

Textbook sections for course outlines effective Fall 2021
Stewart, Calculus Early Transcendentals, 9th edition

| Math 1A | |
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| Chapters/Sections | Notes |
| Chapter 1 optional | Review as needed |
| 2.1-2.3, 2.5-2.8 | 2.4 is optional. "Precise Definitions" in 2.6 are optional. |
| 3.1-3.6, 3.9, 3.10 | |
| 4.1-4.5, 4.7-4.9 | 4.6 is optional. |
| 10.1, 10.2 | Differentiation only in 10.2 |

| Math 1B | |
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| Chapters/Sections | Notes |
| Chapter 5 (5.1-5.5) | |
| 6.1-6.3 | 6.4, 6.5 are optional (see applications below) |
| Chapter 7 (7.1-7.8) | |
| 8.1 | 8.2-8.5 are optional (see applications below) |
| 9.1-9.4 | In 9.4, natural growth is required, logistic growth is optional. |
| 10.2 | Integration including area and arc length are required, differentiation is covered in Math 1A |
| Application sections | |
| 6.5, 8.2, Appendix G | Required: Select one or more applications to mathematics from these sections. |
| 6.4, 8.3 | Required: Select one or more applications to physics from these sections. |
| 8.4, 8.5 | Required: Select one or more applications to other areas from these sections. |

| Math 1C | |
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| Chapters/Sections | Notes |
| 10.3, 10.4 | |
| Chapter 11 (11.1-11.11) | Estimating sums is optional in 11.3-11.5. Physics applications are optional in 11.11 |
| 12.1-12.5 | Torque is optional in 12.4. 12.6 is covered in Math 1D |
| Chapter 13 (13.1-13.4) | In 13.4, velocity and acceleration are required, all other applications are optional. |

| Math 1D | |
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| Chapters/Sections | Notes |
| 12.6 | |
| Chapter 14 (14.1-14.8) | |
| Chapter 15 (15.1-15.9) | |
| Chapter 16 (16.1-16.10) | |