**CSC3320 System Level Programming**

**Program Challenge 2 KEY (22 points)**

For the questions with commands,

Errors in command name -0.5 point

Errors in options or arguments -0.5 point

1. $cat CSC\_Course.txt **1 point**
2. $wc CSC\_Course.txt **1 point**
3. $man cat 1 point **1 point**
4. A.-n **0.5 point**

B. q **0.5 point**

C. $cat –n CSC\_Course.txt **1 point**

D. No **1 point;**

or yes when scroll up the screen.

1. A.$more CSC\_Course.txt **1 point**

B. Yes. **0.5 point**

Screenshot**. 0.5 point**

C. q **0.5 point**

1. More display content of file with pauses

**1 point**

1. $head -10 CSC\_Course.txt **1 point**

or $head CSC\_Course.txt

1. $tail -10 CSC\_Course.txt **1 point**

or $head CSC\_Course.txt

1. $file CSC\_Course.txt **1 point**
2. $ls –ld .. **1 point**
3. $mv ~/PC2 ~/CSC3320\_PC2 **1 point**
4. $mv CSC\_Course.txt Course.txt **1 point**
5. $mkidr Backup **1 point**

$cp Course.txt Backup/Course.backup **1 point**

1. $ls –l Course.txt **1 point**
2. rw-rw-r--

In the first three characters, r means user can read it, w means user can write it, - means user cannot execute it **0.5 point**

In the middle three characters, r means group can read it, w means group can write it, - means group cannot execute it **0.5 point**

In the last three characters, r means other user can read it, - means other user cannot write it, - means other user cannot execute it **0.5 point**

**Cannot tell the details for each bit and differences for user, group, other. -1 point**

1. $chmod 640 Course.txt **1 point**
2. $chmod a+r,a+w Course.txt **1 point**