

**09 Telecommunications  
Administrator  
Examination Content Outline**

| <b>Exam Section</b>  | <b>NEC and Theory</b>             | <b>WA Codes</b> | <b>Major Load Calculations</b> |
|--|-----------------------------------|-----------------|--------------------------------|
| <b>Time Allowed (hours)</b>  | <b>2</b>                          | <b>1</b>        |                                |
| <b>Knowledge Area</b>  | <b>Approximate # of Questions</b> |                 |                                |
| NEC 90 , Introduction  | 2                                 |                 |                                |
| NEC 100 – 110 , General Requirements                                     | 3                                 |                 |                                |
| NEC 200 – 225, 280 – 285 , Wiring & Protection                           |                                   |                 |                                |
| NEC 230 , Services   |                                   |                 |                                |
| NEC 240 , Overcurrent Protection   |                                   |                 |                                |
| NEC 250 , Grounding & Bonding  | 3                                 |                 |                                |
| NEC 300 – 398 , Wiring Methods   | 3                                 |                 |                                |
| NEC 400 – 427, 455 – 480 , Electrical Equipment                          |                                   |                 |                                |
| NEC 430 – 450 , Motors, HVAC, Generators, Transformers                   |                                   |                 |                                |
| NEC 490 , Equipment > 600 volts  |                                   |                 |                                |
| NEC 500 – 516 , Hazardous Locations                                      | 1                                 |                 |                                |
| NEC 517 – 590 , Special Occupancies                                      |                                   |                 |                                |
| NEC 600 – 695 , Special Equipment  |                                   |                 |                                |
| NEC 700 – 702 , Emergency & Standby Systems                              |                                   |                 |                                |
| NEC 705 – 780 , Special Conditions                                       | 4                                 |                 |                                |
| NEC 800 – 830 , Communication Systems                                    | 8                                 |                 |                                |
| Washington Laws and Rules (RCW & WAC)                                    |                                   | 17              |                                |
| Major Load Calculations  |                                   |                 |                                |
| General Trade Knowledge & Theory   | 6                                 |                 |                                |
| <b>Total Questions</b>   | <b>30</b>                         | <b>17</b>       |                                |
| <b>Note:</b>   |                                   |                 |                                |
| The number of questions in any individual knowledge area is approximate. |                                   |                 |                                |
| <b>April 2006</b>  |                                   |                 |                                |