

## WEST SYLLABUS SEPTEMBER 2025

WEEK	Classroom time	Lab Time
One	Introduction, Safety	Introduction/Equipment
	Female and Male Reproduction	Pipet usage and types
	Dish Making	Dish prep
	Endocrinology	Pipetting practice
Two	Equipment & Resumes	Stereozoom scope usage/finding embryos
	QC	Pipetting challenges & evaluations
	Andrology (S/A)	Semen analysis
	Fertilization & Embryo Development	Inverted scope use & Embryo grading
Three	Assisted Hatching	Pipetting Evaluations
	Advanced Andrology	Sperm processing
	Embryo Grading	Embryo culture & Grading
	Egg Retrieval & Stripping	Egg retrievals
Four	Embryo Transfers	Embryo Transfers
	Guest speakers	Stripping oocytes, Assisted Hatching
	Interviews	Sperm freeze/thaw
	Culture Media	Evaluations
Five	Air quality	Vitrification practice
	Cryo handling	Warming practice
	Vitrification/Warming	Vitrification skills practice
	Vit Do's and Don'ts	Vitrify and warm 75 embryos
Six	Guest speakers	Vit and warming evaluations
	One on ones	Hatching/Collapsing with laser
	ICSI Basics	Sperm pick up and maneuvers, egg rolling
	ICSI Troubleshooting	80 injections
Seven	Sperm Selection	TESE
	To ICSI or Not	ICSI evaluations
	Biopsy Basics	Practice 80 biopsies
	Biopsy Techniques	Practice 50 tubings
Eight	Biopsy Tubing & Troubleshooting	Send in 10 bx samples for DNA
	Mosaicism	Biopsy evaluations
	Catch-up week	Finish work from prior weeks
	Reviews and quizzes	Complete all evaluations
Nine	Governing Agencies & Paperwork	Paperwork
	One on ones	Workday sim preparation
	Errors & Legal	Workday Simulations
	Planning for research	Freezing backstock for WEST
Ten	Catch up	Finish assessments/re-do's
	Research project proposals	Research
	Statistics	Journal reviews
Eleven	Goals	Lab clean up
	Quiz Bowl, Kahoot	Expectations, Training Plans
Graduation Day- Nov 21	Journal Review & Presentations	Final Exam
	Friends & Family are invited	8:00 Set-up
		11:00 Student demos
		12:00 Lunch and certificate presentation
	1:00-3:00 Friends and family playtime	