

## RASC Astroimaging Certificate Program – Deep-Sky Application



Congratulations on completing the Astroimaging Deep-Sky Certificate Program! In order to receive your certificate, please complete this form and submit it to:

Chair, Astroimaging Committee  
Royal Astronomical Society of Canada  
PO Box 280  
Lucky Lake SK S0L1Z0  
Email to [rascimaging@rasc.ca](mailto:rascimaging@rasc.ca)

### **Affidavit:**

I, \_\_\_\_\_ do attest to the following:

I have imaged 12 objects as required for the Deep Sky Certificate, and I wrote a detailed description of each object imaged.

As evidence of the above, I am submitting the required 12 images, plus a log of all equipment, settings, and steps taken for every picture. Pictures from remote telescopes will not be allowed.

yyyy-mm-dd

Applicant's Name: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_

Please send me my certificate in English/French \_\_\_\_\_

Centre \_\_\_\_\_ (or indicate if Unattached)

NOTE: The applicant must be a member in good standing of the RASC to be awarded this certificate.

The applicant agrees that the submitted images may be posted in an online forum. Please check Yes or No

### **Requirements -- two each of:**

- Emission or reflection nebulae
- Spiral galaxies
- Planetary nebulae
- Open clusters
- Globular clusters
- Dark nebula or comet

The following features are expected in the pictures:

- Correct name or title
- Good tracking as shown by stars that are not trailed.
- Good focusing as shown by small stars or sharp details.
- Picture well framed showing entire object, but not too small in the picture.
- Vignetting controlled by flats if necessary.
- Camera noise controlled by darks if necessary.
- Noise minimized by proper exposure and stacking.
- No clipping of blacks, background should not be completely dark.
- No clipping of white areas. Pictures of clusters should show star colours.
- Pictures processed (stretched) if necessary to show fainter details.