

SUNY SCHENECTADY
CURRICULUM WORKSHEET

PROGRAM: **NANOSCALE MATERIALS TECHNOLOGY A.A.S.**

HEGIS # 5311 SCCC Program Code # 66 Program Entry Date:

Student Name:

ID Number:

Former College(s) Attended:

PROGRAM REQUIREMENTS			CR	GRADE	TRANSFER	COMMENTS
CHM	121	General Chemistry I	4			
CIS	221	Computer Applications	3			
ELT	110	Electrical Circuits I	4			
ELT	121	Electrical Circuits II	4			
ELT	231	Electronics	4			
ELT	256	Process Control and Instrumentation	4			
ENG	123	College Composition	3			
ENG	211	Technical Writing	3			
FYS	100	First Year Seminar	1			
MAT	118	Technical Math	3			
MAT	147	Statistics	3			
NMT	150	Introduction to Materials Science	3			
NMT	152	Introduction to Nanoscale Materials	3			
NMT	225	Introduction to Vacuum Science & Technology	4			
NMT	252	Integrated Nanotechnology Laboratory	2			
NMT	254	Introduction to Semiconductor Manufacturing Technology	3			
NMT	280	Introduction to Thin Film Deposition	4			
PHY	154	Physics II OR PHY 153 Physics I	4			
		Social Science Elective	3			
		Minimum Credit Hours	62			

Additional Comments: Please refer to the footnotes on the reverse side.

Reviewed by _____

Date _____

NANOSCALE MATERIALS TECHNOLOGY

ASSOCIATE IN APPLIED SCIENCE

FIRST YEAR

Fall Semester	CR	Spring Semester	CR
ELT 110 Electrical Circuits I	4	ELT 121 Electrical Circuits II	4
ENG 123 College Composition	3	ENG 211 Technical Writing	3
FYS 100 First Year Seminar	1	MAT 147 Statistics	3
MAT 118 Technical Math	3	NMT 152 Introduction to Nanoscale Materials	3
NMT 150 Introduction to Materials Science	3	CHM 121 General Chemistry I	4
	14		17

SECOND YEAR

Fall Semester	CR	Spring Semester	CR
ELT 231 Electronics	4	ELT 256 Process Control & Instrumentation	4
NMT 225 Intro to Vacuum Science & Technology	4	NMT 254 Introduction to Semiconductor Manufacturing Technology	3
NMT 252 Integrated Nanotechnology Lab	2	NMT 280 Introduction to Thin Film Deposition	4
Social Science Elective	3		
CIS 221 Computer Applications	3	PHY 154 Physics II OR PHY 153 Physics I	4
	16		15

Minimum Credit Hours required for degree: 62

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