astronomy. We are recommending one lecture as required viewing:

Stellar Connections: Explorations in Cultural Astronomy - Pt. 4, Babatunde Lawal

<https://www.youtube.com/watch?v=FCkhZZP3HfQ>

This is a fascinating account of the cosmology of the Yoruba people of Nigeria. If your interest is in another culture, for example western astrology, you might think about how this style of description can be applied to it.

WEEK 6 OPTIONAL:

Baity, Elizabeth Chesley, 'Archaeoastronomy and Ethnoastronomy So Far', *Current Anthropology*, Oct 1973, vol. 14, no. 4, pp. 389-449.

This is a seminal paper, vital to the discipline because it is said to have coined the term Ethnoastronomy. Some of the ideas and information in it are now questionable, but it is still widely cited and so is of interest as a historical document from the early days of Cultural Astronomy.

Belmonte, Juan Antonio, 'Finding Our Place in the Cosmos: The Role of Astronomy in Ancient Cultures', *Journal of Cosmology*, 2010, Vol. 9.

Juan Antonio Belmonte is, along with Clive Ruggles, one of the most prolific researchers in the field.

Campion, Nicholas, 'Editorial', *Culture and Cosmos*, Spring/Summer 1997, vol. 1, no. 1, pp. 1-2.

This was an early attempt to define the discipline in 1997.

Campion, Nicholas, 'Introduction: Cultural Astronomy', in Nicholas Campion, Patrick Curry and Michael York (ed.) *Astrology and the Academy*, papers from the inaugural conference of the Sophia Centre, Bath Spa University College, 13-14 June 2003 (Bristol: Cinnabar Books, 2004) pp. xv-xxx.

This is a paper of its time. It was an attempt to sum up the state of Cultural Astronomy in 2003, but much has been published since then.

Campion, Nicholas and Jarita Holbrook, 'Cultural Astronomy: A Conversation about Degree Programs and Research Questions from Both Sides of the Pond', *Innovations in Teaching Major and Graduate Studies*, Part 1, Spark: The American Astronomical Society Education Newsletter, June 2008, issue 6, pp. 9-11.

http://aas.org/files/Spark_2008_06_June.pdf

This paper discusses the kind of subjects and approaches relevant to the teaching of Cultural Astronomy.

César Esteban, 'Struggling for Interdisciplinarity: Reflections of an Astrophysicist Working in Cultural Astronomy', *Culture and Cosmos*, Vol. 18 no 1, Spring/Summer 2014, pp. 5-19.

Esteban, C. (2009). Is cultural astronomy an interdisciplinary science? An astrophysicist's reflections. *Complutum*, Vol. 20 (2): 69-77

Holbrook, J.C., 'Ethnoastronomy: Pondering Celestial Diversity', *Spectrum*, January 2008, pp. 4-5, 8-9, 12, 17-18.

Iwaniszewski, Stanisław, 'Ancient Cosmologies: Understanding Ancient Skywatchers and their Worldviews', *Journal of Cosmology*, 2010, Vol. 9.

Stanisław Iwaniszewski is one of the key figures in the argument that theory is vital to work in archaeoastronomy.

Miley, George, 'Influence of Society on Astronomy', Paper presented at the International Astronomy Union 17th General Assembly, 3-14 August 2009, Rio de Janeiro, Brazil, *Proceedings of Science*.

<http://pos.sissa.it/cgi-bin/reader/conf.cgi?confid=99>

Raevsky, D.S. 'Ancient astronomy as the mirror of the history of culture', *Astronomical and Astrophysical Transactions* 15, no. 1-4 (1998): 299-305.

Ruggles, Clive (ed.) *Archaeoastronomy and Ethnoastronomy: Building Bridges between Cultures*, Proceedings of International Astronomy Union Symposium 278, (the 9th 'Oxford' International Symposium on Archaeoastronomy), Lima, Peru, 4-14 January 2011 (Cambridge: Cambridge University Press, 2011),

Saad-Cook, Janet, Charles Ross, Nancy Holt, and James Turrell, "Touching the Sky: Artworks Using Natural Phenomena, Earth, Sky and Connections to Astronomy." *Leonardo* 21, no. 2 (1988): pp. 123-134.

We have suggested this paper because it may take you in new directions, thinking about the relationship of astronomy and culture.

Valls-Gabaud, David and Alec Boksenberg (eds.), *The Role of Astronomy in Society and Culture*, International Astronomical Union Symposium 260, UNESCO, Paris, 19-23 January 2008, (Cambridge: Cambridge University Press, 2011).

Williams, Robert, 'Astronomy and the Culture of Discovery', Paper presented at the International Astronomy Union 17th General Assembly, 3-14 August 2009, Rio de Janeiro, Brazil, *Proceedings of Science*,

http://pos.sissa.it/archive/conferences/099/001/sps5_001.pdf

Archaeologia Baltica, 10:1 (2009), Astronomy and cosmology in folk traditions and cultural heritage. 42 conference papers presented at the SEAC (La Société Européenne pour l'Astronomie dans la Culture) and ISAAC (The International Society for Archaeoastronomy and Astronomy in Culture) conference, 22-31 July, 2007

http://www.ku.lt/leidykla/files/2012/09/Archaeologia_BALTICA_10.pdf

The Sociology of Astronomy

Holbrook, Jarita, 'How odd is odd? Studying Astronomers', paper delivered at the Conference of the European Society for Astronomy in Culture, Ljubljana, 2012.

There is very little available published work on the sociology of astronomy. We may be able to add more in future but for now Holbrook's paper is a rare example. This is Holbrook's own text. It was later published in Ivan Šprac and Peter Pehani (eds), *Ancient Cosmologies and Modern Prophets* (Ljubljana, Anthropological Notebooks year XIX, supplement, 2013), pp. 529-536.

https://www.academia.edu/28392367/%C5%A0prajc_Ivan_and_Peter_Pehani_eds._2013._Ancient_cosmologies_and_modern_prophets_Proceedings_of_the_20th_Conference_of_the_European_Society_for_Astronomy_in_Culture._Anthropological_Notebooks_XIX_supplement_Ljubljana_Slovene_Anthropological_Society

Krisciunas, Kevin 'Strange Cases from the Files of Astronomical Sociology', draft, Astronomy Magazine 1993.

<http://arxiv.org/pdf/astro-ph/9305036v1.pdf>

This is a rare example of a paper on the sociology of astronomy

West, Michael J. 'Public Perception of Astronomers: Revered, Reviled and Ridiculed' in David Valls-Gabaud and Alec Boksenberg (eds.), *The Role of Astronomy in Society and Culture*, International Astronomical Union Symposium 260, UNESCO, Paris, 19-23 January 2008, (Cambridge: Cambridge University Press, 2011), pp. 411-420.

Astronomy and Politics

Campion, Nicholas, 'Astronomy and Political Theory', in David Valls-Gabaud and Alec Boksenberg (eds.), *The Role of Astronomy in Society and Culture*, International Astronomical Union Symposium 260, UNESCO, Paris, 19-23 January 2008, (Cambridge: Cambridge University Press, 2011), pp. 595-602.

Astronomy and Heritage

Ruggles, Clive, 'The IAU's involvement in the Astronomy and World Heritage Initiative: achievements and challenges', International Astronomical Union. Proceedings of the International Astronomical Union; Cambridge Vol. 11, Iss. A29A, (Aug 2015): 89-92.

Peter Redfield, 'The Half-Life of Empire in Outer Space', *Social Studies of Science* Vol. 32, No. 5/6 (Oct. - Dec., 2002), pp. 791-825

Astronomy and the Arts

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Zimecki, M., 'The lunar cycle: effects on human and animal behavior and physiology', *Postępy Hig Med Dosw*, 2006, 60: 1-7.
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WEEK 7 ESSENTIAL:

Chapters 13 and 14:

Campion, Nicholas. *Astrology and Cosmology in the World's Religions*. New York and London: New York University Press, 2012.

Brady, Bernadette, 'Theories of Fate among Present-Day Astrologers' (PhD dissertation, University of Wales Trinity Saint David, 2011).

Read Chapter 8. PDF in the Online Library

Brady, Bernadette, 'Fate, Sympathy and the Individual', conference paper presented at ESSWE4 – Gothenburg, Sweden 26-29 June 2013.

Brady, Bernadette, 'Some Philosophical Roots of Determinism in Astrology', paper presented at Bath Spa University Graduate School seminar, 18 February 2008.

Dawkins, Richard, *The Blind Watchmaker*, London: Penguin 1991, Chap 1

Greene, Liz, 'A Psychological Approach to Transits and Progressions', in *The Horoscope in Manifestation: Psychology and Prediction*, London, CPA Press 2004 [1997], pp. 131-152.
Hawking, Stephen, *Black Holes and Baby Universes*, London: Bantam 1994, chap 12 ('Is Everything Determined?')

James, William, 'The Dilemma of Determinism', in *The Will to Believe and Other Essays*. New York: Longman, 1909.

WEEK 7 OPTIONAL:

Adorno, Theodor, W., 'The Stars Down to Earth: The Los Angeles Times Astrology Column', in *The Stars Down to Earth and Other Essays on the Irrational in Culture*, edited by Stephen Crook, pp. 34-127. London: Routledge, 1994.

Bernstein, Mark, *Fatalism*, *The Oxford Handbook of Free Will*, Oxford Handbooks Online, 2005
http://www.oxfordhandbooks.com/oso/public/content/oho_philosophy/9780195178548/toc.html.

Bishop, Robert C. 'On Separating Predictability and Determinism', *Erkenntnis* (1975) 58, no. 2 (2003): 169-88.

Hume, David, *An Enquiry Concerning Human Understanding*. Edited by Eric Steinberg. Cambridge: Hackett Publishing Company, 1977, Reprint, 2nd. pp 53-69.
Read Section VIII Of Liberty and Necessity.

Additional books and JSTOR papers

Broadie, Sarah, 'From Necessity to Fate: A Fallacy?', *The Journal of Ethics*, 5 (2001), 21-37.
Broadie, Sarah, *Nature and Divinity in Plato's Timaeus* (Cambridge; New York: Cambridge University Press, 2012).

Brady, Bernadette, 'The Star of Bethlehem and Luke's Shepherds: An Exploration of the Astrological Features of the Two Nativity Stories', in *Ancient Cosmologies and Modern Prophets*, ed. by Ivan Šprajc and Peter Pehani (Ljubljana, Slovene: Slovene Anthropological Society, 2013), pp. 443-456.

Burrus, Jeremy, and Roese, Neal J., 'Long Ago It Was Meant to Be: The Interplay between Time, Construal, and Fate Beliefs', *Personality Social Psychological Bulletin*, 32 (2006), 1050-1058.

Cahn, Steven M, *Fate, Time and Logic* (New Haven: Yale University Press, 1967).
Cunning, David, 'Descartes on the Immutability of the Divine Will', *Religious Studies*, 39 (2003), 79-92.

den Boeft, J., *Calcidius on Fate* (Leiden: E.J.Brill, 1970).

Denzey, Nicola, 'A New Star on the Horizon - Astral Christologies and Stellar Debates in Early Christian Discourse', in *Prayer, Magic, and the Stars in the Ancient and Late Antique World*, ed. by Scott B. Noegel, Joel Thomas Walker and Brannon M. Wheeler (University Park, Pa. ; [Great Britain]: Pennsylvania State University Press, 2003), pp. 207-222.

Dietrich, B. C., 'The Spinning of Fate in Homer', *Phoenix*, 16 (1962), 86-101.

Dodds, E. R., 'On Misunderstanding the 'Oedipus Rex'', *Greece & Rome*, 13 (1966), 37-49.
Doob, Leonard W., *Inevitability : Determinism, Fatalism and Destiny* (New York ; London: Greenwood, 1988), p. [168].

Gould, Josiah B., 'The Stoic Conception of Fate', *Journal of the History of Ideas*, 35 (1974), 17-32.

Hegedus, Tim, 'The Magi and the Star in the Gospel of Matthew and Early Christian Tradition', *Laval Théologique et Philosophique*, 59 (2003), 81-95.

Hodges, Horace Jeffery, 'Gnostic Liberation from Astrological Determinism: Hipparchan "Trepidation" and the Breaking of Fate', *Vigiliae Christianae*, 51 (1997), 359-373.

Hodgson, David, 'Quantum Physics, Consciousness, and Free Will ', in *The Oxford Handbook of Free Will* (Oxford: Oxford University Press, 2002), pp. 85-110.

James, William, *The Will to Believe. Essays in Popular Philosophy* (London, New York: Longmans, Green and co, 1912).

Johnson, A. H., 'The Social Philosophy of Alfred North Whitehead', *The Journal of Philosophy*, 40 (1943), 261-271.

Kane, Robert, *The Significance of Free Will* (New York ; Oxford: Oxford University Press, 1996).

Read Chapters 2 and 3

Kent, Eliza F., '"What's Written on the Forehead Will Never Fail": Karma, Fate, and Headwriting in Indian Folktales', *Asian Ethnology*, 68 (2009), 1-26.

Kleywegt, A.J., 'Fate, Free Will, and the Text of Cicero', *Mnemosyne* 26 (1973), 342-349.
Lewis, Nicola Denzey, *Cosmology and Fate in Gnosticism and Graeco-Roman Antiquity : Under Pitiless Skies* (Leiden: Brill, 2013).

Moore, George Foot, 'Fate and Free Will in the Jewish Philosophies According to Josephus', *The Harvard Theological Review*, 22 (1929), 371-389.

Nikolopoulou, Kalliopi, 'Feet, Fate, and Finitude: On Standing and Inertia in the *Iliad*', *College Literature*, 34 (2007), 174-193.

Patch, Howard Rollin, 'Fate in Boethius and the Neoplatonists', *Speculum*, 4 (1929), 62-72.

THE DETERMINISM AND FREEDOM PHILOSOPHY WEBSITE

<http://www.ucl.ac.uk/~uctytho/dfwIntroIndex.htm>.

This web site contains a large number of academic papers by the leading thinkers in this field, focus on authors such as Kane, for the libertarian position and Honderick for the hard incompatibilist position (there is only determinism and no free will) and Hume for the compatibilist position.

WEEK 8 ESSENTIAL:

Chapters 15 and 16:

Campion, Nicholas. *Astrology and Cosmology in the World's Religions*. New York and London: New York University Press, 2012.

Primary Source

LOEB ONLINE LIBRARY

Cicero, *De Divinatione*, trans. W.A.Falconer, Cambridge Mass: Harvard University Press., London, 1929.

Cicero's dialogue on divination is the earliest known complete discussion of the topic. He takes the anti-divination argument, putting pro-divination arguments in the voice of his brother Quintus.

Secondary Source

Curry, Patrick, 'Divination, Enchantment and Platonism', in Jean H. Lall and Angela Voss (eds.), *The Imaginal Cosmos* (Canterbury: University of Kent, 2006), pp. 35-46.

WEEK 8 OPTIONAL:

Myth:

LOEB ONLINE LIBRARY

Aristotle *Poetics*.

Aristotle's *Poetics* is the earliest surviving work of literary theory. Chapter 6 introduces his theory that all dramas can be analysed as consisting of six components.

LOEB ONLINE LIBRARY

Hesiod, *The Homeric Hymns and Homeric, including 'Works and Days' and 'Theogonis'*, trans. Hugh G. Evelyn-White, Cambridge Mass., London, 1917.

Eliade, Mircea, *Myth and Reality*, New York, Harper and Row, 1963, chapter II ('Magic and Prestige of Origins').

Kane, Sean, *The Wisdom of the Mythtellers*, 2nd edn, Peterborough, Broadview Press, 1998, Chap 1 (pp. 32-51).

Leeming, David A., 'Myth and Therapy', *Journal of Religion and Health*, Vol. 40, No. 1, Memorial Issue for Barry Ulanov (Spring, 2001), pp. 115-119.

Lincoln, Bruce, *Theorizing Myth: Narrative, Ideology, and Scholarship*, Chicago, University of Chicago Press, 1999, chap 2 (pp. 19-43).

Magic:

Waite Arthur Edward, *The Book of Ceremonial Magic [1913]*

Read Introduction and Chapter 1

Westcott, W. Wynn, *Numbers: Their Occult Power And Mystic Virtues*

Westcott was one of the founders of the modern magical order, the Hermetic Order of the Golden Dawn. His work is illustrative of the continuation of medieval traditions in a modern context.

Tambiah, Stanley Jeyaraja, *Magic, Science, Religion and the Scope of Rationality*, Cambridge, Cambridge University Press, 1990, and Flint, Valerie, *The Growth of Magic in Early Medieval Europe*, Oxford: Clarendon Press 1992

Curry, Patrick, "Revisions of Science and Magic", *History of Science* 23 (1985): 299-325

Eliade, Mircea, 'Cosmogonic Myth and "Sacred History"', *Religious Studies*, Vol. 2, No. 2 (1967), pp. 171-183.

Flint, Valerie, *The Growth of Magic in Early Medieval Europe*, Oxford: Clarendon Press 1992, chapter 6.

Frazer, J.G., *The Golden Bough: A Study in Magic and Religion*, abridged edition, London: MacMillan 1971 [1922], Chap III 'Sympathetic Magic'.

Greenwood, Susan, *The Anthropology of Magic*, Oxford: Berg, 2009,

Hammond, Dorothy, 'Magic: A Problem in Semantics', *American Anthropologist* New Series, Vol. 72, No. 6 (Dec 1970), pp. 1349-1356.

Hutton, Ronald, 'Astral Magic: The Acceptable Face of Paganism', in Nicholas Campion, Patrick Curry and Michael York (ed.) *Astrology and the Academy*, papers from the inaugural conference of the Sophia Centre, Bath Spa University College, 13-14 June 2003, Bristol: Cinnabar Books 2004, pp. 10-24.

Hutton, Ronald, *Witches, Druids and King Arthur: Studies in Paganism, Myth and Magic*, London: Hambledon Books 2003, chap 5.

Kieckhefer, Richard, *Magic in the Middle Ages*, Cambridge: Cambridge University Press, 1998, Chapter 1 ('Magic as a Crossroads')

Kieckhefer, Richard, *Forbidden Rites: a Necromancer's Manual of the Fifteenth Century*, Stroud Sutton Publishing 1997.

Lévy-Bruhl, Lucien, *The Notebooks on Primitive Mentality*, transl. P. Rivi re, Oxford, Basil Blackwell, 1975.

Paracelsus, 'On Magic and Alchemy', in Tiryakian, Edward A. (ed.) *On the Margin of the Visible: Sociology, the Esoteric and the Occult*, London and New York: John Wiley and Sons, pp. 257-280.

Divination:

Addey, John M., 'Astrology as Divination', *Astrology*, 56:2 (1982), pp. 39-44.

John Addey was one of the most respected astrologers in the English-speaking world in the 1970s. This short article is his critical response to Geoffrey Cornelius' (see below) first articles claiming that astrology is divination.

Athanassiadi, Polymnia. 'Dreams, Theurgy and Freelance Divination: The Testimony of Iamblichus', *The Journal of Roman Studies*, Vol. 83 (1993), pp. 115-130.

Cornelius, G., 1998-1999, *Is Astrology Divination and Does it Matter?* Centre Universitaire de Recherche en Astrologie,

Iamblichus, *De mysteriis, The Mysteries of the Egyptians, Chaldeans, and Assyrians*, translated by Thomas Taylor,

Read Section III, I

The Neoplatonic concept of 'Theurgy' or 'God work' (as opposed to Theology, or 'God wisdom') identifies magic as a means of contacting divinity, and gaining wisdom and knowledge of both the self and the divine. It could be seen as the point at which magic and divination meet.

WEEK 9 ESSENTIAL:

Campion, Nicholas, 'Astrology's Place in Historical Periodisation: Modern, Premodern or Postmodern?', in Nicholas Campion and Liz Greene (eds.), *Astrologies: Plurality and Diversity*, (Lampeter: Sophia Centre Press, 2011), pp. 217-254.

Curry, Patrick, 'Astrology from Pagan to Postmodern?', *Astrological Journal*, Jan/Feb 1994, vol. 36, no. 1, pp. 69-74.PDF

Goddard, Gerry, 'Beyond a Post-Modern Astrology'

<http://www.islandastrology.net/resp-can.html>

Habermas, Jurgen and Seyla Ben-Habib (1981), *New German Critique*, No. 22, Special Issue on Modernism

Habermas is one of the major theorists in the area, and this is an informed and intelligent discussion.

Hand, Robert, 'Towards a Post-Modern Astrology'

http://www.astro.com/astrology/in_postmodern_e.htm

Hillenbrand, Candy, 'An Archaic Astrology Cast Adrift in a Post-Modern World'

<http://www.aplaceinspace.net/Pages/CandyPostmodern.html>

Perry, Glenn, 'The New Paradigm and Postmodern Astrology', International Forum on New Science. University of Fort Collins, Colorado. 27 Sept. 1991.

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WEEK 9 OPTIONAL:

Best, Steven and Douglas Kellner, *Postmodern Theory: Critical Interrogations*, London: MacMillan 1991, Chapter 1.

Childs, Peter, *Modernism*, London: Routledge,
Read Introduction, pp. 1-36.

Caplan, Jane, 'Postmodernism, Poststructuralism, and Deconstruction: Notes for Historians'. *Central European History*, Vol. 22, No. 3/4, German Histories: Challenges in Theory, Practice, Technique (Sep. - Dec., 1989), pp. 260-278

Eco, Umberto, chap 1, 'Travels in Hypereality', in *Faith in Fakes: Travels in Hypereality*, London: Minerva 1995, pp. 1-58 (Chap 1).

Ferlat, Anne, 'Pagan Movements in Russia: Postmodern Invention or Return to Tradition? A Comparison with Western Pagan Movements', PhD Thesis, University of the West of England, 2008.

Read chapter 2

Hooper, Giles, 'A Popular Postmodern or a Postmodern Popular?', *International Review of the Aesthetics and Sociology of Music*, Vol. 43, No. 1 (JUNE 2012), pp. 187-207

The subject is popular music. There may be applications to popular astrology.

Pickett, Brent, 'Foucaultian Masks and Contested Interpretations', *Political Research Quarterly*, Vol. 50, No. 4 (Dec., 1997), pp. 919-937

Tucker, Kenneth H. *Sociological Theory*, Vol. 11, No. 2 (Jul., 1993), pp. 194-211

Ferraris, Maurizio and Anna Taraboletti Segre, Postmodernism and the Deconstruction of Modernism, *Design Issues*, Vol. 4, No. 1/2, Designing the Immaterial Society (1988), pp. 12-24.

Brügger, Niels 'What about the Postmodern? The Concept of the Postmodern in the Work of Lyotard', *Yale French Studies*, No. 99, Jean-Francois Lyotard: Time and Judgment (2001), pp. 77-92.

This is a useful introduction to Lyotard.

Raymond Head, 'Holst – 'Astrology and Modernism in "The Planets"', *Tempo*, New Series, No. 187 (Dec., 1993), pp.15-22.

The modernist composer Gustav Holst was a theosophist and astrologer. This combination of affiliations implicitly challenges to notion of astrology as postmodern.

Lechner, Norbert, 'A Disenchantment Called Postmodernism', *Boundary 2*, Vol. 20, No. 3, The Postmodernism Debate in Latin America (Autumn, 1993), pp. 122-139.

Taylor, Victor E., and Gregg Lambert. *Jean-François Lyotard: Critical Evaluations in Cultural Theory*. London: Routledge, 2006.

Zagorin, Perez, (1999), 'History, The Referent, and Narrative: Reflections on Postmodernism Now', *History and Theory*, Vol. 38, No. 1, pp. 1-24.

STUDENT DISCUSSIONS

WEEK 1

Eagleton, Terry. 'Versions of Culture.' Chap. 1 In *The Idea of Culture*, 1-31. Oxford: Blackwell, 2000.

WEEK 2

PLATO'S TIMAEUS: 27-44

Plato, *Timaeus*, trans. R.G.Bury, LCL234, Cambridge MA: Harvard University Press, 1931.

You can access the LOEB edition through the UWTSD online library:

https://www-loebclassics-com.ezproxy.uwtsd.ac.uk/view/plato-philosopher_timaeus/1929/pb_LCL234.17.xml?rskey=8Y1f1b&result=1

Plato. Complete Works. Edited by John Cooper, M. Indiana: Hackett Publishing Co. Inc., 1997.

WEEK 3

Ptolemy. *Tetrabiblos*. Translated by Frank Egleston Robbins. Loeb Classical Library. Vol. 435, Cambridge, Mass: Harvard University Press, 1940.

You can access the LOEB edition through the UWTSD online library:

https://www-loebclassics-com.ezproxy.uwtsd.ac.uk/view/ptolemy-tetrabiblos/1940/pb_LCL435.3.xml?mainRsKey=Evdp7G&result=1&rskey=3WvcgC

Lehoux, Daryn. 'Tomorrow's News Today: Astrology, Fate, and the Way Out.' *Representations*, Summer (2006): 105-122.

WEEK 4

Lévy-Bruhl, Lucien. *How Natives Think - Les Fonctions Mentales Dans Les Sociétés Inférieures*. Translated by Lilian A. Clare. London: G. Allen & Unwin, 1926.

Decolonisation readings (see Moodle)

WEEK 5

84000. [The Exemplary Tale of Śārdūlakarṇa](#) (*stag rna'i rtogs pa brjod pa, Śārdūlakarṇāvadāna*, Toh 358), Translated by the Bodhinidhi Translation Group under the patronage and supervision of 84000: Translating the Words of the Buddha, 2025.

Kotyk, Jeffrey, '[Astrological Determinism in Indian Buddhism](#)', *Journal of the International Association of Buddhist Studies* (vol. 41, 2018, pp. 145-167)

WEEK 6

Ruggles, Clive. 'Indigenous Astronomies and Progress in Modern Astronomy.' Paper presented at the *Accelerating the Rate of Astronomical Discovery* (sps5) Conference. Rio de Janeiro, Brazil, Proceedings of Science 2009.

WEEK 7

NO STUDENT DISCUSSION THIS WEEK

WEEK 8

NO STUDENT DISCUSSION THIS WEEK

