

# Phys102 - Course Syllabus - Spring 2010

Please refer to the Course Policy document available on Owl-Space or on the PHYS 102 website for additional details on assignments, exams, grading, etc.

<b>Week of</b>	<b>Chapter</b>	<b>Section(s)</b>	<b>Topics</b>
Jan. 11	<b>21</b>	1 - 4	Electric Charge
Jan. 18	<b>22</b>	1 - 5	Electric Field
Jan. 25	<b>23</b>	1 - 3	Gauss' Law for E
Feb. 1	<b>23, 24</b>	4 - 5, 1 - 2	Gauss' Law, Electric Potential
Feb. 8	<b>24</b>	3 - 7	Electric Potential
Feb. 15	<b>26, 28</b>	1 - 2, 1 - 4	Currents, Magnetic Fields
Feb. 22	<b>28, 29</b>	5 - 6, 1 - 5	Ampere's Law, Biot-Savart Law
March 1	<b>Spring Break</b>		
March 8	<b>25</b>	1 - 5	Capacitors
March 15	<b>26</b>	3 - 7	Resistors and Electric Power
March 22	<b>27</b>	1 - 5	DC Circuits
March 29	<b>30</b>	1 - 5	Faraday's Law
April 5	<b>32</b>	1 - 4	Inductance
April 12	<b>32, 33</b>	5 - 7, 1 - 3	Circuit, AC Circuits
April 19	<b>33, 34</b>	4 - 5, 1 - 2	AC Circuits, Maxwell's Laws