

# Syllabus Review

| <i>Week</i>   | <i>Date</i>         | <i>Topics</i>                                                       | <i>Lab</i>         | <i>Lab Report Due</i> |
|---------------|---------------------|---------------------------------------------------------------------|--------------------|-----------------------|
| <del>1</del>  | <del>09/07/10</del> | <del>Intro, Course &amp; Lab Overview, Microcontroller Basics</del> | <del>1</del>       |                       |
| <del>2</del>  | <del>09/14/10</del> | <del>PIC16F684 Overview and General Input/Output</del>              | <del>1 con't</del> |                       |
| <del>3</del>  | <del>09/21/10</del> | <del>Switches</del>                                                 | <del>2</del>       |                       |
| <del>4</del>  | <del>09/28/10</del> | <del>Seven Segment LEDs</del>                                       | <del>2 con't</del> | <del>1</del>          |
| <del>5</del>  | <del>10/05/10</del> | <del>Examination 1</del>                                            |                    |                       |
| <del>X</del>  | <del>10/12/10</del> | <del>No Class - Monday Schedule</del>                               |                    |                       |
| <del>6</del>  | <del>10/19/10</del> | <del>Analog to Digital Conversion</del>                             | <del>3</del>       | <del>2</del>          |
| <del>7</del>  | <del>10/26/10</del> | <del>Analog to Digital Conversion con't</del>                       | <del>3 con't</del> |                       |
| <del>8</del>  | <del>11/02/10</del> | <del>Lab Work (Finish Lab #3 and start Lab #4)</del>                | <del>3, 4</del>    |                       |
| <del>9</del>  | <del>11/09/10</del> | <del>LCD Interface and Assembly Language</del>                      | <del>4 con't</del> | <del>3</del>          |
| <del>10</del> | <del>11/16/10</del> | <del>Comparators, Timers, Pulse Width Modulation (PWM)</del>        | <del>5</del>       |                       |
| 11            | 11/23/10            | Mixed C & Assembly Programming/Course Project                       | Project            | 4                     |
| 12            | 11/30/10            | Examination 2                                                       |                    |                       |
| 13            | 12/07/10            | Course Project                                                      | Project            | X                     |
| 14            | 12/14/10            | Final Exam/Course Project Brief and Demonstration                   | Demo               |                       |
|               |                     |                                                                     |                    |                       |