COMP3065– Computer Vision (CV)

2024/ 25 Schedule of act ivit ies( Tentative)

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| **Week** | **Title** | **Date** | **Led by** |
| **1** | Topic 1: Introduction to CV module |  | Tianxiang & Fiseha |
| **2** | Topic 2: Describing Image Regions and Patches |  | Tianxiang |
| **3** | Topic 3: Point Features: SIFT |  |
| **4** | Topic 4: Image Stitching 1 |  |
| **5** | Topic 5: Image Stitching 2 |  |
| Multiple Views and Motion | | |  |
| **6** | Topic 6: Camera, Camera Calibration, Epipolar Geometry |  | Fiseha |
| **7** | Topic 7: Stereo |  |
| **8** | Topic 8: Optical Flow |  |
| Recoginition and Generative Models | | |
| **9** | Topic 9: Bag of features |  |
| Topic 10: Voila Jones methods |  |
| **10** | Topic 11: Convolutional Neural Network (CNN) for CV |  |
| **11** | Topic 12: Generative Adversarial Networks (GANs) |  |
| **12** | Revision |  | Tainxiang & Fiseha |

\* Please check for Moodle announcements as these could still change