ASSOCIATE OF APPLIED SCIENCE PROGRAMS

TECHNOLOGY - MACHINE TOOL

Please see the Associate of Applied Science page for a list of all courses filling general education requirements.

Mission

The mission of the Associate of Applied Science in Technology is to provide employment-related knowledge and skills necessary as a professional in a chosen field of study.

Student Learning Outcomes

Students who complete an Associate of Applied Science in Technology are expected to:

- Know the subject matter appropriate to the emphasis of the degree. (WNC SLO 1,3,6,7)
- Communicate effectively and appropriately, in oral and written form. (WNC SLO 2)
- Locate, evaluate and properly utilize the tools and resources appropriate to a technology degree professional. (WNC SLO 1,6,7)
- Acquire skills and perform tasks necessary for employment or career enhancement. (WNC SLO 1,7)
- Developed an appreciation of the importance of social, ethical, legal and diversity issues. (WNC SLO 5,7)
- Developed an appreciation of the need and importance of lifelong learning. (WNC SLO 1)

Required Courses

Course	Title	Units
Total Requirements		**60 Units**
Program Requirements		**36 Units**
DFT 110	Blueprint Reading for Industry	3
MTT 105	Machine Shop I	3
MTT 106	Machine Shop Practice I	2
MTT 110	Machine Shop II	3
MTT 111	Machine Shop Practice II	2
MTT 230	Computer Numerical Control I	4
MTT 232	Computer Numerical Control II	4
MTT 250	Machine Shop III	3
MTT 251	Machine Shop Practice III	2
MTT 260	Machine Shop IV	3
Choose 7 units from the following program electives:		
AIT 101	Fundamentals of Applied Industrial Technology	4
MTT 261	Machine Projects	1-6
MTT 262	Machine Shop Practice IV	2
MTT 292	Computer-Aided Manufacturing I	4
MTT 293	Computer-Aided Manufacturing II	4
MTT 295	Work Experience	1-6
Any MTT Course		1-6
Related WELD or other technical/trade course		1-6
General Education Requirements		**24 Units**
English/Communications Requirements: *Recommend: Bus 107* *Must include a writing course*		6
Human Relations Requirement:		3

Course	Title	Units
Recommended: BUS 110		
Humanities/Social Science Requirement		3
Mathematics Requirement: *Recommended: MATH 110*		3
Science Requirement		3
U.S. and Nevada Constitution Requirement		3
General Elective		3

Suggested Course Sequence

MACHINE TOOL TECHNOLOGY - Associate of Applied Science			
First Semester	**Units**	**Third Semester**	**Units**
MTT 105	3	MTT 230	4
MTT 106	2	MTT 250	3
English Course (*BUS 107 Recommended*)	3	MTT 251	2
Human Relations	3	Humanities/Social Science	3
Science	3	Program Elective	Units vary
Second Semester	**Units**	**Fourth Semester**	**Units**
DFT 110	3	MTT 232	4
MTT 110	3	MTT 260	3
MTT 111	2	General Elective	3
English/Communication	3	Program Elective	Units vary
Mathematics	3	U.S./NV Constitution	3