

NORTHEAST METRO CAREER & TECHNICAL CENTER

2009-2011 Articulated College Courses

(Revised January, 2011)

COLLEGE	PROGRAM	CAREER & TECHNICAL CENTER COURSE I.D.	TECHNICAL COLLEGE COURSE I.D.	SEMESTER CREDITS
UWRF	Animal Science	ANSC 100 Animal Health	ANSC 111 Introduction to Animal Science	3 (Test Out)
UWRF	Animal Science	ANSC 300 Companion Animals	ANSC 121 Companion Animals	2 (Test Out)
RGW	Animal Science	ANSC 400 Animal Care and Management	VNTE 1000 Intro to Vet Science	1 (Test Out)
RGW	Animal Science	ANSC 100 Animal Health	VNTE 1016 Vet Nursing Procedures I 3 credits	3 (Test Out)
CC	Auto Body	AUBO 0100 Introduction to Auto Body & Trade	ABOD 1000 Introduction to Auto Body & Trade	4
CC	Auto Body/Auto Dismantling	AUBO 1010 Introduction to Welding for Auto Body	ABOD 1010 Introduction to Welding for Auto Body	4
DT	Auto Body	AUBO 0110 Auto Body Sheet Metal & AUBO 0125 Corrosion Protection & Body Fillers	ABCT 1120 Sheet Metal Repair	1 of 5
DT	Auto Body	ABOD 0120 Introduction to Auto Body Refinishing	ABCT 1130 Refinishing Preparation I	1 of 2
DT	Auto Body	ABOD 1010 Introduction to Welding for Auto Body	ABCT 111 Collision Repair Welding I	1 of 2
CC	Automotive Technology	AUT 0100 Brakes	AST 1040 Automotive Brakes	3 of 4
CC	Automotive Technology	AUT 0200 Electrical & Electronic Systems	AST 2020 Electrical Principles	2 of 3
CC	Automotive Technology	AUT 0300 Steering & Suspension	AST 1050 Steering and Suspension	2 of 3
CC	Automotive Technology	AUT 0400 Engine Performance	AST 2070 Engine Performance Maintenance	3 of 4
DT	Automotive Technology	AUT 0100 Brakes & AUST 0200 Electrical & Electronic Systems & AUST 0300 Steering & Suspension & AUST 0400 Engine Performance Engine Performance	NATEF004 NATEF/AYES – General Automotive	10
DT	Automotive Technology	AUT 0100 Brakes & AUST 0200 Electrical & Electronic Systems & AUST 0300 Steering & Suspension & AUST 0400 Engine Performance Engine Performance	NATEF004 NATEF/AYES – ASEP Program	16
DW	Automotive Technology	AUT 0100 Brakes	125 Brake Operation & Repair	3
DW	Automotive Technology	AUT 0300 Suspension & Steering	127 Wheel Alignment & Suspension	4

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DW	Automotive Technology	AUT 0400 Engine Performance	117 Ignition Systems 152 Fuel Systems	4 2
DW	Automotive Technology	AUT 0200 Electrical & Electronics	114 Electrical & Electronic Principles 115 Batteries & Cranking Motors 116 Charging Systems	5 2 3
UTI	Automotive Technology	Brakes	AST 1040 Automotive Brakes	2 of 4
CC	Ed & Human Services	CD 1020 Portfolio for Educators	EDUC 1020 Portfolio for Educators I	1
CC	Ed & Human Services	CD 1230 Guidance: Managing the Physical and Social Environment	EDUC 2040 Classroom Management for Paraeducators	3
CC	Ed & Human Services	CD 1040 Dynamics of Violence in Contemp. Society	HSER 1040 Dynamics of Violence in Contemp. Society	3
CC	Ed & Human Services	CD 1210 Foundations of Child Development	Elective in Paraeducator program	3
CC	Ed & Human Services	CD 2320 Profiles of the Exceptional Child	EDUC 2070 Special Education Issues for Paraeducators	3
DT	Ed & Human Services	CD 1230 Guidance : Managing the Physical and Social	CDEV 1230 Guidance & the Early Childhood Environment	4
DT	Ed & Human Services	CD 1210 Foundations of Child Development	CDEV 1210 Foundations of Child Development	3
DT	Ed & Human Services	CD 1220 Child Safety, Health and Nutrition	CDEV 1220 Child Safety, Health, & Nutrition	4
DT	Ed & Human Services	CD 1240 Professional Relations in Early Childhood and Human Service Careers	CDEV 1200 Professional Relations in Early Childhood Careers	3
DT	Ed & Human Services	CD 2360 Mixed Age Development & Learning	CDEV 1320 Foundations of Child Development II	4
HT	Ed & Human Services	CD 1230 Guidance: Managing the Physical and Social Environment	CHLD 1125 Guiding Children's Behavior	3
HT	Ed & Human Services	CD 1220 Child Safety, Health and Nutrition	CHLD 2100 Child Abuse and Neglect	2
HT	Ed & Human Services	CD 1240 Professional Relations in Early Childhood and Human Service Careers	CHLD 1100 Child Care as a Profession	2
HT	Ed & Human Services	CD 1220 Child Safety, Health and Nutrition	CHLD 1525 Health, Safety and Nutrition	2
CC	Computer Networking	CPN 1031 Networking Fundamentals CISCO	ITT 1031 Networking Systems I	3
CC	Computer Networking	CPN 1000 PC Hardware & Operating System	MCST 1001 PC Hardware and Software	4
DT	Computer Networking	CPN 1031 Networking Fundamentals CISCO	ISTC 1040 Network Systems	3
DT	Computer Networking	CPN 1000 PC Hardware & Operating Systems	ISTC 1010 Microcomputer Maintenance	3
DW	Computer Networking	CPN 1031 Networking Fundamentals CISCO	CNTS 120 Data Communications	3 of 5
DW	Computer Networking	CPN 1000 PC Hardware & Operating Systems	CNTS 111 Microcomputers	4 of 8

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ALT	Construction Occupations	CONS 1010 Construction Occupations I & CONS 1020 Construction Occupations II	CARP 1510 Framing & Construction I	3
ALT	Construction Occupations	CONS 1010 Construction Occupations I & CONS 1020 Construction Occupations II	CARP 1621 Shop I	3
ALT	Construction Occupations	CONS 1010 Construction Occupations I & CONS 1020 Construction Occupations II	CARP 1631 Tool Safety & First Aid	3
AT	Construction Occupations	CONS 1010 Construction Occupations I & CONS 1020 Construction Occupations II	ARCH 1000 Residential Construction	2 of 2
AT	Construction Occupations	CONS 1010 Construction Occupations I & CONS 1020 Construction Occupations II	ARCH 1022 Construction Plan Reading -or- CEST 1000 Construction Estimating I	2 of 3 -or- 2 of 3
BATC	Construction Occupations	CONS 1010 Construction Occupations I & CONS 1020 Construction Occupations II	Level 1 Carpentry Training	Certification of Completion
CC	Construction Occupations	CONS 1010 Construction Occupations I & CONS 1020 Construction Occupations II	FST 1000 Construction Technology	4
HT	Construction Occupations	CONS 1010 Constuction Occupations I & CONS 1020 Construction Occupations II	CARP 1990 Construction/Building Systems Technology	3
SET	Construction Occupations	CONS 1010 Construction Occupations I & CONS 1020 Construction Occupations II	CARP 1639 Framing Theory I/1 -or- CARP 1645 Cabinetry I -or- CARP 1650 Carpentry Lab I/1	2 of 2 -or- 1 of 1 -or- 1 of 1
SET	Construction Occupations	CONS 1010 Construction Occupations I & CONS 1020 Construction Occupations II	CARP 1641 Framing Theory I/2	1
SET	Construction Occupations	CONS 1010 Construction Occupations I & CONS 1020 Construction Occupations II	CARP 1648 Carpentry Lab I/2	1
SCSU	Construction Occupations	CONS 1020 Construction Occupations II	ETS 1 Technical Elective Credit in ETS Dept. Major	3 of 3
SCT	Construction Occupations	CONS 1010 Construction Occupations I & CONS 1020 Construction Occupations II	CARP 1505 Construction Tools, Equipment & Machines	2 of 3
SCT	Construction	CONS 1010 Construction Occupations I &	CARP 1513 Blueprint Reading & Estimating	2 of 3

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	Occupations	CONS 1020 Construction Occupations II		
SCT	Construction Occupations	CONS 1010 Construction Occupations I & CONS 1020 Construction Occupations II	CARP 1519 Construction Principles	2 of 4
SCT	Construction Occupations	CONS 1020 Construction Occupations II	CARP 1525 Exterior/Interior Finish	2 of 3
SCT	Construction Occupations	CONS 1010 Construction Occupations I & CONS 1020 Construction Occupations II	ARCH 1513 Architectural Construction Technology (Estimating & Construction fundamentals I)	2 of 3
AV	Cosmetology	Board//Time Sheets	Review of hours on Board/Time Sheets	Assessed at enrollment
CC	Cosmetology	COSM1000 Preclinic Intro	COS 1000 Preclinic Intro	3
CC	Cosmetology	COSM1007 Preclinic Hair Care	COS 1007 Preclinic Hair Care	3
CC	Cosmetology	COSM1010 Preclinic Nail Care	COS 1010 Preclinic Nail Care	3
CC	Cosmetology	COSM1015 Preclinic Chemical Control	COS 1015 Preclinic Chemical Control	3
CC	Cosmetology	COSM1025 Preclinic Hair Color	COS 1025 Preclinic Hair Color	3
CC	Cosmetology	COSM1051 Clinic I	COS 1051 Clinic I	3
CC	Cosmetology	COSM1053 Clinic II	COS 1053 Clinic II	3
MSC	Cosmetology	Board/Time Sheets	Student Account Hours	Assessed at Enrollment
RBI	Cosmetology	Board/Time Sheets	Review of hours on Board/Time Sheets	Assessed at enrollment
EBS	Cosmetology	Board/Time Sheets	Review of hours on Board/Time Sheets	Assessed at enrollment
CC	Dental	DENC 1000 Introduction to Dental Assisting	DENA1000 Introduction to Dental Assisting	3
CC	Dental	DENC 1011 Dental Assisting Pre-Clinic I	DENA1011 Dental Assisting Pre-Clinic I	3
CC	Dental	DENC 1012 Dental Assisting Pre-Clinic II	DENA1012 Dental Assisting Pre-Clinic II	3
CC	Dental	EMTS 1010 CPR / Health Care Provider	EMS 1010 CPR for the Professional Rescuer / American Heart	1
DT	Dental	DENC 1011 Dental Assisting Pre-Clinic I	DENT 1100 Dental Science	2 of 4
DT	Dental	DENC 1012 Dental Assisting Pre-Clinic II	DENT 1110 Preclinic Dental Assisting	1 of 3

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HCC	Dental	DENC 1000 Introduction to Dental Assisting	DAS 1517 Dental Lab	2
HCC	Dental	DENC 1011 Dental Assisting Pre-Clinic I	DAS 1507 Anatomy I	3
HCC	Dental	DENC 1012 Dental Assisting Pre-Clinic II	DAS 1520 Dental Science	2
HZ	Dental	DENC 1011 Dental Assisting Pre-Clinic I & DENA 1012 Dental Assisting Pre-Clinic II	DS 108 Dental Science	4
HZ	Dental	DENC 1012 Dental Assisting Pre-Clinic II	DS 102 Pre Clinic	4
AI	Design and Interactive Media	GDM 300 Introduction to Multimedia Flash Animation, Website Design & I-Movie	MM 2481 Introduction to Multimedia	4
AI	Design and Interactive Media	GDM 200 Digital Imaging	GD 1420 Image Manipulation	4
CC	Design and Interactive Media	GDM 100 Design Basics	VCT1013 Design Basics	4
CC	Design and Interactive Media	GDM 200 Digital Imaging	VCT 1018 Digital Imaging	3
DT	Design and Interactive Media	Photoshop	VCOM 1010 Introduction to Adobe Photoshop	1
DT	Design and Interactive Media	Introduction to Illustrator	VCOM 1410 Introduction to Illustrator	1
HT	Design and Interactive Media	GDM 300 Introduction to Multimedia Flash Animation, Website Design & I-Movie	MMVP 1520 Introduction to Flash	3
DW	Design and Interactive Media	GDM 200 Digital Imaging – Photoshop section	GAPT112 Intro to Image Capture & Editing	3
DW	Design and Interactive Media	GDM 200 Digital Imaging –Illustrator section	GAPT142 Vector Graphics	3
DT	Diesel Trucks	TDT100 Truck Technology Fundamentals	HDTT1100 Truck Technology Fundamentals	2 of 4
DT	Diesel Trucks	TDT100 Truck Technology Fundamentals	HDTT1212 Preventative Maintenance	1 of 4
DT	Diesel Trucks	TDT300 Heavy Duty Diesel and Gasoline Engines	HDTT2107 Diesel Fundamentals	1 of 3
DT	Diesel Trucks	TDT200 Mechanical Skills	HDTT1106 Welding Procedures	1 of 2
DT	Diesel Trucks	TDT200Mechanical Skills	HDTT1218 Electrical Systems	1 of 4
DT	Diesel Trucks	TDT300 Heavy Duty diesel and Gasoline Engines	HDTT2101 Drive Train I	1 of 6
DW	Diesel Trucks	TDT300 Heavy Duty Diesel and Gasoline Engines	AUTO124 Engine Fundamentals	2
DW	Diesel Trucks	TDT100 Truck Technology Fundamentals	AUTO126 General Skills	2

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CC	EMT	EMTS 1015 First Responder	EMS 1015 First Responder	2
CC	EMT	EMTS 1020 Emergency Medical Technician	EMS 1020 Emergency Medical Technician	6
CC	EMT/Medical Careers / Law/Dental Careers	EMTS 1010 CPR / Health Care Provider	EMS 1010 CPR for the Professional Rescuer / American Heart	1
ALT	EMT	EMTS 1015 First Responder	LENF 1623 First Responder	3
AT	EMT	EMTS 1015 First Responder	EMED 1020 First Responder	3
CL	EMT	EMTS 1015 First Responder	EMTS1505 First Responder	3
HT	EMT	EMTS 1015 First Responder	EMSV 1150 First Responder	3
NMDL	EMT	EMTS 1015 First Responder	HLTH 2209 First Responder	3
HT	Food Service	FS 100 Introduction to the Baking Service Industry & Safety and Sanitation	CULA 1136 Intro to Hospitality Industry	2
HT	Food Service	FS 200 Intro to Pantry Service Industry	CULA 1135 Basic Garde Manager & Entremetier	4
ALT	Law Enforcement	LEC 100 Law Enforcement Careers	LENF 1607 Intro to Criminal Justice/Patrol Procedures	3
ALT	Law Enforcement	LEC 200 Constitutional Law	POLS 2401 Constitutional Law	3
ALT	Law Enforcement	EMTS 1015 First Responder	LENF 1623 First Responder	3
AT	Law Enforcement	EMTS 1015 First Responder	EMED 1020 First Responder	3
CL	Law Enforcement	EMTS 1015 First Responder	EMTS1505 First Responder	3
HT	Law Enforcement	EMTS 1015 First Responder	EMSV 1150 First Responder	3
NMDL	Law Enforcement	EMTS 1015 First Responder	HLTH 2209 First Responder	3
CC	Law Enforcement	LEC 100 Law Enforcement Careers & LEC 200 Constitutional Law	CJS 2081 Police in the Community	3
CC	Law Enforcement	EMTS 1010 CPR / Health Care Provider	EMS 1010 CPR for the Professional Rescuer / American Heart	1
MSU	Law Enforcement	LEC 100 Law Enforcement Careers & LEC 200 Constitutional Law	LAW 131 Introduction to Law Enforcement	3
IH	Law Enforcement	LEC 100 Law Enforcement Careers	SOC 1150 Intro to Criminal Justice	3
HCC	Law Enforcement	LEC 200 Constitutional Law	LAW 1590 Procedural Law	4
HCC	Law Enforcement	LEC 100 Law Enforcement Careers	LAW 1510 Intro to Criminal Justice	3
HT	Medical Careers	MC 100 Nursing Assistant / Home Health Aid	NURS 1001 Nursing Assistant	4
CC	Medical Careers	MC 100 Nursing Assistant/Home Health Aid	NURS 1001 Nursing Assistant - Registered	4
CC	Medical Careers	MC 200 Medical Terminology	HEAL 1502 Medical Terminology	2
CC	Medical Careers	EMTS 1010 CPR/Health Care Provider	EMS 1010 CPR for the Professional Rescuer / Amer. Heart	1

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DT	Medical Careers	EMTS 1010 CPR/Health Care Provider	HEAL 1010 CPR for Professional Rescuer	1
DT	Medical Careers	MC 100 Nursing Assistant / Home Health Aid	HEAL 1050 Basic Nursing	5
DT	Medical Careers	MC 200 Medical Terminology	HEAL 1502 Medical Terminology	2

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