

AgM 151a-b. Farm Power (2-2) F-S**Keck**

Prerequisites: AgM 15a, 17. (a) Principles of the internal combustion engine; adjusting, servicing, and minor repairs practical in farming operations. (b) Overhauling and repairing of gasoline and diesel farm tractors and engines; field servicing and repairing of auxiliary power plants on farm machinery. (1 lecture, 3 lab hours)

AgM 159. Pumps and Motors (3) F and S**DeTar**

Prerequisites: AgM 15a, Ag 146. Operation and study of centrifugal and deep well turbines; testing of pumps and motors under operating conditions to determine efficiency; installation, protective devices, maintenance and proper selection of single and three-phase motors used on the farm. (2 lecture, 3 lab hours)

AgM 190. Independent Study (1-5) F and S (See page 61)**Staff**