

Chapter 5 Competency

The student will find indefinite and definite integrals, including the definition of area as a limit, and use this knowledge to study rectilinear motion, average value, and other applications.

Assignments – Week 1-5

Date	Core	More	Soar
Monday 2/4/19	The Definition of Area as a Limit Read: p. 340-349 p. 350 (1,5,13,27,35,37) Numerical Integration Worksheet	p. 350 (3,11)	p. 351 (39)
Wednesday 2/6/19	The Definite Integral Read: p. 353-359 In-Class Worksheet p. 360 (13,17,19,21,25)	p. 360 (15,23)	p. 361 (37)
Friday 2/8/19	The Indefinite Integral Read: p. 322-329 p. 330 (9,11,17,21,25,31,33,43,53)	p. 330 (13,19,27)	p. 331 (63,69,73)
Monday 2/11/19	Integration by Substitution Read: p. 332-337 p. 338 (1,11,25,39,53,61,69)	p. 338 (33,45)	p. 339 (55,63)
Count Day Wednesday 2/13/19	The Fundamental Theorem of Calculus Read: p. 362-372 p. 373 (1,5,15,19,25,45,49,57,59)	p. 373 (17,23)	p. 375 (63,70)
Thursday 2/14/19	Average Value Read: p. 385-388 p. 388 (1,5,9,15,27)	p. 388 (7)	p. 390 (31)
Wednesday 2/20/19	Rectilinear Motion Using Integration Read: p. 376-381 p. 382 (1,5,11,13,17b,37)	p. 382 (7)	p. 383 (43)
Friday 2/22/19	Substitution with Definite Integrals Read: p. 390-393 Extra Review Sheet p. 394 (1,9,23,25,31,37,43)	p. 394 (15,35)	p. 395 (55,59)
Monday 2/25/19	Chapter 5 Group Competency		
Wednesday 2/27/19 Early Release	Chapter 5 Review Unit Circle Quiz		
Friday 3/1/19	Chapter 5 Individual Competency		