



MANUFACTURING TECHNOLOGY CERTIFICATE I Certificate Program

Career Curriculum 00CIM0092
Certificate Program
Minimum Hrs. 28
Major Code: 1.2 150411K

FALL SEMESTER

Dept. No.			Hrs.	Gr.
DRT 185	Computer Graphics I		2	___
IND 121	Manufacturing Processes I		2	___
MAC 180	Blueprint Reading		3	___
MAT 106	Technical Mathematics		4	___
MFT 103	Industrial Robots and PLCs		3	___
			<u>14</u>	

SPRING SEMESTER

Dept. No.			Hrs.	Gr.
ELT 102	Basic Electricity and Wiring		4	___
IND 122	CAD/CAM Operations		2	___
MFT 101	Production Technology		3	___
MFT 110	Statistical Process Control		2	___
MFT 201	PLC Manufacturing Systems		3	___
			<u>14</u>	

OPTIONAL

Dept. No.			Hrs.	Gr.
ATI 200	Applied Technologies Internship		1-3	___

The Manufacturing Technology Certificate I Program (00CIM0092) is an ICCB approved extension of the Manufacturing Technology AAS Degree Program (00CIM0091) (Electronics Concentration).

*John A. Logan College reserves the right to modify this curriculum guide as needed.
Please verify with your academic advisor the accuracy and time lines of this document.*

Effective Date: Fall 2010

Career Opportunities: Graduates of this program can expect to be employed as job-shop machinists, production machinists, maintenance machinists, machine setters, operators and tenders, metal, wood, and plastic computer-control programmers and operators, and apprentice tool and die makers.