

ECE 480 – Fall 2017

Project/Team Preference Ranking

Name (please print) _____ PID _____ Major (EE or CPE) _____

Rank the project titles below in the order of your preference to work on them (1 = highest, 9 = lowest).

- _____ Team 1: **Design and Development of a Compact Eddy Current Sensor/System**, Sponsor: MSU- Non-Destructive Evaluation Laboratory
- _____ Team 2: **Adaptive 3D Sensing Technology for Rapid NDE**: Sponsor: MSU-Prof. Y. Deng
- _____ Team 3: **Electricity generation from Hot Rails** Sponsor: Union Pacific
- _____ Team 4: **Electricity generation from regenerative rail car braking** Sponsor: Union Pacific
- _____ Team 5: **Human Swarm Interaction**: Sponsor: MSU: - Prof. Srivastava
- _____ Team 6: **Autonomous Robot Navigation** Sponsor: CANVASS
- _____ Team 7: **Process Automation Monitor** Sponsor: ArcelorMittal USA
- _____ Team 8: **Advanced Driver Assistance System -** Sponsor: Continental
- _____ Team 9: **Characterizing Sow Locomotion using Kinect Depth Sensor Data**: Sponsor: MSU: Vet Med
- _____ Team 10: **Wireless wearable motion sensor system** Sponsor: MSU: Vet Med
- _____ Team 11: **Sensor/System for monitoring environment** - Sponsor: MSU: Fraunhofer Institute
- _____ Team 12: **Radar Micro-Doppler Classification for Autonomous Vehicles** Sponsor: MSU: Prof. Nanzer

Other Important Information:

(Highly optional – use with care): If there are any students *with whom you have worked before as a partner*, and with whom you do NOT want to be teamed with again, indicate their names below. This information will be kept confidential.

Former Team Member to Avoid: 1. _____ 2. _____

Ranking of Non-Technical Roles on Team (1=most preferred, 5=least preferred):

Management _____ Document Prep _____ Presentation Prep _____ Lab Coordinator _____

Check the following courses taken (or concurrent) and skills: _____ ECE 313 _____ ECE 320 _____ ECE 366 _____ ECE 405
_____ ECE 416 _____ CSE 420 _____ ECE 474 _____ CSE 232 _____ CSE 335 _____ CSE 450 _____ Linux(sys builds) _____ JAVA

We cannot guarantee that you will be assigned to work with the team members you designate (if any), nor on the projects you ranked at or near the top, nor in the roles/technical activities you ranked highest. Many of you will pick the same attractive projects as your top ranked ones, and only a few can be assigned to them! We will try to accommodate your preferences as well as we can, while assuring that all students have a project and that all teams are balanced.

RETURN THIS FORM TO INSTRUCTORS IN CLASS BY FRIDAY SEPTEMBER 1, 2017