2024 Chromosome Analysis Course Outline

DNA Research Framework	Module Topics 2 hours	Workshop 1 60-90 minutes	Workshop 2 60-90 minutes	Collaboration
Understand the basics	What is your research goal?	Triangulation at each of the sites - FTDNA, My Heritage, 23andMe, GEDmatch	Working with GEDmatch for segment triangulation	Private CA Basecamp Group for Q&A, discussion and networking with other participants during the course.
	Key terms and concepts			
	DNA Research Methodology			
	Introduction to segment triangulation			
Know what you are working with	Downloading match data	Downloading and storing information from each of the sites - FTDNA, My Heritage, 23andMe, GEDmatch	Working with My Heritage for segment triangulation	
	Determining match groups			
	Record Keeping			
	Identifying triangulated segments and triangulated groups			
Combine genetic and genealogical research	Combining tree triangulation and segment triangulation	Clustering tools - identifying shared matches or triangulated groups?	Working cross platform to identify and analyse likely triangulation groups	
	Working with the X chromosome			
	Building on AncestryDNA course research concepts			
	Pedigree and chromosome analysis tools			
Use genetic research to confirm and expand your tree	DNA confirmation	Putting it all together, case study using chromosome mapping. Participants review research goals at start of program	Follow up session - Discussion with participants about how they are applying the concepts in their own research, next steps	Post course: * CA Basecamp Group * DNA Sydney FB group * GDAT User Group
	Standards of evidence			
	Walking back the chromosome			
	Chromosome mapping			
	Ideas for advanced analysis			

DNA Research Framework developed by Veronica Williams, 2021
Refer: <u>Developing Your DNA Skills</u>

PROPOSED 'DRAFT' TIMETABLE

DNA Research Framework	Module Topics 2 hours	Workshop 1 60-90 minutes	Workshop 2. 60-90 minutes
Understand the basics	Sat 13 Jul 2024, 10.30-12.30	Sat 13 Jul 2024, 2.00-3.30	Sat 27 Jul 2024, 10.30-12.00
Know what you are working with	Sat 3 Aug 2024, 10.30-12.30	Sat 3 Aug 2024, 2.00-3.30	Sat 31 Aug 2024, 10.30-12.00
Combine genetic and genealogical research	Sat 7 Sep 2024, 10.30-12.30	Sat 7 Sep 2024, 2.00-3.30	Sat 28 Sep 2024, 10.30-12.00
Use genetic research to confirm and expand your tree	Sat 12 Oct 2024, 10.30-12.30	Sat 12 Oct 2024, 2.00-3.30	**Wrap up Discussion Group** Sat 19 Oct 2024 10.30-12.00

NOTES:

* SAG members given priority

* Conducted via Zoom platform

* Modules: Saturdays from 10.30am, plus workshops

* No recording of sessions, must attend live

* Module 1 requires pre-work by participants

* Activities set after each module

* 2021 webinar series recordings available (if needed)