

## Northland Community and Technical College F-N

Catalog/Curriculum Changes			
<b>Types of Changes:</b> 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	
College : Northland Community and Technical College F-N			
Term of Change	MnTC Goal	Changes: (list from and to) Alpha/numeric Credits      Title	Type of Change
Fall 2004		FBMT 1175 3.00      Intro to Commodity Marketing	A
Fall 2004		FBMT 3170 3.00      Analyzing Fundamental Information FBMT 3173 2.00      World Effects on Markets FBMT 3180 2.00      Historical Price Analysis FBMT 3183 2.00      Government Programs in Marketing FBMT 3190 3.00      Advanced Technical Analysis FBMT 3193 3.00      Analyze Option Strategy	A
Fall 2004		FICR 1642 3.00      Principles of Banking & Finance (Distance-Alexandria)	A
Fall 2004		FIRE 1100 2.00      Intro to Fire Service FIRE 1104 1.00      Job Skills I FIRE 1106 3.00      Firefighter I & II FIRE 1108 4.00      Firefighter I & II Skills FIRE 1112 3.00      Fire Apparatus FIRE 1130 1.00      Rescue Theory & Practices FIRE 1132 1.00      Vehicle Extrication FIRE 1134 1.00      Trench/Collapse Rescue FIRE 1136 2.00      High & Low Level Rope Rescue FIRE 1138 1.00      Water & Ice Rescue FIRE 1140 1.00      Confined Space Rescue FIRE 1150 3.00      HazMat Operational FIRE 1152 3.00      Building Construction FIRE 1154 2.00      Company Functions FIRE 1156 2.00      Fire Ground Control FIRE 2200 1.00      Job Skills II FIRE 2206 4.00      Inspection & Code Enforcement FIRE 2210 1.00      Job Skills III FIRE 2230 2.00      Fire Investigation FIRE 2232 2.00      Fire Service Management FIRE 2250 2.00      Fire Instructor Basic FIRE 2252 2.00      Line Officer Basic	A

		FIRE 2254 2.00 FIRE 2256 3.00	Incident Management HazMat Technician	
Fall 2004		FITN 1101 3.00 FITN 1103 4.00 FITN 2101 3.00 FITN 2103 3.00	Concepts of Physical Fitness Applied Exercise Physiology Exercise Testing Fitness Program Instruction Techniques	A
Fall 2004		GTEC 0006 3.00 (Distance)	Comprehension Building	A
Fall 2004		GTEC 1104 2.00 (Distance)	College Success Skills	A
Fall 2004		GTEC 1108 1.00	Info Retrieval for the 21st Century	A
Fall 2004		HEAT 1102 3.00 HEAT 1104 2.00 HEAT 1106 1.00 HEAT 1110 2.00 HEAT 2200 3.00 HEAT 2202 2.00 HEAT 2204 3.00 HEAT 2206 2.00 HEAT 2208 3.00 HEAT 2210 2.00 HEAT 2212 3.00 HEAT 2216 3.00 HEAT 2218 2.00 HEAT 2220 2.00 HEAT 2222 1.00	Sheet Metal Design Control Electricity Brazing/Soldering Tech Piping Procedures Domestic Refrigerators Air Handling Advanced Sheet Metal Heating System Maintenance Boiler Operation Commercial Air Conditioning Hydronic Heating Internship Gas Heating Oil Heating Wire Feed Welding	A
Fall 2004		HIST 2221 3.00	U.S. Constitution: Civil Liberties	A, M Area 5, 9
Fall 2004		HIST 2231 3.00	US Women's History	A, M Area 5,7
Fall 2004		HIST 2299 2.00 credit changed from 1-3 credits to 2 credits	Travel and Field Experience	E
Fall 2004		HITM 1150 3.00 HITM 1152 3.00 HITM 1154 2.00 HITM 1156 3.00 HITM 1158 3.00 HITM 2202 3.00 Healthcare HITM 2210 3.00 HITM 2234 3.00 HITM 2240 3.00	Intro to Health Info Science Health Information Systems Medicolegal Aspects Coding Classification Systems Clinical Affiliation I Computer Applications in Healthcare Coding-ICD-9-CM Coding III Advanced Coding II CPT	A

		HITM 2245 3.00 HITM 2250 3.00 Healthcare HITM 2252 3.00 Statistics HITM 2258 2.00 HITM 2260 1.00	Coding IV CPT Supervisory Leadership in Quality Management and Clinical Affiliation II Reimbursement Systems	
Fall 2004		HLTH 1102 1.00 HLTH 1104 1.00 HLTH 1106 2.00 HLTH 1108 1.00 HLTH 1110 3.00 HLTH 1112 1.00 HLTH 1114 2.00 HLTH 1120 2.00 HLTH 2002 2.00 HLTH 2208 3.00	Health Career Exploration Medical Law and Ethics Medical Terminology Cultural Diversity Nursing Assistant Intro to Home Health Intro to Electrocardiography Office Radiography Pharmacology Pathophysiology	A
Fall 2004		HRES 1122 3.00 Resources(Distance) HRES 1126 3.00 HRES 1130 3.00 HRES 1134 3.00 (Distance) HRES 2204 3.00 HRES 2212 3.00 (Distance) HRES 2224 3.00 (Distance) HRES 2242 4.00 (Distance)	Intro to Human Employee Processes (Distance) Benefits Administration (Distance) Training & Development Policy Administration (Distance) Wage/Salary Administration Employee/Labor Relations Human Resources Internship	A
Fall 2004		HUMA 110 3.00 (Consortium)	Introduction to Humanities	A, M Area 6
Fall 2004		HUMA 1440 3.00	Ethics (Distance-Alexandria)	A
Fall 2004		HUMN 1101 3.00	Intro to Humanities	A, M Area 2, 6
Fall 2004		IMMA 1110 3.00 IMMA 1112 2.00 IMMA 2210 3.00	Intro Power & Mech Sys Mech Blueprint Reading Special Topics-Maintenance	A
Fall 2004		INTD 1102 3.00 INTD 1108 3.00 INTD 1112 3.00 INTD 1116 3.00 INTD 216 3.00	Info Exchange Networking Tech Web Site Design Web Graphic Design Web Graphic Creation Interactive Multimedia	A

		INTD 2208 4.00      Java Script/DHTML INTD 2212 3.00      Multimedia Web Design INTD 2230 1.00      Emerg Tech-Research & Feasibility INTD 2232 3.00      E-Commerce Implementation <b>***ALL INTD courses are offered via Distance- MSCTC</b>	
Fall 2004		IRSP 1102 3.00      Information Profession IRSP 1104 2.00      Organization of Information IRSP 1106 2.00      Technical Services IRSP 1108 3.00      Research Techniques IRSP 1110 2.00      Media Guidance-Child IRSP 1112 2.00      Media Guidance-YA IRSP 2202 3.00      Systems & Change IRSP 2204 3.00      Multimedia-Internet IRSP 2212 1.00      Internet Issues IRSP 2290 4.00      IRSP Internship <b>***All IRSP courses are offered via Distance-MSCTC</b>	A
Fall 2004		JOUR 1130 3.00      Intro to Photography	D
Fall 2004		MATH 0080 3.00      Math Foundations	A
Fall 2004		MATH 0090 3.00      Introductory Algebra	A
Fall 2004		MATH 0092 2.00      Math Foundations	D
Fall 2004		MATH 0094 4.00      Pre-College Algebra <b>title changed from Elementary Algebra to Pre-College Algebra</b>	B
Fall 2004		MATH 0096 5.00      Algebra: Intro & Intermediate (Distance-MSCTC)	A
Fall 2004		MATH 0098 3.00      Intermediate Algebra	A
Fall 2004		MATH 1001 3.00      Technical Mathematics	A
Fall 2004		MATH 1020 3.00      Intermediate Algebra (Distance- MSCTC)	A
Fall 2004		MATH 1104 3.00      Finite Math	A
Fall		MATH 1109              College Algebra	D

2004			
Fall 2004		MATH 1110 3.00	College Algebra
Fall 2004	4	MATH 1113 4.00	Pre-Calculus
Fall 2004		MATH 1120 3.00	Finite Math (Distance)
Fall 2004		MATH 1420 3.00	Fundamentals of College Algebra (Distance-Alexandria)
Fall 2004		MATH 1445 3.00	Intro to Statistics (Distance-Alexandria)
Fall 2004		MATH 2233 4.00	Calculus III
Fall 2004		MEDA 1100 1.00 MEDA 1110 1.00 MEDA 1112 1.00 MEDA 2000 2.00  MEDA 2002 2.00 MEDA 2004 2.00 MEDA 2010 3.00 MEDA 2100 1.00 MEDA 2102 1.00 MEDA 2104 1.00 MEDA 2106 1.00 MEDA 2108 1.00 MEDA 2110 2.00 MEDA 2112 1.00 MEDA 2500 5.00	Role of the CMA Therapeutic Communications Nutrition/Wellness Medical Transcription for the Medical Office MA Insurance/Coding Medical Office Finances MA Lab Skills Asepsis/Vital Signs Med History/Phys Exam Specialty Exams I Specialty Exams II Minor Office Surgery Med Administration Electrocardiography Clinical Internship
Fall 2004		METC 1112 4.00 METC 1152 3.00 METC 2202 3.00 Mechanical  METC 2208 3.00 METC 2210 3.00  METC 2220 3.00 METC 2222 3.00 METC 2228 3.00	Manufacturing Processes Safety & Accident Prevention Power Transmission & Sys Basic Electricity/Electronics Electro-Mechanical & Industrial Control Hydraulic Systems Fluid Power Systems Pneumatic Systems
Fall 2004		MFPT 1510 2.00 MFPT 1520 2.00 MFPT 1530 2.00	Measuring Tools Print Reading Machine Operations

		MFPT 1560 2.00 MFPT 1570 2.00 MFPT 2505 3.00 MFPT 2525 3.00 MFPT 2560 2.00 MFPT 2570 3.00 MFPT 2580 3.00 MFPT 2590 3.00	Robotic Programming I Manufacturing Internship TQS & SPC in Manufacturing Lean Manufacturing Robotic Programming II Fixtures & Tooling Hydraulics & Pneumatics Geo Dimen & Tolerancing	
Fall 2004		MKTG 1108 3.00	Customer Relations Mgmt	A
Fall 2004		MKTG 1110 3.00 MKTG 1115 3.00 MKTG 2210 3.00 MKTG 2215 2.00	Principles of Retailing Advertising & Promotion Supervision Customer Relationship Management	D
Fall 2004		MKTG 2116 3.00 MKTG 2120 3.00 MKTG 2200 3.00 MKTG 2201 3.00 MKTG 2205 3.00 MKTG 2220 3.00 MKTG 2222 3.00	Advertising Supervisory Leadership Prin of Marketing Principles of Sales Prin of Retailing Advertising & Promotion Human Resource Management	A
Fall 2004		MKTG 2225 2.00 MKTG 2230 3.00	Entreneurship Web Studio & Virtual Store	D
Fall 2004		MKTG 2300 3.00 MKTG 2304 3.00 MKTG 2306 3.00 MKTG 2320 3.00 MKTG 2900 3.00 MKTG 2920 3.00	Marketing Research Applied Sales Techniques Small Business Management Marketing Management Internship I Internship II	A
Fall 2004		MUSC 1111 4.00 changed from 3 credits to 4 credits	Music Fundamentals credit	E
Fall 2004		MUSC 1116 3.00 MSCTC)	World of Music (Distance-	A, M Area 6, 8
Fall 2004		MUSC 1155 2.00	Class Voice	A
Fall 2004		MUSC 1175 2.00	Class Guitar	A
Fall 2004		MUSC 2215 4.00 credit changed from 3 credits to 4 credits	Music Theory & Design	E
Fall 2004		NSCI 1102 3.00	Nutrition	A

Fall 2004		NSCI 2233 2.00	Bird Life	D
Fall 2004		NURS 102 4.00 NURS 106 4.00 NURS 110 3.00  NURS 116 5.00 NURS 200 1.00 NURS 202 3.00 NURS 206 4.00	Technical Skills I Medical Surgical Nursing I Nursing Adaptations Through Lifespan PN Clinical I Practical Nursing Role Concepts Technical Skills II Medical Surgical Nursing II	A
Fall 2004		NURS 1090 1.00 NURS 1100 3.00 NURS 1101 1.00 NURS 1105 1.00 NURS 1111 4.00 NURS 1112 2.00 NURS 1118 2.00 Nursing NURS 1121 3.00 NURS 1122 3.00 NURS 1123 3.00 NURS 1125 3.00 Lifespan NURS 1128 2.00 NURS 1131 5.00 NURS 1132 4.00 NURS 1135 2.00 NURS 1190 3.00 - 6.00  NURS 2111 8.00 NURS 2112 10.00	Home Health Aide Nursing Assistant Medical Terminology Role of the Practical Nurse Technical Skills I Technical Skills II Maternal and Child Health  Adult Nursing I Adult Nursing II Adult Nursing III Adaptations Through the  Pharmacology Practical Nursing Clinical I Practical Nursing Clinical II Practical Nursing Practicum Practical Nursing Refresher Course  Associate Degree Nursing I Associate Degree Nursing II	D
Fall 2004		NURS 2121 2.00 NURS 2123 3.00 Maintain  NURS 2125 4.00 NURS 2131 3.00 NURS 2133 2.00 NURS 2135 4.00 NURS 216 4.00	Psychosocial Integrity Nursing Interventions to  Homeostasis Clinical I Advanced Nursing Concepts The Professional Role Clinical II Medical Surgical Nursing III	A
Fall 2004		NURS 2191 1.00 - 4.00 NURS 220 3.00 NURS 226 4.00 NURS 232 1.00 Certification NURS 236 2.00 NURS 240 2.00	Directed Study Maternal/Child Health Nursing PN Clinical II Intravenous Therapy  PN Practicum LPN to AAS Practicum	A