

**Math 1501 C3 C4 C5**  
**Fall 2004**  
**A. D. Andrew**

Monday	Tuesday	Wednesday	Thursday	Friday
<b>16 Aug</b> 1.2 Review 1.3 Inequalities 1.4 Coord plane	<b>17</b>	<b>18</b> 1.5 Functions 1.6 Functions 1.7 Functions	<b>19</b>	<b>20</b> 2.1 2.2 Limits
<b>23</b> 2.3 Limit theorems	<b>24</b>	<b>25</b> 2.4 Continuity	<b>26</b>	<b>27</b> 2.5 Trig limits, pinching theorem
<b>30</b> 3.1 Differentiation 3.2 Diff rules	<b>31</b>	<b>1</b> 3.3 Higher derivatives 3.4 Rates	<b>2</b>	<b>3</b> 3.5 Chain rule
<b>6</b> HOLIDAY	<b>7</b>	<b>8</b> 3.6 Trig functions	<b>9</b>	<b>10</b> 3.7 Implicit differentiation
<b>13</b> 3.8 Rates	<b>14</b>	<b>15</b> 2.6 Continuity 3.9 Newton's method, differentials	<b>16</b> HOUR TEST	<b>17</b> 10.2 Sequences 10.3 LUB Axiom
<b>20</b> 10.3 Limits	<b>21</b>	<b>22</b> 10.4 and web notes on limits, exponentials, logarithms	<b>23</b>	<b>24</b> 4.1 MVT
<b>27</b> 4.3 Max/Min	<b>28</b>	<b>29</b> 4.4 Max/Min	<b>30</b>	<b>1</b> 4.5 Max/Min
<b>4 Oct</b> 4.6 Convexity 4.7 Asymptotes, cusps	<b>5</b>	<b>6</b> 4.7 Asymptotes 4.8 Curve sketching	<b>7</b>	<b>8</b> DROP DAY 5.1 Integration
<b>11</b> 5.3 Integrals 5.4 FTC	<b>12</b>	<b>13</b> 5.5 Area problems	<b>14</b> Computer Project Due	<b>15</b> 5.6 Indefinite integrals
<b>18</b> HOLIDAY	<b>19</b> HOLIDAY	<b>20</b> 5.7 Change of variables	<b>21</b> HOUR TEST	<b>22</b> 5.8 Properties of Int 5.9 MVT
<b>25</b> 6.1 Areas	<b>26</b>	<b>27</b> 6.2 Volumes 6.3 Volumes	<b>28</b>	<b>29</b> 6.4 Centroids
<b>1 Nov</b> 6.5 Work	<b>2</b>	<b>3</b> 6.6 Pressure and force	<b>4</b>	<b>5</b> 7.2 7.3 Logarithms
<b>8</b> 7.4 Exponential fcn	<b>9</b>	<b>10</b> 7.5 Powers, bases	<b>11</b> Computer Project Due	<b>12</b> 7.6 Exponential growth
<b>15</b> 8.2 Integration by parts	<b>16</b>	<b>17</b> 8.3 Integration of trig expressions	<b>18</b>	<b>19</b> 8.4 Trig substitutions

<b>22</b> 8.5 Partial fractions	<b>23</b> HOUR TEST	<b>24</b> Complex numbers	<b>25</b> HOLIDAY	<b>26</b> HOLIDAY
<b>29</b> Complex numbers	<b>30</b>	<b>1 Dec</b> Complex numbers	<b>2</b>	<b>3</b> Review
<b>6</b> EXAM WEEK	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>