**Program 1:** Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Runtime:**

Command Line Arguments \_\_\_\_\_ 5 Points

Name \_\_\_\_\_ 5 Points

Address \_\_\_\_\_ 5 Points

City \_\_\_\_\_ 5 Points

State

Code \_\_\_\_\_ 5 Points

Capital

Zip Code

5 digit \_\_\_\_\_ 5 Points

4 digit \_\_\_\_\_ 5 Points

Dates

Month \_\_\_\_\_ 15 Points

Day

Year

Expiration after \_\_\_\_\_ 5 Points

Radio Class \_\_\_\_\_ 5 Points

Call Sign

Characters \_\_\_\_\_ 5 Points

Middle digit \_\_\_\_\_ 5 Points

Not uppercase \_\_\_\_\_ 5 Points

**Runtime sub total \_\_\_\_\_ 75 Points**

**Specifications**

Read till EOF was encountered processing

One record at a time \_\_\_\_\_ 10 Points

Errors indented, one record – multiple errors under it

Proper Error Messages \_\_\_\_\_ 10 Points

Used one read and one write to fill structure \_\_\_\_\_ 5 Points

**SubTotal \_\_\_\_\_ 25 Points**

**Program 1 Runtime and specification total \_\_\_\_\_ 100 Points**

**Documentation and coding standards (minus) \_\_\_\_\_ Points**

**Final Program Grade \_\_\_\_\_ 100 Points**

**Program Header (40 Points)**

Main Page & @file (5 Points) \_\_\_\_\_

Course Information(10 Points)

Author \_\_\_\_\_

Date Due \_\_\_\_\_

Professor \_\_\_\_\_

Course \_\_\_\_\_

Location \_\_\_\_\_

Program Information (10 Points)

Details \_\_\_\_\_

Compiling (5 Points)

Compile & usage \_\_\_\_\_

Todo, Bugs (10 Points)

Bugs \_\_\_\_\_

Todo \_\_\_\_\_

**Subtotal \_\_\_\_\_ (40)**

**Function Header (10 Points)**

Author \_\_\_\_\_

Description \_\_\_\_\_

Params (when needed) \_\_\_\_\_

Returns (when needed) \_\_\_\_\_

**Subtotal \_\_\_\_\_ (10)**

**Others (15 Points)**

Meaningful variable names \_\_\_\_\_

Whitespace around \_\_\_\_\_

functions \_\_\_\_\_

blocks of code & operators \_\_\_\_\_

Comments, \_\_\_\_\_

must be adequate to cover the algorithm if the code was removed

Documented \_\_\_\_\_

Global Constants \_\_\_\_\_

Structures \_\_\_\_\_

Enums \_\_\_\_\_

Typedefs \_\_\_\_\_

**Subtotal \_\_\_\_\_ ( 15 )**

**Other items not mentioned above \_\_\_\_\_ (- )**

Multiple Files and files named correctly (10 Points) \_\_\_\_\_

Global Variables (10 Points per variable) (Max of 30 Points) \_\_\_\_\_

Bugs (30 Points) if it fails on given data and no bugs are recorded\_\_\_\_\_

Compiler Warnings (5 points per warning) (max 20 Points) \_\_\_\_\_

80 character line limit (10 Points) \_\_\_\_\_

**Total Documentation (max 100 Points) \_\_\_\_\_**