

Advisor: \_\_\_\_\_

**Check List**  
**CIS 5108 (Computer Technology (CADD))**  
**Total 124 credit hours (40 must be Upper Division)**  
**2002 – 2004 Catalog**

Student Name \_\_\_\_\_ SSN: \_\_\_\_\_

**A. Core Curriculum (See Academic Regulations in Catalog) (51 cr. hrs.)**

<b>Grade</b>	<b>Area 1. Basic requirements (12 hours)</b>	<b>Date</b>
_____	A. English Composition (Eng 101 and 102 or Eng 111 (WI))	_____
_____	B. Communication (Comm 100)	_____
_____	C. Mathematics (Math 130 or above) * (Math Core)	_____
<b>Grade</b>	<b>Area 2. Humanities and Fine Arts (9 hours)</b>	<b>Date</b>
_____	A. Fine Arts (Art 110 or Mus 110 or Th 110) (Select 1)	_____
_____	B. Literature (Eng 261, 262, 271, 272, 281, 282) (Select 1)	_____
_____	C. Humanities (Eng 150, 305, 261, 262, 271, 272, 281, 282 Phil 201, 212, Art 110, Mus 110, Th 110) (Select 1)	_____
<b>Grade</b>	<b>Area 3. Natural Science and Behavioral Sciences (12 hours)</b>	<b>Date</b>
_____	A. Biology (Bio 101)	_____
_____	B. Phys 100 Fundamentals of Physical Science	_____
_____	C. Behavioral Science (Psy 100 or Soc 110 ) (Select 1)	_____
<b>Grade</b>	<b>Area 4. American Cultural Studies (9 hours)</b>	<b>Date</b>
_____	A. U. S. History (Hist 110 and (Hist 120 or Hist 320))	_____
_____	B. Govt: US, State, & Local Government (PSc 120)	_____
<b>Grade</b>	<b>Area 5. MSSC Special Emphasis (9 hours)</b>	<b>Date</b>
_____	A. International Cultural Studies (Hist 130 or 140, 150, Geog 211, 310, Anth 155, 342, Foreign Language, IB 310, Comm 305, Soc 303, CJAd 301, Phil 320, Eng 385, IntS 201) (Select One)	_____
_____	B. Health and Wellness (Kine 101 and Kine 103)	_____
_____	C. Economics (Econ 180 or Econ 201)	_____

**B. CIS Core (See CIS Department in Catalog) (33 cr. hrs.)**

<b>Grade</b>	<b>Courses:</b>	<b>Prerequisite:</b>	<b>Date</b>
_____	CIS 110 Programming I (F, S)	Co-req Math 130 >	_____
_____	CIS 210 Programming II (F, S)	CIS 110	_____
_____	CIS 302 Information Systems I (WI) (S)	CIS 110 or CIS 305 or MM 237 Eng 102 or 111	_____
_____	CIS 310 Database Mgmt. Sys. I (F, S)	CIS 210	_____
_____	CIS 315 Computer Networks (S)	CIS 110 or CIS 305 or MM 237 or CADD 115	_____
_____	CIS 345 UNIX System Admin. (F)	CIS 210	_____
_____	CIS 350 Data Structures (S)	CIS 210	_____
_____	CIS 370 Adv. Obj. Oriented Prog. (F)	CIS 210	_____
	<b>OR</b>		
_____	CIS 430 Intro. to Artificial Intellegence (D)	CIS 350	_____
_____	CIS 410 Information Systems II (F)	CIS 302	_____
_____	CIS 425 Database Mgmt. Sys. II (WI) (S)	CIS 310 and CIS 410	_____
_____	CIS 450 Operating Systems (WI) (F)	CIS 350 and CIS 345	_____

**C. CADD/CAMT/MIMS Core (See CIS Department in Catalog) (30 cr. hrs.)**

Grade	Course	Prerequisite	Date
_____	CADD 110 Engineering Graphics I (F, S)	Math 30, co-requisite	_____
_____	CADD 115 Intro to CADD (S)	CADD 110 and Math 30	_____
_____	CADD 120 Descriptive Geometry (F)	Math 140 and Phys 151	_____
_____	CADD 130 Engineering Graphics II (F)	Math 140 and Phys 151	_____
_____	CADD 204 Industrial Statics and Strength	CADD 115 and Math 140	_____
_____	CADD 210 Technical Illustration (S)	CADD 115 and Math 140	_____
_____	CADD 260 Engineering Graphics III (S)	CADD 120, 130, 204, Math 140, 302, Phys 151	_____
_____	MIMS 310 Computerized Production Planning Control Sys (F)	Math 130 or > and (Comp 105 or CIS 305)	_____
_____	CAMT 100 Intro to Machine Tool Processes (F, S)		_____
_____	CAMT 150 Materials and Processes (F, S)	CAMT 100 or consent	_____

**D. General Electives (See CIS Department in Catalog) (10 cr. hrs.)**

Grade	Course	Date
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____