

**Department:** MSE

**Course No.:** 4901W

**Credits:** 3

**Title:** Capstone Design Project I

**Content Area:** Writing Competency

**Catalog Copy:**

Revised Title and Catalog Copy

MSE 4901W. Capstone Design Project I

Seniors working in teams with faculty and industry mentors solve open ended projects in design of materials, materials processes, and materials systems. Oral and written reports are required in each semester. For students with high academic standing the BSE and MS projects may overlap.

### **Course Information**

MSE 4901(formerly MMAT 287) and MSE 4902 (MMAT 288) were approved as P courses and then just MSE 4902 was designated a W course, although writing was spread over three semesters. The assignment of 3 credits per semester reflects the actual effort required of the students and allows for more time for discussion of major topics. Writing of a statement of work has been added to the first semester (MSE4901W) and a second written progress report has been added to the second semester (MSE 4902W). Students are mentored on design and technical writing by their faculty advisors. Organization of the course into multiple sections recognizes that instruction is to individual students or small groups (< 6 students/faculty advisor).