

**Department: EECS**  
**Program: MS EE**

Skill Set	Professional Application	Delivery of Skill Set Courses, extracurricular activities, etc. in which the skill set is introduced (I), reinforced (R), or mastered (M)
an ability to apply knowledge of mathematics, science, and engineering	Engineering design	(I and R) undergrad coursework (M) EEEN 5303 (multiple different courses), 5304, 5321, 5324, 5326, 5327, 5329, 5330, 5333, 5335, 5336, 5337, 5338, 5339, 5340, 5342, 5350
an ability to communicate effectively	Technical and non-technical presentations, and interactions with non-engineers	(I and R) undergrad coursework (M) EEEN 5303: Studies on Current Research, EEEN 5305, 5306
an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice	Engineering design	(I and R) undergrad coursework (M) EEEN 5303 (multiple different courses), 5326, 5327, 5329, 5330, 5331, 5333, 5339, 5341
an ability to propose and complete new research	Research and development for new products	(I and R) undergrad coursework (M) EEEN 5303: Studies on Current Research, EEEN 5305, 5306