

Name \_\_\_\_\_

Phone \_\_\_\_\_ E-mail \_\_\_\_\_

Student BSU ID# \_\_\_\_\_

**Liberal Education 42 credits**

**1. Oral & Written Comm.**

(2 courses-min. 6 credits)

	Sem.	Gr.	Cr.
NTC/ENGL 1111 Composition I*			3

**2. Critical Thinking**

**3. Natural Sciences**

(2 courses-min. 7 credits- 1 lab required)

	Sem.	Gr.	Cr.

**4. Math/Symbolic Systems**

(1 course-min. 3 or more credits)

	Sem.	Gr.	Cr.
BSU/MATH 1110 Beginning Algebra*			3

**5. History, Social & Behav Sciences**

(2 courses-min. 6 or more credits)

	Sem.	Gr.	Cr.
BSU/IT 2100 Impact of Technology*			2

**6. Humanities-Arts, Lit. Phil.**

(2 courses-min. 5 or more credits)

	Sem.	Gr.	Cr.
NTC/PHIL 1102 Intro to Ethics*			3

**7. Human Diversity**

(1 course-min. 2 or more credits)

	Sem.	Gr.	Cr.

**8. Global Perspective**

(1 course-min. 3 or more credits)

	Sem.	Gr.	Cr.

**9. Ethical & Civic Responsibility**

(1 course-min. 2 or more credits)

	Sem.	Gr.	Cr.
NTC/CPTR 1104 Intro to Computers*			3

**10. People and the Environment**

(1 course-min. 3 credits)

	Sem.	Gr.	Cr.

**11. Performance & Participation**

(1 credit)

	Sem.	Gr.	Cr.
NTC/SPCH 1114 Intro Public Speak*			3

**Free Electives – 7 credits**

	Sem.	Gr.	Cr.
BSU/IT 2100 Impact of Technology*			2

<b>Degree Summary</b>	Liberal Education	42 credits
	Technical Core	60 credits
	Guided Professional Core	14 credits
	Culmination Core	4 credits
	Free Electives	7 credits
<b>Total Credits Required for Graduation</b>		<b>127 credits</b>

**Prototype Engineering Technology – 78 credits**

<b>Required Technical Core – 60 cr.</b>	Sem.	Gr.	Cr.
MODL1130 Model Communications*			2
MODL1150 Print Reading/Sketching*			2
MODL1170 Molding & Casting*			3
MODL1180 Model Finishing*			3
METC2110 Jigs & Fixtures			2
MODL2210 Model Processes I*			3
MODL2215 Model Processes II*			3
MODL2220 Model Processes III*			3
MODL2260 Fundamentals of Packaging			2
MODL2230 Rapid Prototyping*			2
MODL2235 Model Management*			2
MODL2245 New Product Development*			2
MODL2250 3D Solid Modeling*			3
IT 1460 Technical Graphics*			3
IT 2608 Computer Control Machining*			3
IT 3218 Advance Machining			3
IT 3460 Parametric 3-D Model			3
IT 3606 Engineering Model			4
IT 3607 Architectural Model			4
IT 3610 Industrial Prototype			4
IT 4817 Senior Project I (1 <sup>st</sup> semester)			2
IT 4818 Senior Project 2 (2 <sup>nd</sup> semester)			2
<b>Total Technical Core 60 Credits</b>			

<b>Guided Professional Core</b>	Sem.	Gr.	Cr.
<b>Select 14 of 25 credits</b>			
IT 3870 Tech Sales/Presentation			2
IT 3880 Human Resource Development			2
IT 3890 Materials Handling/Plant Layout			2
IT 4819 Design Management			4
IT 4870 Production Management			3
IT 4877 Industrial Maintenance & Safety			3
IT 4878 Quality Assurance			3
IT 4890 Industrial Organization/Leadership			3
IT 4897 Project Management			3
<b>Total Professional Core Credits</b>			

<b>Required Culmination Core – 4 cr.</b>	Sem.	Gr.	Cr.
IT 3810 Portfolio Preparation			1
IT 4810 Portfolio Presentation			1
IT 4970 Internship			2
<b>Total Culmination Core Credits</b>			

\*Courses are part of the NTC Industrial Model Making, AAS