

MACH AA and CA Machine Technology

PLO (program outcome to which this SLO maps)	PLO Reflection (What were the strong points and weak points students demonstrated in the courses? What areas need more attention? What do your results show about student learning?)	PLO Action Plan (include timeline for implementation, key/responsible personnel, priority high/medium/low, status report/reflection on results of action plan)
All PLOs	Capstone courses used to evaluate program. Assessment of Mach 30 and Mach 31 revealed students not having sufficient knowledge of basic word programming (G, M and compensation offset programming).	1. Course Outline for Mach 30 (currently under rewrite) goes from dual emphasis on word programming and CAD/CAM to sole emphasis on word programming. TIMELINE; ALREADY IN EFFECT.
1. Technical literacy, 2. Safety		Coursework for Mach 31 will focus entirely on 2 and 3 axis programming, no longer demonstrating 4th axis programming. TIMELINE; ALREADY IN EFFECT.
1. Technical literacy, 2. Safety, 3. Machining Skills, 4. Planning		Because of a growing industry emphasis on 4th and 5th axis capabilities, a new course focusing on 4th and 5th axis programming and machining is being written. Along with this new course a \$60,000 investment in five axis machining equipment and training using Strong Workforce Regional Funding has been made. TIMELINE;