SAMPLE SYLLABUS PAGES THAT ARE (1) PROBLEMATIC FOR STUDENTS, AND (2) CLEAR, ACCESSUBLE, INCLUSIVE, AND UNIVERSALLY DESIGNED

1. SAMPLE PROBLEMATIC SYLLABUS PAGES:

How easy would it be for a student to know…

- …the date of Exam 2
- …how many written and in-class assessments there will be?
- …when assigned work must be turned in?

Biology 246

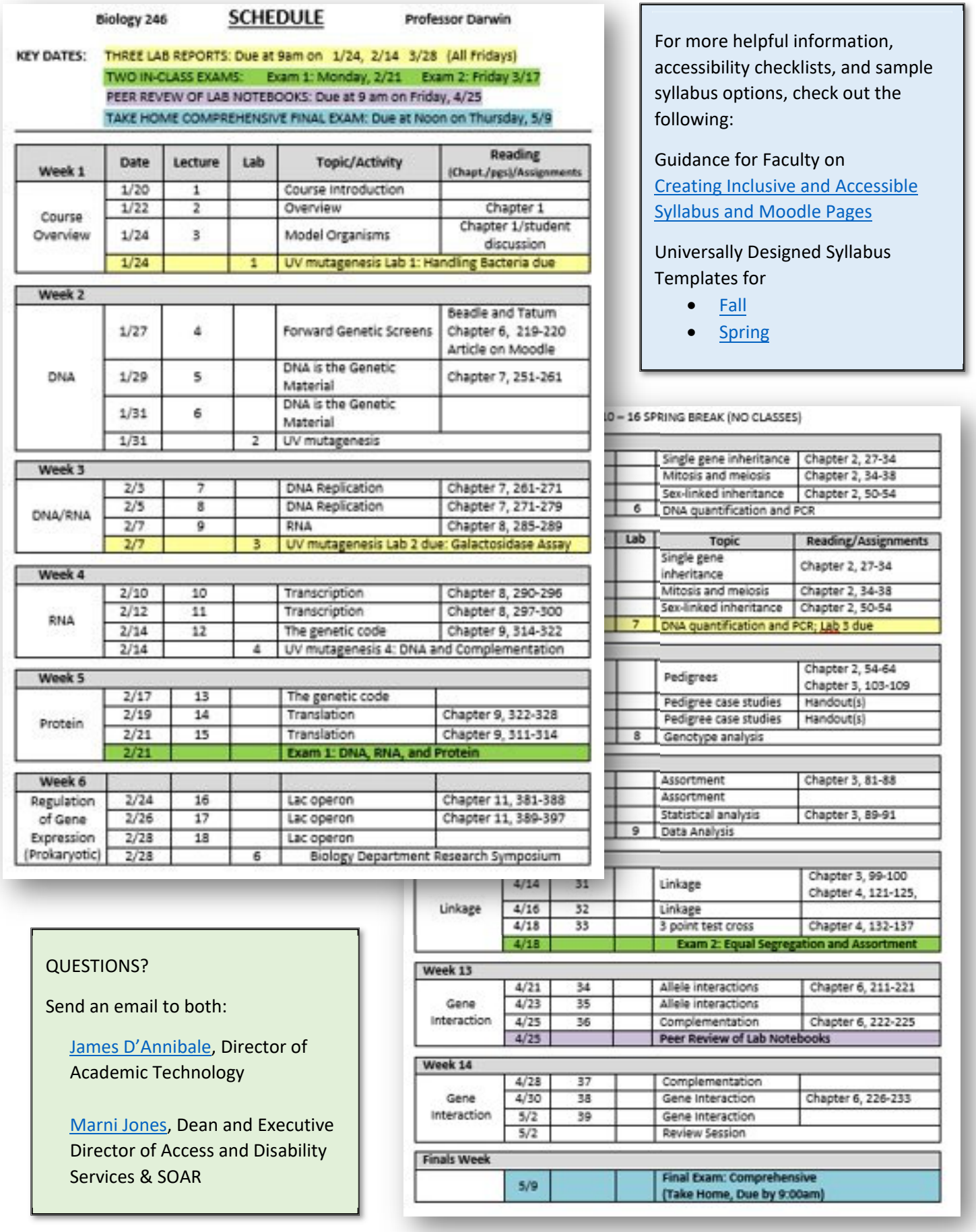
Week 1	Lecture	Lab	Topic/Activity	Reading (Chapter/pgs)/Assignments
Course Overview	1		Course Introduction	
	2		Overview	Chapter 1
	3		Model Organisms	Chapter 1/student discussion
		1	UV mutagenesis Lab 1: Handling Bacteria	
Week 2	Lecture	Lab	Topic	Reading/Assignments
DNA	4		Forward Genetic Screens	Beadle and Tatum Chapter 6, 219-220 Article on Moodle
	5		DNA is the Genetic Material	Chapter 7, 251-261
	6		DNA is the Genetic Material	
		2	UV mutagenesis Lab 2: Mutagenesis	
Week 3	Lecture	Lab	Topic	Reading
DNA/RNA	7		DNA Replication	Chapter 7, 261-271
	8		DNA Replication	Chapter 7, 271-279
	9		RNA	Chapter 8, 285-289
		3	UV mutagenesis Lab 3: β-galactosidase Assay	
Week 4	Lecture	Lab	Topic	Reading
RNA	10		Transcription	Chapter 8, 290-296
	11		Transcription	Chapter 8, 297-300
	12		The genetic code	Chapter 9, 314-322
		4	UV mutagenesis 4: DNA plasmids and Complementation	
Week 5	Lecture	Lab	Topic	Reading
Protein	13		The genetic code	
	14		Translation	Chapter 9, 322-328
	15		Translation	Chapter 9, 311-314
		5	Biology Department Research Symposium	
Week 6	Lecture	Lab	Topic	Reading
Regulation of Gene Expression (Prokaryotic)	16		Lac operon	Chapter 11, 381-388
	17		Lac operon	Chapter 11, 389-397
	18		Lac operon	
		6	Exam 1: DNA, RNA, and Protein	
Week 7	Lecture	Lab	Topic	Reading
Regulation of Gene Expression (Eukaryotic)	19		Regulation	Chapter 12, 415-426
	20			Chapter 12, 426-432
	21			Chapter 12, 441-444
		7	UV mutagenesis 5: PCR of suspected genes, scientific posters	
Spring Break! 5 pm March 7 - 8am March 16				
Week 8	Lecture	Lab	Topic	Reading
DNA Sequence Analysis	22		DNA sequencing	Chapter 10, 361-364

			equence	Lac operon mutants, in lab
			equence	Lac operon mutants, in lab
			ic DNA isolation, working with *D. gaster*	
				Reading
			gene ance	Chapter 2, 27-34
			and	Chapter 2, 34-38
			ked ance	Chapter 2, 50-54
			uantification and PCR	
				Reading
			es	Chapter 2, 54-64 Chapter 3, 103-109
			e case	Handout(s)
			e case	Handout(s)
			pe analysis	
				Reading
			ndent nent	Chapter 3, 81-88
			ndent nent	
			cal analysis quare	Chapter 3, 89-91
			nalysis	
				Reading
			e	Chapter 3, 99-100 Chapter 4, 121-125, 128-131
	35		Linkage	
	36		3 point test cross	Chapter 4, 132-137
		12	Exam 2: Equal Segregation and Independent Assortment (Take Home, Due by 5 pm)	
Week 13	Lecture	Lab	Topic	Reading
Gene Interaction	37		Allele interactions	Chapter 6, 211-221
	38		Allele interactions	
	39		Complementation	Chapter 6, 222-225
		13	Peer Review	
Week 14	Lecture	Lab	Topic	Reading
Gene Interaction	40		Complementation	
	41		Gene Interaction	Chapter 6, 226-233
	42		Gene Interaction	
		14	Review Session	
Exam 3 (Final Exam): Comprehensive Take Home Exam, Due by Friday, May 9				

This set up is also not good for students who rely on screen readers, as, with no separation of tables, there is no distinction between the weeks.

See page 2 for a better way to present the information.

2. SAMPLE UNIVERSALLY DESIGNED SYLLABUS PAGES THAT ARE CLEAR, INCLUSIVE, AND ACCESSIBLE



Biology 246 **SCHEDULE** Professor Darwin

KEY DATES: THREE LAB REPORTS: Due at 9am on 1/24, 2/14 3/28 (All Fridays)
TWO IN-CLASS EXAMS: Exam 1: Monday, 2/21 Exam 2: Friday 3/17
PEER REVEW OF LAB NOTEBOOKS: Due at 9 am on Friday, 4/25
TAKE HOME COMPREHENSIVE FINAL EXAM: Due at Noon on Thursday, 5/9

Week 1	Date	Lecture	Lab	Topic/Activity	Reading (Chapt./pgs)/Assignments
Course Overview	1/20	1		Course Introduction	
	1/22	2		Overview	Chapter 1
	1/24	3		Model Organisms	Chapter 1/student discussion
	1/24		1	UV mutagenesis Lab 1: Handling Bacteria due	
Week 2					
DNA	1/27	4		Forward Genetic Screens	Beadle and Tatum Chapter 6, 219-220 Article on Moodle
	1/29	5		DNA is the Genetic Material	Chapter 7, 251-261
	1/31	6		DNA is the Genetic Material	
	1/31		2	UV mutagenesis	
Week 3					
DNA/RNA	2/3	7		DNA Replication	Chapter 7, 261-271
	2/5	8		DNA Replication	Chapter 7, 271-279
	2/7	9		RNA	Chapter 8, 285-289
	2/7		3	UV mutagenesis Lab 2 due: Galactosidase Assay	
Week 4					
RNA	2/10	10		Transcription	Chapter 8, 290-296
	2/12	11		Transcription	Chapter 8, 297-300
	2/14	12		The genetic code	Chapter 9, 314-322
	2/14		4	UV mutagenesis 4: DNA and Complementation	
Week 5					
Protein	2/17	13		The genetic code	
	2/19	14		Translation	Chapter 9, 322-328
	2/21	15		Translation	Chapter 9, 311-314
	2/21			Exam 1: DNA, RNA, and Protein	
Week 6					
Regulation of Gene Expression (Prokaryotic)	2/24	16		Lac operon	Chapter 11, 381-388
	2/26	17		Lac operon	Chapter 11, 389-397
	2/28	18		Lac operon	
	2/28		6	Biology Department Research Symposium	

– 16 SPRING BREAK (NO CLASSES)

		Single gene inheritance	Chapter 2, 27-34
		Mitosis and meiosis	Chapter 2, 34-38
		Sex-linked inheritance	Chapter 2, 50-54
	6	DNA quantification and PCR	

	Lab	Topic	Reading/Assignments
		Single gene inheritance	Chapter 2, 27-34
		Mitosis and meiosis	Chapter 2, 34-38
		Sex-linked inheritance	Chapter 2, 50-54
	7	DNA quantification and PCR; Lab 3 due	
		Pedigrees	Chapter 2, 54-64 Chapter 3, 103-109
		Pedigree case studies	Handout(s)
		Pedigree case studies	Handout(s)
	8	Genotype analysis	
		Assortment	Chapter 3, 81-88
		Assortment	
		Statistical analysis	Chapter 3, 89-91
	9	Data Analysis	
Linkage	4/14	31	Linkage	Chapter 3, 99-100 Chapter 4, 121-125,
	4/16	32	Linkage	
	4/18	33	3 point test cross	Chapter 4, 132-137
	4/18		Exam 2: Equal Segregation and Assortment	
Week 13				
Gene Interaction	4/21	34	Allele interactions	Chapter 6, 211-221
	4/23	35	Allele interactions	
	4/25	36	Complementation	Chapter 6, 222-225
	4/25		Peer Review of Lab Notebooks	
Week 14				
Gene Interaction	4/28	37	Complementation	
	4/30	38	Gene Interaction	Chapter 6, 226-233
	5/2	39	Gene Interaction	
	5/2		Review Session	
Finals Week				
	5/9		Final Exam: Comprehensive (Take Home, Due by 9:00am)	

For more helpful information, accessibility checklists, and sample syllabus options, check out the following:

Guidance for Faculty on Creating Inclusive and Accessible Syllabus and Moodle Pages

Universally Designed Syllabus Templates for

- Fall
- Spring

QUESTIONS?

Send an email to both:

James D'Annibale, Director of Academic Technology

Marni Jones, Dean and Executive Director of Access and Disability Services & SOAR