

Northland Community and Technical College A-E

Catalog/Curriculum Changes			
Types of Changes: 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 A-E			
Term of Change	MnTC Goal	Changes: (list from and to) Alpha/numeric Credits Title	Type of Change
Fall 2004		ACCT 1100 3.00 Principles of Bookkeeping	A
Fall 2004		ACCT 1101 3.00 Business Mathematics	D
Fall 2004		ACCT 1104 3.00 Payroll ACCT 1108 3.00 Business Math/Calculators ACCT 1124 3.00 Spreadsheet Concepts ACCT 1128 3.00 Computerized Accounting Applications I	A
Fall 2004		ACCT 1132 3.00 Computerized Accounting Applications II	A
Fall 2004		ACCT 1141 3.00 Payroll Accounting	D
Fall 2004		ACCT 2200 3.00 Income Tax	A
Fall 2004		ACCT 2201 4.00 Intermediate Accounting I ACCT 2202 4.00 Intermediate Accounting II	D
Fall 2004		ACCT 2204 4.00 Intermediate Accounting I ACCT 2207 3.00 Income Tax II ACCT 2208 3.00 Cost Accounting	A
Fall 2004		ACCT 2211 4.00 Income Tax	D
Fall 2004		ACCT 2214 4.00 Intermediate Accounting II	A
Fall 2004		ACCT 2215 3.00 Accounting Systems I	D

Fall 2004		ACCT 2215 2.00	Auditing I	A
Fall 2004		ACCT 2218 3.00 ACCT 2222 3.00 Review	Fund/Nonprofit Accounting Accredited Accounting ABA	A
Fall 2004		ACCT 2240 3.00	Accounting Internship	A
Fall 2004		ADMM 1120 3.00 ADMM 1130 4.00 ADMM 1134 2.00 ADMM 1150 4.00 ADMM 1152 4.00 ADMM 2230 4.00 ADMM 2252 3.00 ADMM 2290 3.00	Medical Office Procedures Medical Transcription Medical Language Applications Medical Billing/Insurance Outpatient Coding Adv Medical Transcription Advanced Coding Internship	A
Fall 2004		ADMS 1101 3.00	Keyboarding I	D
Fall 2004		ADMS 1100 3.00	Keyboarding I	A
Fall 2004		ADMS 1104 1.00 ADMS 1108 3.00 ADMS 1110 3.00 ADMS 1114 3.00 Presentation ADMS 1116 3.00 ADMS 1120 3.00	Skillbuilding Data Entry Word Processing Desktop Publishing / Graphics Business Communications Office Procedures	A
Fall 2004		ADMS 1121 4.00 ADMS 1122 2.00 ADMS 1126 3.00	Word Processing Desktop Publishing Electronic Office Procedures	D
Fall 2004		ADMS 1128 3.00	Records/Database Mgmt	A
Fall 2004		ADMS 1131 3.00 ADMS 1140 4.00	Office Procedures Business Communications	D
Fall 2004		ADMS 1152 1.00 ADMS 2124 3.00	Intro to Word Processing Advanced Microcomputer Tech	A
Fall 2004		ADMS 2212 3.00	Integrated Electronic Office Systems	A
Fall 2004		ADMS 2221 4.00	Medical Office Terminology	D

Fall 2004		ADMS 2235 1.00 - 4.00 Administrative Support Internship	D
Fall 2004		ADMS 2270 2.00 Internship ADMS 2280 3.00 Internship	A
Fall 2004		AGRI 1104 2.00 Ag Econ AGRI 1110 2.00 Farm Records & Budgeting AGRI 1120 2.00 Crops Marketing I AGRI 1130 2.00 Machinery Management AGRI 1140 2.00 Cereal Production AGRI 1150 3.00 Soil Maintenance & Fertility AGRI 1160 2.00 Establishment in Farming AGRI 1172 1.00 Corn Production AGRI 1182 1.00 Sunflower Production AGRI 1192 1.00 Soybean Production AGRI 2202 1.00 Dry Bean Production AGRI 2206 1.00 Rural Leadership AGRI 2210 3.00 Farm Analysis & Finance AGRI 2220 2.00 Crops Marketing II AGRI 2222 1.00 Sugar Beet Production AGRI 2230 2.00 Farmstead Improvement AGRI 2240 1.00 Farm Computerized Records AGRI 2250 1.00 Welding I AGRI 2260 2.00 Agricultural Chemicals AGRI 2280 3.00 Farm Tax & Estate Plan AGRI 2290 1.00 Internship	A
Fall 2004		ART 1124 3.00 American Art History (Distance-MSCTC)	A, M Area 6,7
Fall 2004		AUBO 1111 1.00 - 4.00 Auto Body Lab I credits changed from 4 credits to 1-4 credits	E
Fall 2004		AUBO 2207 4.00 Major Collision Lab AUBO 2212 4.00 General Auto Body Lab	D
Fall 2004		AVIA 2247 2.00 Intro to Transport Category Aircraft credits changed from 4 credits to 2 credits	E
Fall 2004		BCST 1101 5.00 Radio Operations I BCST 1102 5.00 Radio Operations II	D
Fall 2004		BCST 1103 3.00 Introduction to Audio BCST 1105 3.00 Introduction to Video BCST 1113 4.00 Station Operations I BCST 1114 4.00 Station Operations II	A
Fall 2004		BCST 1120 2.00 Remote Broadcasting title changed from Remote Broadcasts to Remote Broadcasting AND credits changed from 1 credit to 2 credits	B, E

Fall 2004		BCST 1130 3.00 Broadcasting Sales title changed from Broadcast Sales to Broadcasting Sales AND credit changed from 2 credits to 3 credits	B, E
Fall 2004		BCST 1141 3.00 Advertising Copywriting BCST 1145 3.00 Performance & Production	A
Fall 2004		BCST 1235 3.00 Audio Practicum title changed from Practicum I to Audio Practicum	B
Fall 2004		BCST 1236 3.00 Video Practicum title changed from Practicum II to Video Practicum	B
Fall 2004		BCST 2235 3.00 Internship title changed from Broadcasting Internship to Internship AND credits changed from 1-3 credits to 3 credits	B, E
Fall 2004		BIOL 1004 3.00 Intro to Anatomy & Physiology	A
Fall 2004		BIOL 1120 4.00 Human Biology credits changed from 3 credits to 4 credits	E
Fall 2004		BIOL 170 3.00 Biology of Human Concerns	A
Fall 2004		BIOL 2131 3.00 Nutrition	A
Fall 2004		BIOL 2235 6.00 Biology Internship credits changed from 3-4 credits to 1-6 credits	E
Fall 2004		BLDG 1102 1.00 Construction Safety BLDG 1114 2.00 Blueprint Reading I BLDG 1120 2.00 Construction Estimating I	A
Fall 2004		BUSN 1110 3.00 Introduction to Business	D
Fall 2004		BUSN 1140 3.00 Business Communications	D
Fall 2004		BUSN 2215 3.00 Principles of Marketing	D
Fall 2004		BUSN 2235 1.00 - 8.00 Business Internship credits changed from 2-8 credits to 1-8 credits	E
Fall 2004		CADD 1102 4.00 Fundamentals of CADD (Distance-MSCTC)	A

Fall 2004		CARP 1102 3.00 CARP 1104 6.00 CARP 1106 2.00 CARP 1108 4.00 CARP 1110 3.00 CARP 1112 3.00 CARP 2204 2.00 CARP 2214 2.00 CARP 2216 2.00	Prin of Framing Framing I Footings & Foundations Interior Finish I Intro to Cabinet Building Exterior Finish I Concrete Technology Exterior Siding Deck Construction	A
Fall 2004		CDEV 1105 3.00 CDEV 1107 3.00 CDEV 2200 3.00 CDEV 2229 3.00 CDEV 2236 1.00 CDEV 2238 3.00 CDEV 2240 3.00 CDEV 2242 3.00 CDEV 2243 1.00 CDEV 2244 3.00 CDEV 2246 3.00 CDEV 2250 1.00 CDEV 2252 1.00 CDEV 2290 3.00	Development/Guidance Intro to Early Education Integrating Play Imaginative Learning Occupational Experience Special Needs Observing & Assessing Infant/Toddler Programming Infant/Toddler Lab Parent & Professional Foundations of Literacy Sign Language Paraprofessional Role Internship	A
Fall 2004		CHEM 1020 4.00	Intro to Chemistry	A
Fall 2004		CHEM 1107 4.00	Intro to Inorganic, Organic, & Biochemistry (Distance Education)	A, M Area 3
Fall 2004		CHEM 1120 4.00	Introduction to Chemistry	D
Fall 2004		CHEM 115 4.00	Intro to Chemistry (Consortium – Lake Region)	A, M Area 3
Fall 2004		CLST 1102 3.00 CLST 1104 3.00 CLST 1110 3.00 CLST 1130 4.00 CLST 1150 2.00 CLST 2200 2.00 CLST 2212 4.00 CLST 2214 1.00 CLST 2220 5.00 CLST 2223 2.00 CLST 2224 2.00 CLST 2230 3.00 CLST 2232 3.00 CLST 2240 4.00 CLST 2242 3.00 CLST 2258 1.00 CLST 2262 1.00	Intro to Lab Medicine Phlebotomy Procedures Hematology I Immunology/Immunotechniques Instrumentation Quality Assurance/Statistics Hematology II Coagulation Clinical Chemistry Theory Clinical Chem Applic Urinalysis Immunohematology I Immunohematology II Microbiology I Microbiology II Clinical Immunology Clinical Spec Proj/Comp Exam	A

		CLST 2270 2.00 CLST 2272 1.00 CLST 2275 3.00 CLST 2276 2.00 CLST 2278 2.00	Clinical Hematology/Coagulation Clinical Body Fluids Clinical Chemistry Clinical Immunohematology Clinical Microbiology	
Fall 2004		COMM 1102 3.00 (Distance-MSCTC)	Applied Communications	A
Fall 2004		CONE 1102 4.00 CONE 1104 2.00 CONE 1107 3.00 CONE 1108 4.00 CONE 1110 4.00 CONE 1112 3.00 CONE 1114 2.00 CONE 1116 2.00 CONE 1118 3.00 CONE 1120 3.00 CONE 1122 1.00 CONE 1124 2.00 CONE 2202 3.00 CONE 2205 3.00 CONE 2206 3.00 CONE 2208 2.00 CONE 2211 3.00 CONE 2212 3.00 CONE 2214 2.00 CONE 2216 3.00 CONE 2220 3.00 CONE 2222 3.00 CONE 2225 2.00 CONE 2226 2.00 CONE 2228 1.00 CONE 2230 2.00 CONE 2238 2.00 CONE 2240 1.00 CONE 2244 1.00 CONE 2248 2.00 CONE 2250 2.00	Intro to Electrical Circuit Theory Intro to NEC Intro to Residential Wiring Electrical Circuit Theory AC/DC Motors/Generators Residential Wiring National Electrical Code Conduit/Tool Applications Electrical Services Electrical Blueprints Intro to Materials Intro to Electrical Blueprint Reading Heating/Cooling Controls Intro to Commercial Wiring Intro to Motor Control Applications Programmable Logic Controllers Electronic Motor Control Commercial Wiring Industrial Wiring Motor Control Application Electrician Internship Adv Prog Logic Controllers Transformers Agricultural Wiring Troubleshooting Load Management Controls Low Voltage Wiring Code Update National Electrical Code Changes 2002 Code Applications Special Topics/Projects	A
Fall 2004		COSM 1180 1.00 - 16.00	Cosmetology Lab credits changed from 1-13 credits to 1-16 credits	E
Fall 2004		CPTR 1103 2.00 CPTR 1105 2.00 CPTR 1121 1.00	Microsoft Databases Spreadsheet Concepts and Applications Internet for the New User	D

Fall 2004		CPTR 1104 3.00 Intro to Computer Tech CPTR 1106 3.00 Microcomputer Databases CPTR 1108 3.00 Cisco 1 (Distance-MSCTC) CPTR 1110 3.00 Visual Basic Programming CPTR 1112 3.00 Visual Basic Programming (Distance -MSCTC) CPTR 1114 3.00 COBOL Programming I (Distance -MSCTC) CPTR 1118 3.00 Cisco 2 (Distance-MSCTC) CPTR 1122 3.00 Microcomputer Maintenance(Distance -MSCTC) CPTR 1131 4.00 Microcomputer Maintenance CPTR 1136 3.00 Networking I CPTR 1137 3.00 Networking II CPTR 1138 3.00 Information Systems CPTR 1142 3.00 Network Essentials (Distance - MSCTC) CPTR 1148 3.00 Microcomputer Operating Systems CPTR 1152 3.00 Help Desk CPTR 1160 3.00 Practical Math-Spreadsheet (Distance-MSCTC) CPTR 1164 3.00 Word Processing for Technicians (MSCTC) CPTR 1241 3.00 Multimedia CPTR 2200 3.00 Cisco 3 (Distance-MSCTC) CPTR 2201 2.00 Microcomputer Graphics CPTR 2208 3.00 Cisco 4 (Distance-MSCTC) CPTR 2213 3.00 Network Administration CPTR 2214 3.00 Network Operating Systems CPTR 2216 3.00 Networking III CPTR 2217 3.00 Networking IV CPTR 2220 3.00 COBOL Programming II (Distance-MSCTC) CPTR 2230 3.00 Structured Query Language (Distance-MSCTC) CPTR 2231 3.00 Unix/Linux CPTR 2242 3.00 Java Programming CPTR 2252 3.00 Micro Systems Project CPTR 2272 3.00 Network Operating Systems (Distance-MSCTC) CPTR 2274 3.00 Network Administration (Distance – MSCTC) CPTR 2294 3.00 Internship	A
Fall 2004		CRJU 2235 1.00 - 8.00 Criminal Justice Internship credits changed from 3-8 credits to 1-8 credits	E
Fall 2004		CRLT 1102 1.00 Contemporary Career Search (Distance-MSCTC)	A
Fall 2004		CRMP 2202 3.00 Cancer Registry Structure & Management (Distance-MSCTC) CRMP 2203 3.00 Cancer Reg Operations	A

		(Distance-MSCTC) CRMP 2204 3.00 (Distance-MSCTC) CRMP 2205 2.00 CRMP 2206 2.00 CRMP 2207 3.00 MSCTC)	Oncology Coding & Staging Abstracting Methods (Distance- MSCTC) Follow-up Methods (Distance- MSCTC) Clinical Experience (Distance- MSCTC)	
Fall 2004		CSCI 1105 3.00	Introduction to Microcomputers	D
Fall 2004		CSIS 1103 3.00 CSIS 1121 2.00 CSIS 1150 4.00 CSIS 1151 4.00 CSIS 1240 3.00 CSIS 1241 3.00 CSIS 1349 3.00 CSIS 1490 3.00 Administration CSIS 2005 3.00	Computer Applications in Business Computer Certification Practicum Intro to Computer Programming I Intro to Computer Programming II Intro to Information Systems Multimedia Networks/Data Communications Networking Systems LINUX Fundamentals	D
Fall 2004		CTEC 1106 3.00 MSCTC)	Helpdesk Operations (Distance- MSCTC)	A
Fall 2004		CVST 1104 4.00 CVST 1120 2.00 CVST 2132 4.00 CVST 2210 3.00 CVST 2212 4.00 CVST 2214 4.00 CVST 2216 4.00 CVST 2220 3.00 CVST 2225 1.00 CVST 2232 7.00 CVST 2238 7.00	Intro Cardiovascular Tech Cardiovascular Care Cardiovascular Pathophysiology Cardiovascular Clinical I Fund of Cardiovascular Tech I Fund of Cardiovascular Tech II Fund of Cardiovascular Tech III Cardiovascular Clinic II Advanced Cardiac Skills for CVT Cardiovascular Clinical III Cardiovascular Clinical IV	A
Fall 2004		ECON 1420 3.00	Intro to Macroeconomics (Distance)	A, M Area 5,8
Fall 2004		ECON 1430 3.00	Intro to Microeconomics (Distance)	A, M Area 5
Fall 2004		ECON 2222 3.00	Microeconomics (Distance)	A, M Area 5
Spring 2005		ELEC 1128 2.00	Help Desk Concepts	D

Fall 2004		ELEC 1131 4.00 Computer Maintenance title changed from Computer Service I to Computer Maintenance	D
Fall 2004		ELEC 2220 5.00 Intro to Microcontrollers title changed from Microprocessors to Intro to Microcontrollers	B
Fall 2004		ELEC 2221 4.00 Sensor Technology title changed from Electronic Instrumentation to Sensor Technology	B
Fall 2004		ELEC 2224 4.00 Programmable Logic Controllers credit changed from 2 credits to 4 credits	E
Fall 2004		ELEC 2225 4.00 Advanced Micro-Controllers ELEC 2240 3.00 MicroControllers ELEC 2241 3.00 Sensor Technology ELEC 2242 2.00 Systems Integration	A
Fall 2004		ELTR 1102 4.00 Circuit Analysis I (Distance-MSCTC)	A
Fall 2004		ELTR 2313 3.00 Electronic Components II ELTR 2315 3.00 Applied Mrktg for Elect Components	D
Fall 2004		ELTR 2317 3.00 Microcontrollers (Custom Training/Digi-Key University Only)	A
Fall 2004		EMTB 1100 6.00 Emergency Med Tech Basic	A
Fall 2004		EMTI 1104 5.00 EMT Intermediate	A
Fall 2004		EMTP 1112 3.00 Paramedicine I EMTP 1122 3.00 Paramedicine Skills I EMTP 1130 1.00 BLS Ambulance Clinical EMTP 1142 3.00 Paramedicine II EMTP 1152 3.00 Paramedicine Skills II EMTP 1160 2.00 Critical Care Clinical EMTP 1170 2.00 Support Services Clinical EMTP 1180 4.00 ALS Ambulance Clinical EMTP 2202 4.00 Paramedicine III EMTP 2210 1.00 AHA CPR Instructor Course EMTP 2212 1.00 EMS Hazardous Materials EMTP 2214 1.00 EMS Vehicle Driving EMTP 2216 1.00 EMS Auto Extrication EMTP 2218 1.00 High Angle Rescue EMTP 2230 1.00 ACLS EMTP 2232 1.00 PHTLS EMTP 2234 1.00 Pediatric Advanced Life Support	A

		EMTP 2236 1.00 EMTP 2238 1.00 EMTP 2240 3.00 EMTP 2250 3.00 EMTP 2260 8.00	Neonatal Resuscitation Program Advanced Medical Emergencies Emergency Room Clinical Acute Care Clinical Paramedicine Internship	
Fall 2004		ENGL 0050 3.00 NTC Bemidji)	Writing Fundamentals (Distance-	A
Fall 2004		ENGL 1012 3.00	Applied Communications	A
Fall 2004		ENGL 1220 2.00	Critical Thinking Skills (Distance)	A
Fall 2004		ENGL 1222 3.00	Critical Thinking Skills (Distance)	A
Fall 2004		ENGL 1460 3.00	Technical Writing (Distance)	A
Fall 2004		ENGL 1475 3.00	Intro to Fiction (Distance)	A