

# Northland Community and Technical College

**Catalog/Curriculum Changes 2006-2007**

**OOO Initial Review:**

**Institution Review:**

12/21/2006

1/26/2007

**Types of Changes (TOC):**

A - New Course    B - Course Name Change    C - Course Description Change    D - Course dropped    E - Course Credit Value Change  
 F - Discipline Change    M- MnTC goal requirement change    Q-Course number change, content unchanged    R – MnTC Goal Course

Term of Change	MnTC Goal Area	Current/ New Credit	Previous Credit	Course Number	Current Course Title	Previous Course Title	TOC
Fall 2006		5.00		ARCH 2231	3D Visualization I	3-D Visualization	B
Fall 2006		5.00		ARCH 2233	3D Studio Max I	3-D Studio I	B
Fall 2006		5.00		ARCH 2234	3D Studio Max II	3-D Studio II	B
Fall 2006		1.00 - 5.00		ARCH 2299	Special Topics		A
Spring 2006	Goal 6	3.00		ARTS 1156	Intro to Painting		M
Spring 2006	Goal 6	3.00		ARTS 1157	Intro to Printmaking		M
Fall 2006		3.00		ARTS 1125	Intro to Art I - 2D Design	Intro to Art - 2-D Design	B
Fall 2006		3.00		ARTS 1126	Intro to Art II - 3D Design	Intro to Art 3-D Design	B
Fall 2006		3.00		ARTS 1160	Sculpture-Bronze Casting	Intro to Sculpture	B
Fall 2006		1.0-4.0		AUBO 2212	General Auto Body Lab		A
Fall 2006		2.00		AVIA 1104	Weight & Balance	Weights, Balances & Drawings	B
Fall 2006		6.00		AVIA 1125	Hydraulics/Landing Gear	Hydraulic Landing Gear	B
Fall 2006		1.00 - 3.00	1.00	AVIA 1801	Aviation Make-Up		E
Fall 2006		8.00		AVIA 2225	Electric Troubleshooting	Elect Trouble/Commun/Navigatio	B
Fall 2006		2.00		AVIA 2247	Transport Category Aircraft	Intro to Transport Category Aircr	B
Fall 2006		3.00		AVIO 1101	Intro to Flightline Avionics		D
Fall 2006		3.00		AVIO 1103	Aircraft Composite materials		D
Fall 2006		3.00		AVIO 1105	Connectors/Conductors		D
Fall 2006		5.00		BCST 1111	Broadcast Theory I		D
Fall 2006		5.00		BCST 1112	Broadcast Theory II		D
Fall 2006		2.00		BCST 1237	Practicum III		D
Fall 2006		4.00	0.00	CHEM 1105	Forensic Chemistry		E
Fall 2006		5.00		CHEM 2221	Quant Analytical Chemistry	Quantitative Analysis	B
Fall 2006		1.00		CLST 1105	Phlebotomy Lab Skills		A
Fall 2006		3.00	2.00	CLST 1106	Clinical Phlebotomy Intern		E
Fall 2006		3.00	4.00	CLST 1130	Immunology/Immunotechniques		E
Fall 2006		3.00	2.00	CLST 2270	Clinical Hematology/Coagulation		E
Fall 2006		2.00	1.00	CLST 2272	Clinical Body Fluids		E
Fall 2006		3.00	2.00	CLST 2276	Clinical Immunohematology		E
Fall 2006		3.00	2.00	CLST 2278	Clinical Microbiology		E
Fall 2006		3.00		COMM 1102	Applied Communications		D

Fall 2006			4.00		COSM 1130	Hairstyling I	Hair Styling	B
Fall 2006			4.00		COSM 1132	Permanent Wave I	Permanent Waving I	B
Fall 2006			4.00		COSM 1170	Advanced Chemicals	Advanced Chemical Services	B
Fall 2006			4.00		COSM 1192	Advanced Perming and Coloring		D
Fall 2006			1.00		COSM 1194	Cosmetology Law		D
Fall 2006			5.00		COSM 1198	Cosmetology 155 hour Refres	Cosmetology Refresher Course	B
Fall 2006			2.00		COSM 1199	Cosmetology 40 hour Refresh	Cosmetology Refresher Course	B
Fall 2006			3.00		CPTR 1128	Help Desk Concepts		A
Fall 2006			3.00		CRJU 1105	Security		D
Fall 2006			3.00		CRJU 1115	Airport Law Enforcement		D
Fall 2006			3.00		CRJU 2203	Federal Law		D
Fall 2006			2.00		CRJU 2222	Defensive Tactics		D
Fall 2006			3.00		CRJU 2225	Air Traffic Enforcement		D
Fall 2006			4.00		CSCI 1150	Computer Science I		D
Fall 2006			1.00		CSIS 1100	Toolbook Assistant		D
Fall 2006			3.00		CSIS 2008	UNIX		D
Fall 2006			5.00		ELEC 1102	Electricity		D
Fall 2006			5.00		ELEC 1104	Analog Electronics		D
Fall 2006			3.00		ELEC 1105	Basic Computer Circuits		D
Fall 2006			5.00		ELEC 1106	Digital Electronics		D
Fall 2006			2.00		ELEC 1108	Electronic Assembly Techniques		D
Fall 2006			3.00		ELEC 1125	Visual Basic Programming		D
Fall 2006			3.00		ELEC 1132	Windows 2000/XP Professional		D
Fall 2006			3.00		ELEC 1136	Cisco 1 Network Essentials		D
Fall 2006			3.00		ELEC 1137	ELEC 1137 Cisco 2 TCP/IP Routing		D
Fall 2006			4.00		ELEC 2211	Networking I		D
Fall 2006			4.00		ELEC 2213	Networking II Win NT		D
Fall 2006			3.00		ELEC 2216	Cisco 3 LAN Design		D
Fall 2006			3.00		ELEC 2217	Cisco 4 WAN Design		D
Fall 2006			5.00		ELEC 2220	Intro to Microcontrollers		D
Fall 2006			4.00		ELEC 2221	Sensor Technology		D
Fall 2006			4.00		ELEC 2224	Programmable Logic Controllers		D
Fall 2006			4.00		ELEC 2225	Advanced Micro-Controllers		D
Fall 2006			1.00 - 4.00		ELEC 2235	Supervised Occupational Experience		D
Fall 2006			3.00		ELEC 2240	MicroControllers		D
Fall 2006			3.00		ELEC 2241	Sensor Technology		D
Fall 2006			2.00		ELEC 2242	Systems Integration		D
Fall 2006			4.00		ELTR 1102	Circuit Analysis I		D
Fall 2006			3.00		ENGL 0093	Occupational Communications		D
Fall 2006			2.00		ETAS 1101	Electricity I		A

Fall 2006			3.00		ETAS 1103	Electricity II	A
Fall 2006			5.00		ETAS 1104	Analog Electronics	A
Fall 2006			5.00		ETAS 1106	Digital Electronics	A
Fall 2006			2.00		ETAS 1108	Electronic Assembly Techniques	A
Fall 2006			5.00		ETAS 2220	Intro to Microcontrollers	A
Fall 2006			4.00		ETAS 2221	Sensor Technology	A
Fall 2006			4.00		ETAS 2224	Programmable Logic Controllers	A
Fall 2006			4.00		ETAS 2225	Advanced Microcontrollers	A
Fall 2006			3.00		ETAS 2228	New & Emerging Technology	A
Fall 2006			3.00		ETAS 2240	MicroControllers	A
Fall 2006			3.00		ETAS 2241	Sensor Technology	A
Fall 2006			2.00		ETAS 2242	Systems Integration	A
Fall 2006			0.00		FBMT 0001	FBMT Shell I	A
Fall 2006			0.00		FBMT 0002	FBMT Shell II	A
Fall 2006			3.00	2.00	FBMT 3180	Historical Price Analysis	E
Fall 2006			2.00		FIRE 1102	Firefighter Fitness	A
Fall 2006			1.00		FIRE 1132	Vehicle Extrication	D
Fall 2006			1.00		FIRE 1134	Trench/Collapse Rescue	D
Fall 2006			2.00		FIRE 1136	High & Low Level Rope Rescue	D
Fall 2006			1.00		FIRE 1138	Water & Ice Rescue	D
Fall 2006			1.00		FIRE 1140	Confined Space Rescue	D
Fall 2006			1.00		FIRE 1160	Technical Rescue I	A
Fall 2006			1.00		FIRE 2260	Technical Rescue II	A
Fall 2006			2.00		FIRE 2262	Vehicle Extrication	A
Fall 2006			2.00		FIRE 2264	Trench Rescue	A
Fall 2006			4.00		FIRE 2266	High/Low Rope Rescue	A
Fall 2006			2.00		FIRE 2268	Water & Ice Rescue	A
Fall 2006			2.00		FIRE 2270	Confined Space Rescue	A
Fall 2006			2.00		FIRE 2272	StructuralCollapse Rescue	A
Fall 2006			2.00		FITN 2235	Internship	A
Fall 2006			3.00	4.00	HIST 2201	United States History I	E
Fall 2006			3.00	4.00	HIST 2202	United States History II	E
Fall 2006			2.00		HLTH 1118	Nutrition/Health/Wellness	A
Fall 2006			2.00		HLTH 1126	Therapeutic Comm	A
Fall 2006			1.00		HPER 1122	Yoga	A
Fall 2006			1.00		HPER 1124	Pilates	A
Fall 2006			1.00		HPER 1129	Plyometrics	A
Fall 2006			1.00		HPER 1143	Self Defense for Women	A
Fall 2006			2.00		HPER 2201	Psychology of Sports	A
Fall 2006			2.00		HPER 2210	Intro to Kinesiology	A

Fall 2006			3.00		HPER 2235	Coaching Young Athletes	Methods of Coaching Young Ath	B
Fall 2006			2.00	1.00	HPER 2281	Officiating Sports		E
Fall 2006			3.00		IDST 1110	Learn2Learn		A
Fall 2006			3.00		IMMA 1110	Intro Power & Mech Sys		D
Fall 2006			2.00		IMMA 1112	Mech Blueprint Reading		D
Fall 2006			3.00		IMMA 2210	Special Topics-Maintenance		D
Fall 2006			2.00		MANF 2520	Principles of Lean Manufactur	Intro to Lean Manufacturing	B
Fall 2006			5.00		MATH 0096	Algebra: Intro & Intermediate		D
Fall 2006			3.00		MATH 1104	Finite Math		D
Fall 2006			5.00		MATH 1113	Pre-Calculus		A
Fall 2006			3.00		MATH 2241	Differential Equations		A
Fall 2006			0.00		MEDA 0001	Medical Assisting Program Site		A
Fall 2006			1.00		MEDA 1110	Therapeutic Communications		D
Fall 2006			1.00		MEDA 1112	Nutrition/Wellness		D
Fall 2006			2.00		MEDA 2000	Medical Transcription for the Medical Office		D
Fall 2006			2.00		MEDA 2002	MA Insurance/Coding		D
Fall 2006			2.00		MEDA 2004	Medical Office Finances		D
Fall 2006			3.00		MEDA 2006	Insurance/Coding/Billing		A
Fall 2006			1.00		MEDA 2008	MA Lab Skills		A
Fall 2006			3.00		MEDA 2010	MA Lab Skills		D
Fall 2006			1.00		MEDA 2200	Clinical Practice I		A
Fall 2006			1.00		MEDA 2202	Clinical Practice II		A
Fall 2006			5.00		MEDA 2500	Clinical Externship	Clinical Internship	B
Fall 2006			4.00		METC 1112	Manufacturing Processes		D
Fall 2006			3.00		METC 1152	Safety & Accident Prevention		D
Fall 2006			3.00		METC 2202	Power Transmission & Mechanical Sys		D
Fall 2006			3.00		METC 2208	Basic Electricity/Electronics		D
Fall 2006			3.00		METC 2210	Electro-Mechanical & Industrial Control		D
Fall 2006			3.00		METC 2220	Hydraulic Systems		D
Fall 2006			3.00		METC 2222	Fluid Power Systems		D
Fall 2006			3.00		METC 2228	Pneumatic Systems		D
Fall 2006			1.00		MFPT 2575	Manufacturing Process Tech Internship		A
Fall 2006			3.00		MKTG 2220	Global/Business Marketing	Advertising & Promotion	B
Fall 2006			3.00		MKTG 2222	Human Resource Management		D
Fall 2006			3.00		MKTG 2232	E-Commerce	E-Commerce & Wealth	B
Fall 2006			1.00 - 4.00		MKTG 2235	Marketing Internship		D
Fall 2006			3.00		MKTG 2244	Global/Business Marketing		D
Fall 2006			3.00		MSTH 1105	Massage Techniques/Ethics		A
Fall 2006			2.00		MSTH 1115	Massage Pathology		A
Fall 2006			2.00		MSTH 1118	Intermediate Massage		A

Fall 2006			2.00		MSTH 1122	Deep Tissue Massage		A
Fall 2006			2.00		MSTH 1124	Sport Massage/Hydrotherapy		A
Fall 2006			3.00		MSTH 1132	Specialized Massage		A
Fall 2006			2.00		MSTH 1135	Advanced Massage		A
Fall 2006			2.00		MSTH 1142	Student Clinic		A
Fall 2006			2.00		MSTH 1145	Certification Prep		A
Fall 2006			3.00		MUSC 2201	Classroom Music Skills	Music Skills	B
Fall 2006			4.00		NORW 1102	Beginning Norwegian II	Basic Norwegian II	B
Fall 2006			3.00		NURS 2123	Nursing Interventions	Nursing Interventions to Maintain	B
Fall 2006			3.00 - 6.00		NURS 2190	ADN Refresher Course		D
Fall 2006			0.00		ORI 101	Online Teaching 101		A
Fall 2006			3.00		PHIL 1201	Ethics		D
Fall 2006	Goal 6, 9		3.00		PHIL 2210	Morals and Medicine	Morals/Medicine	B/M
Fall 2006			4.00		PSYC 1101	General Psychology		D
Fall 2006			3.00		PTAS 1101	Introduction to PTA		A
Fall 2006			4.00		PTAS 1105	Fundamentals of PTA		A
Fall 2006			2.00		PTAS 1108	PTA Pathophysiology		A
Fall 2006			4.00		PTAS 1110	Physical Agents		A
Fall 2006			3.00		PTAS 1114	Kinesiology for PTA		A
Fall 2006			2.00		PTAS 1116	Therapeutic Exercise I		A
Fall 2006			1.00		PTAS 1120	Clinical Introduction		A
Fall 2006			4.00		PTAS 1130	Clinical Education I		A
Fall 2006			2.00		PTAS 2101	Orthopedics for PTA		A
Fall 2006			5.00		PTAS 2105	Neurology for PTA		A
Fall 2006			3.00		PTAS 2111	Therapeutic Exercise II		A
Fall 2006			4.00		PTAS 2115	Advanced Techniques		A
Fall 2006			2.00		PTAS 2125	PTA Ethics and Issues		A
Fall 2006			6.00		PTAS 2140	Clinical Education II		A
Fall 2006			6.00		PTAS 2150	Clinical Education III		A
Fall 2006			1.00		PTAS 2160	Professional Integration		A
Fall 2006			3.00		SOCI 2220	Intimacy, Family & Diversity	Marriage and Family Life	B
Fall 2006			4.00	3.00	WELD 1130	Gas Metal Arc Welding		E
Fall 2006			4.00	3.00	WELD 1131	Advanced Gas Metal Arc Welding		E