ID #: _____ Student: _____ _____

Communications – 1 course
ENG 1330   English Composition I * + (3)   (written)
ENG 1440   Public Speaking + (3)   (oral)
ENG 1670   Interpersonal Communications I (3)   (oral)
TEC 1040   Technical Writing * (3)   (written)

Human Development – 1 course
PSY 1130   General Psychology I + (3)
PSY 1160   Applied Psychology (3)
PSY 1250   Human Growth and Development (3)
SOC 1130   General Sociology (3)
SOC 1230   Social Problems (3)
SOC 1540   Introduction to Cultural Anthropology (3)
SOC 1600   Ethnicity and Cultural Differences
                  In America (3)

Mathematics – 1 course
TEC1900 - Technical Math I (3)
TEC1910 - Technical Math II (3)
MAT1180 - Fundamentals of Algebra (5)
MAT1185 - Fundamentals of Algebra (4)
MAT1205 - Applications of College Math (3)
MAT1240 - Quantitative Reasoning (3)
MAT1260 - Elementary Statistics (3)
MAT1270 - Pre-Calc: Algebraic Reasoning (3)
MAT1370 - Pre-Calc: Trig & Geom Reasoning (3)
MAT1600 - Calculus for Business/Soc Sciences (3)
MAT1650 - Analytical Geometry & Calculus I (5)
MAT2150 - Analytical Geometry & Calculus II (5)

Physical Science – 1 course
BIO 1100   Introduction to Biological Science (3)
BIO 1150   General Biology (5)
BIO 1250   General Botany (5)
BIO 1350   General Zoology (5)
BIO 1430   Environmental Science (3)
PHS 1130   Physical Science * (5)
PHS 1200   Introductory Astronomy (3)
PHS 1230   Oceanography (3)
PHS 1250   Introductory Chemistry * (5)
PHS 1350   General Chemistry I * (5)
PHS 1420   College Physics I * (4)
PHS 2230   General Physics I * (4)
PHS 2400   Earth Science (5)
PHS 2420   Earth Science I (3)
PHS 2430   Earth Science II (3)
TEC 1070   Unified Technical Concepts I * (4)
TEC 1080   Unified Technical Concepts II * (4)

Computer Literacy – 1 course
CIS 1050   Introduction to Computers (3)
CIS 1730   Computer Applications (2)
CIS 1750   Microcomputer Applications * (3)

+   Designates recommended courses for
     students planning to transfer to another
     institution or another program in the future.
*   Designates courses with prerequisites.

(CC)   These courses are available through
          Participating Area Career Centers.

NOTE: See graduation policies on back

MINERAL AREA COLLEGE

CERTIFICATE
Machine Tool Technology
(Major Code: MO - CE) CIP 48.0501

Sem/Yr   Grade

_____   TEC 1000   Machine Shop I (CC) 6   _____
_____   TEC 1160   Machine Shop II * (CC) 6   _____

                  Required Technical Courses:
_____   TEC 1300   Computer Aided Design/Drafting. 3   _____
_____   TEC 1320   Adv. Comp Aided Design/Drafting *......3   _____
_____   TEC 1790   Basic Numerical Control Program.........3   _____
                  Total Core Credits 21

                  Communications: (1 course)

_____   _____ 3   _____

                  Human Development: (1 course)

_____   _____ 3   _____

                  Mathematics: (1 course)

_____   _____ 3-5   _____

                  Physical Science: (1 course)

_____   _____ 3-5   _____

                  Computer Literacy: (1 course)

_____   _____ ..2-3   _____

_____   **GUI1010 First Year Seminar** 1   _____

_____   **TSA0000 Technical Skills Assessment** 0   _____

                           Total Credit Hours   36-41

GPA: _____

Advisor: _____

Certificate
Machine Tool Technology
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GRADUATION POLICIES: (Diplomas and Certificates)

1. An Application for Graduation form must be filed with the Registrar's Office by the end of the second week of the fall and spring terms and by the end of the first week of the summer term. Contact advisor for assistance.
2. All applicants are required to complete an Exit Exam and a Technical Skills Assessment.
3. All applicants are required to complete a graduation interview with the Career Services Director.
4. A minimum institutional and cumulative career GPA of 2.0 is required for graduation.
5. Fifteen (15) hours of Mineral Area College credit must be included in the degree.

_____
Signature Required
Acknowledgement of Graduation Policies

_____
Date