

NEURL-GA 3042.005 – Spring, 2014

Representation and Analysis of Visual Images

Name: _____

Email Address: _____

Department: _____

Status (eg., MS student, PostDoc): _____

Credit/Audit likelihood: _____

Describe your background relevant to this course. For each topic, indicate:

- 1 - never heard of it,
- 2 - know the concept, but not well enough to use it,
- 3 - know it well enough to use it

least-squares regression	
eigenvalue/eigenvector decomposition	
convolution	
Fourier transform	
Nyquist (Whittaker-Shannon) sampling theorem	
Laplacian pyramid	
Maximum likelihood estimation	
Bayesian inference/estimation	

How much experience do you have with MatLab?

What do you hope to get out of this course? Which topics are particularly important to you?