

(e.g., video or image using the cameras available in the lab.), developing and implementing necessary computer programs (C/C++ or Matlab codes), submitting a final report documenting his/her activities on the project, and presenting a short oral presentation (15 minutes).

Recommended Textbooks

[1] Computer Vision: A Modern Approach by D. A. Forsyth and J. Ponce, Prentice Hall, Upper Saddle River, N.J., 2003.

[2] Multiple View Geometry in Computer Vision, Richard Hartley and Andrew Zisserman, Cambridge University Press, Second Edition, March 2004.

[3] Digital Image Processing, by Rafael C. Gonzalez (Author), Richard E. Woods. Prentice Hall, (2nd Edition) 2008.

[4] Introductory Techniques for 3-D computer Vision, by Emanuele Trucco and Alessandro Verri, Prentice Hall, 1998