

Fall 2009

KCC

FALL SCHEDULE

KCC

ONLINE REQ#	COURSE-SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG-RM	INSTR
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ACCOUNTING - CENTRAL CAMPUS - ROSCOMMON

*49379	ACC-12100-80	i Accounting Principles I	4/4	\$45	6:00-8:00pm	R	INS-123	Lange
HYBRID ONLINE COURSE REQUIREMENTS: Online Orientation (see page 41), MS Word & KCC E-mail. Direct questions to Jane Lange, email langej@kirtland.edu. NOTE: This course will be a combination of on-campus & online instruction.								
49380	ACC-12500-60	i Comp Acctg w/Quickbooks	4/4	\$45	Online Course			Lange
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Jane Lange, email langej@kirtland.edu.								

ALLIED HEALTH - CENTRAL CAMPUS - ROSCOMMON

48309	ALH-10101-60	i Medical Terminology	2/2	\$45	Online Course			Pavelek
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Nancy Pavelek, email pavelekn@kirtland.edu.								
48296	ALH-10101-61	i Medical Terminology	2/2	\$45	Online Course			Girard
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Kathy Girard, email girardk@kirtland.edu.								
48377	ALH-10101-62	i Medical Terminology	2/2	\$45	Online Course			Hillman
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Wendy Hillman, email hillmanw@kirtland.edu.								
48391	ALH-10101-90	i Medical Terminology	2/2	\$15	10:00-12:00pm	W	INS-108	Owens
WEB ENHANCED COURSE: Details on page 41								
48308	ALH-10101-91	i Medical Terminology	2/2	\$15	12:00-2:00pm	W	INS-108	Girard
WEB ENHANCED COURSE: Details on page 41								
*48351	ALH-10400-00	Nursing Assistant	6/8	\$160	TBA	TR	INS-213	Greenen
(Course will meet 3-4 clinical days at a skilled care facility, dates/times TBA.)								
48298	ALH-11201-00	Med Ethics & Law (TBA)	1/1	\$10	2:00-4:00pm	R	INS-108	Owens
49382	ALH-20203-00	Standard First Aid (8/28/09)	.5/.5	\$25	8:00-4:30pm	F	INS-213	Ball
49582	ALH-21701-00	Basic EMT	10/14	\$10	5:00 -10pm	TR	Grayling	White
(4 Saturdays, Dates TBA)								
8:00-4:30pm Sat Grayling White								
NOTE: This course will be held at the Grayling Fire Dept, 1041 City Blvd., Grayling, MI								

ALLIED HEALTH - MTEC - GAYLORD

48326	ALH-10101-00M	Medical Terminology	2/2	\$15	6:00-8:00pm	R	MTEC-103	TBA
*48317	ALH-10400-00M	Nursing Assistant	6/8	\$160	TBA	TR	MTEC-108	Brower
(Course will meet 3-4 clinical days at a skilled care facility, dates/times TBA.)								
49383	ALH-20203-00M	Standard First Aid (8/28/09)	.5/.5	\$25	8:00-4:30pm	F	MTEC-103	Duncan

ART - CENTRAL CAMPUS - ROSCOMMON

48340	ART-10000-00	Art History I	3/3		3:00-6:00pm	W	ART-117	Rice
48310	ART-10500-00	Intro to Design (2 hrs/week TBA)	3/4	\$100	10:00-12:00pm	R	ART-117	Donna
48350	ART-10600-00	Fund of Drawing I †	3/4	\$100	12:00-2:00pm	TR	ART-121	Rice
48316	ART-10700-00	Painting I †	3/4	\$100	10:00-12:00pm	TR	ART-105	Rice
48478	ART-11500-00	Photography I	3/4	\$100	3:00-5:00pm	TR	ART-117	Donna

NOTE: It is preferred that students provide their own 35mm cameras with metered manual mode. However, cameras will be available for check out.

48487	ART-11500-01	Photography I	3/4	\$100	6:00-10:00pm	W	ART-117	Donna
NOTE: It is preferred that students provide their own 35mm cameras with metered manual mode. However, cameras will be available for check out.								

*48319 ART-25000-00 Illustration I † 3/4 \$100 3:00-5:00pm TR ART-121 Rice

† A student who cannot attend the above 100-level courses during the scheduled times has the option to register in the "open studio" section of that course. See art courses available as "Open Studio" courses on the following page.

48321	ART-10800-00	Ceramics I	3/4	\$100	12:00-2:00pm	TR	ART-107	Donna
49384	ART-19000-80	i Digital Communications I	3/4	\$100	6:00-9:00pm	T	ADM-207	Socia

HYBRID ONLINE COURSE REQUIREMENTS: Online Orientation (see page 41), MS Word & KCC Email. Direct questions to Jared Socia, email sociaj@kirtland.edu. NOTE: This course will be a combination of on-campus & online instruction.

*49385	ART-23500-80	i Digital Communications II	3/4	\$100	6:00-9:00pm	T	ADM-207	Socia
HYBRID ONLINE COURSE REQUIREMENTS: Online Orientation (see page 41), MS Word & KCC Email. Contact Jared Socia, email sociaj@kirtland.edu. NOTE: This course will be a combination of on-campus & online instruction.								

*48425	ART-27571-00	Computer Animation I	3/4	\$100	6:00-10:00pm	R	ART-Lab	Sales
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ONLINE REQ#	COURSE-SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG-RM	INSTR
49261	ART-27573-00	Computer Animation II	3/4	\$100	TBA		ART-Lab	Sales
*49259	ART-27575-00	Computer Animation III	3/4	\$100	TBA		ART-Lab	Sales
*48354	ART-27579-00	Computer Animation IV	3/4	\$100	TBA		ART-Lab	Sales
49386	ART-27545-80	i Computer Generated Images I	3/4	\$100	8:30-11:30am	T	ADM-207	Balbach
HYBRID ONLINE COURSE REQUIREMENTS: Online Orientation (see page 41), MS Word & KCC E-mail. Contact Lisa Balbach, email balbachl@kirtland.edu. NOTE: This course will be a combination of on-campus & online instruction.								
48374	ART-28000-00	Portfolio I (2 hours/week TBA)	3/4	\$100	6:00-8:00pm	W	ART-105	Rice

OPEN STUDIO POLICY - Students must have instructor's approval to sign up for the following open studio courses. A student who cannot attend 100-level Studio Art courses during the regularly scheduled times has the option to register in the "open studio" section of that course. Students must be able to attend their class during the instructor's "open studio" times, listed below, to be allowed to take the course. **It is the responsibility of the student to meet with their instructor during the first week of the semester or risk the possibility of being asked to drop the course.**

Open Studio Times

Instructor	Tuesday	Wednesday	Thursday
Scott Rice	5 p.m. - 9 p.m.	8:30 a.m. - 2:30 p.m.	
Joe Donna	10 a.m. - noon 5 p.m. - 10 p.m.	11 a.m. - 6 p.m.	5 p.m. - 10 p.m.

48352	ART-10600-20	Fund of Drawing I	3/4	\$100	Open Studio	ART-121	Rice
*48395	ART-20600-20	Drawing II	3/4	\$100	Open Studio	ART-121	Rice
*48323	ART-27504-20	Advanced Drawing	3/4	\$100	Open Studio	ART-121	Rice
*48517	ART-27531-20	Rendering I	3/4	\$100	Open Studio	ART-121	Rice
*48369	ART-27611-20	Rendering II	3/4	\$100	Open Studio	ART-121	Rice
48318	ART-10700-20	Painting I	3/4	\$100	Open Studio	ART-105	Rice
*48396	ART-20700-20	Painting II	3/4	\$100	Open Studio	ART-105	Rice
*48312	ART-21600-20	Painting III	3/4	\$100	Open Studio	ART-105	Rice
*48358	ART-27587-20	Painting IV	3/4	\$100	Open Studio	ART-105	Rice
*48339	ART-27543-20	Abstract Painting	3/4	\$100	Open Studio	ART-105	Rice
*48307	ART-20800-20	Ceramics II	3/4	\$100	Open Studio	ART-107	Donna
*49263	ART-21800-20	Ceramics (Studio Problems)	3/4	\$100	Open Studio	ART-107	Donna
*49258	ART-22800-20	Ceramics (Studio Operations)	3/4	\$100	Open Studio	ART-107	Donna
48324	ART-11400-20	Sculpture I	3/4	\$100	Open Studio	ART-114	Donna
*48342	ART-21400-20	Sculpture II	3/4	\$100	Open Studio	ART-114	Donna
*49260	ART-22400-20	Advanced Sculpture I	3/4	\$100	Open Studio	ART-114	Donna
*49257	ART-23400-20	Advanced Sculpture II	3/4	\$100	Open Studio	ART-114	Donna
*48380	ART-27514-20	Welded Sculpture	3/4	\$100	Open Studio	ART-114	Donna
*48311	ART-21500-20	Photography II	3/4	\$100	Open Studio	ART-117	Donna
*48398	ART-27532-20	Photo Studio Problems	3/4	\$100	Open Studio	ART-117	Donna
*48408	ART-27550-20	Digital Darkroom	3/4	\$100	Open Studio	ART-117	Donna
*48458	ART-27606-20	Digital Darkroom II	3/4	\$100	Open Studio	ART-117	Donna
*48343	ART-27553-20	Adv B&W Photography	3/4	\$100	Open Studio	ART-117	Donna
*48315	ART-22500-20	Intro to Color Photography	3/4	\$100	Open Studio	ART-117	Donna
*49571	ART-27546-20	Computer Generated Images II	3/4	\$100	Open Studio	ART-Lab	Donna
*49572	ART-27566-20	Computer Generated Images III	3/4	\$100	Open Studio	ART-Lab	Donna
*49573	ART-27578-20	Computer Generated Images IV	3/4	\$100	Open Studio	ART-Lab	Donna
*48320	ART-25000-20	Illustration I	3/4	\$100	Open Studio	ART-121	Rice
*48367	ART-26000-20	Illustration II	3/4	\$100	Open Studio	ART-121	Rice
48347	ART-27565-20	Comic Book Illustration	3/4	\$100	Open Studio	ART-121	Rice

= Sat/Sun/Evening Classes

TBA=To be announced

*=Pre/corequisite-see college catalog

i=Internet account required-see pg 41

R=Thursday

ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
48355	ART-27581-20	Children's Book Illustration	3/4	\$100	Open Studio		ART-121	Rice
*48363	ART-27598-20	Portfolio II	3/4	\$100	Open Studio		ART-121	Rice

SPECIAL ART NOTE: More advanced and more specialized art courses are available, contact Joe Donna, 989-275-5000, ext 226.

ASTRONOMY - CENTRAL CAMPUS - ROSCOMMON

*48375	AST-10201-00	Astronomy I Lecture	3/3		6:30-8:00pm	MW	INS-15	Cochran
*48477	AST-10202-00	Astronomy I Lab	1/2	\$30	8:00-10:00pm	M	INS-119	Cochran

NOTE: Approximately 1/3 of lab sessions will be held out doors from the beginning of the lab or roughly at dusk (at a time to be determined) until as late as 11pm. Temperature and/or insects will not be a deterrent to observing, students should wear appropriate attire.

AUTOMOTIVE - CENTRAL CAMPUS - ROSCOMMON

48681	AUT-16302-00	i Automotive Fundamentals	4/5	\$25	8:30-11:00am	MW	CTC-100	Bonk
*48378	AUT-16401-00	i Basic Electricity	3/4	\$25	6:00-8:00pm	MW	CTC-102	Akin
*48379	AUT-17200-00	i Intro to Diesel Service	4/6	\$25	6:00-9:00pm	TR	CTC-102	Akin
*48485	AUT-17703-00	i Automotive Braking Systems	4/6	\$25	12:00-3:00pm	MW	CTC-100	Bonk
48486	AUT-19100-00	i Autobody Internship I	5/5	\$25	TBA	TBA		Sturm
*48488	AUT-21800-00	i Automatic Transmissions	4/6	\$25	6:00-9:00pm	MW	CTC-100	Oakes
*48383	AUT-26500-00	i Steering Suspension/Alignment	4/6	\$25	8:30-11:30am	TR	CTC-100	Bonk
*48384	AUT-26601-00	i Engine Perf & Diagnostics	4/6	\$25	6:00-9:00pm	TR	CTC-100	Oakes
*48495	AUT-27000-00	i Heating & Air Conditioning	3/4	\$25	12:00-2:00pm	TR	CTC-100	Bonk

BIOLOGY - CENTRAL CAMPUS - ROSCOMMON

49388	BIO-10100-01	General Biology	4/5	\$25	12:30-3:00pm	TR	INS-110	Kemp
48498	BIO-10700-00	Essentials of Anatomy & Phys	4/5	\$25	3:00-5:30pm	TR	INS-12	Sieszputow
48389	BIO-10700-01	Essentials of Anatomy & Phys	4/5	\$25	10:00-1:00pm	M	INS-11	Gipson

49389	BIO-10700-60	i Essentials of Anatomy & Phys	4/5	\$45	Online Course			Sieszputow
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ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Contact Jen Sieszputowski, email sieszpuj@kirtland.edu.

*48737	BIO-11500-00	Anatomy & Physiology I	4/5	\$25	8:30-11:00am	MW	INS-12	Hauser
*48392	BIO-11500-01	Anatomy & Physiology I	4/5	\$25	3:30-6:00pm	TR	INS-110	Kemp
*48393	BIO-11600-00	Anatomy & Physiology II	4/5	\$25	8:30-11:00am	TR	INS-12	Hauser
*48513	BIO-11600-01	Anatomy & Physiology II	4/5	\$25	12:00-2:30pm	TR	INS-12	Sieszputow
49391	BIO-20200-00	General Botany	4/5	\$25	9:00-11:30am	MW	INS-110	Dale
48518	BIO-21300-00	Nature Study (8/26 - 11/6)	4/5	\$85	12:00-6:00pm	W	INS-110	Kemp

NOTE: Students are expected to car pool & share expenses for field trips. Nature Study is a physically demanding course in which several hikes are planned. Class will only meet for 3 Fridays for extensive field trips and testing.

*48769	BIO-21500-90	i Pathophysiology	4/4	\$40	1:00-5:00pm	M	INS-108	Girard
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WEB ENHANCED COURSE: Details on page 39.

BIOLOGY - MTEC - GAYLORD

*48388	BIO-10700-00M	Essentials of Anatomy & Phys	4/5	\$25	9:00-11:30am	MW	MTEC-105	TBA
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BUSINESS & MARKETING - CENTRAL CAMPUS - ROSCOMMON

48400	BUS-10100-60	i Intro to Business	3/3	\$45	Online Course			Grenkowicz
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ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Contact Judith Grenkowicz, email grenkowj@kirtland.edu.

48401	BUS-10100-80	i Intro to Business	3/3	\$45	3:00-6:00pm	W	ADM-135	Grenkowicz
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HYBRID ONLINE COURSE REQUIREMENTS: Online Orientation (see page 41), MS Word & KCC Email. Contact Judith Grenkowicz, email grenkowj@kirtland.edu. **NOTE:** This course will be a combination of on-campus & online instruction.

48406	BUS-21500-60	i Legal Environment of Business	3/3	\$45	Online Course			Grenkowicz
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ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Contact Judith Grenkowicz, email grenkowj@kirtland.edu.

48407	BUS-24500-60	i Personnel Management	3/3	\$45	Online Course			Grenkowicz
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ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Contact Judith Grenkowicz, email grenkowj@kirtland.edu.

49387	MKT-11000-80	i Prin of Selling	3/3	\$45	6:00-9:00pm	M	ADM-135	Grenkowi
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HYBRID ONLINE COURSE REQUIREMENTS: Online Orientation (see page 41), MS Word & KCC Email. Contact Judith Grenkowicz, email grenkowj@kirtland.edu. **NOTE:** This course will be a combination of on-campus & online instruction. Course will meet only two times on-campus.

ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
48871	MKT-20000-60	i Prin of Marketing ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Contact Judith Grenkowicz, email grenkowj@kirtland.edu.	3/3	\$45	Online Course			Grenkowicz

CAREER ABILITY PREPARATION - MTEC - GAYLORD

48409	CAP-00102-00M	Writing Level 2	.94/.94					
48410	CAP-00103-00M	Writing Level 3	1.06/1.06					
48411	CAP-00203-00M	Reading for Information Level 3	1/1					
48412	CAP-00204-00M	Reading for Information Level 4	1.75/1.75					
48413	CAP-00205-00M	Reading for Information Level 5	.44/.44					
48414	CAP-00206-00M	Reading for Information Level 6	.44/.44					
48415	CAP-00207-00M	Reading for Information Level 7	.44/.44					
48416	CAP-00303-00M	Applied Mathematics Level 3	1/1					
48417	CAP-00304-00M	Applied Mathematics Level 4	1/1					
48418	CAP-00305-00M	Applied Mathematics Level 5	.44/.44					
48419	CAP-00306-00M	Applied Mathematics Level 6	.44/.44					
48420	CAP-00307-00M	Applied Mathematics Level 7	.44/.44					
48421	CAP-00403-00M	Locating Information Level 3	.31/.31					
48422	CAP-00404-00M	Locating Information Level 4	.44/.44					
48423	CAP-00405-00M	Locating Information Level 5	.38/.38					
48424	CAP-00406-00M	Locating Information Level 6	.44/.44					
48574	CAP-00703-00M	Applied Technology Level 3	.31/.31					
48426	CAP-20001-00M	Internship/Service Learning	1/1.5					
48427	CAP-20002-00M	Internship/Service Learning	2/3					
48428	CAP-20003-00M	Internship/Service Learning	3/4.5					
48429	CAP-20004-00M	Internship/Service Learning	4/6					

CAREER & PERSONAL DEVELOPMENT - CENTRAL CAMPUS - ROSCOMMON

CAR 102 has been organized so that students can register for any of the three 1-credit, 5-week long classes listed below, or for the complete semester-long course, CAR-10204, that encompasses all of the material. If students wish to take all three classes, please register for CAR 10204, the semester-long course.

48430	CAR-10201-00	College Survival & Success I	1/1		1:30-3:00pm	TR	ADM-252	Jakobson NOTE: Meets 1st 5 weeks (8/24 - 9/25) This course introduces personal analysis and development skills necessary for early survival and success in college. Also provides orientation to KCC's programs, resources and services.
48431	CAR-10202-00	College Survival & Success II	1/1		1:30-3:00pm	TR	ADM-252	Jakobson NOTE: Meets 2nd 5 weeks (9/28 - 10/30) This course provides students with the opportunity to cultivate the academic skills necessary to become confident and capable learners.
48432	CAR-10203-00	College Survival & Success III	1/1		1:30-3:00pm	TR	ADM-252	Jakobson NOTE: Meets 3rd 5 weeks (11/2 - 12/11) This course focuses on higher-order skills such as creative and critical thinking, decision-making and communication. Also examines health/stress management and financial literacy.
48433	CAR-10204-00	College Survival & Success	3/3		1:30-3:00pm	TR	ADM-252	Jakobson NOTE: Meets all semester. This course is designed to provide students with the opportunity to cultivate the skills, values, and attitudes necessary to become confident and capable learners.

CARPENTRY - MTEC - GAYLORD

48544	CPT-10007-00M	Orientation to the Trade	.10/.16	\$11.88				
48545	CPT-10008-00M	Bldg Matls, Fasteners/Adhesives	.30/.47	\$35.63				
48546	CPT-10009-00M	Hand & Power Tools	.40/.63	\$47.50				
48547	CPT-10010-00M	Floor Systems	1.0/1.56	\$118.75				
48548	CPT-10011-00M	Wall and Ceiling Framing	.80/1.25	\$95.00				
48549	CPT-10012-00M	Roof Framing	1.50/2.34	\$178.13				
48550	CPT-10013-00M	Windows and Exterior Doors	.50/.78	\$59.38				
48551	CPT-10014-00M	Reading Plans and Elevations	.80/1.25	\$95.00				
48552	CPT-10015-00M	Site Layout I, Dist Meas/Leveling	.90/1.41	\$106.88				
48553	CPT-10016-00M	Intro to Concrete/Reinforce Matls	.40/.63	\$47.50				
48554	CPT-10017-00M	Foundations and Flatwork	.60/.94	\$71.25				
48555	CPT-10018-00M	Concrete Forms	1.30/2.03	\$154.38				
48556	CPT-10019-00M	Reinforcing Concrete	.60/.94	\$71.25				
48557	CPT-10020-00M	Handling and Placing Concrete	.90/1.41	\$106.88				
48558	CPT-10023-00M	Manufactured Forms	.90/1.41	\$106.88				
48559	CPT-20023-00M	Exterior Finish	1.40/2.19	\$166.25				

ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
48560	CPT-20024-00M	Roofing Applications	1.0/1.56	\$118.75				
48561	CPT-20025-00M	Thermal and Moisture Protection	.20/.31	\$23.75				
48562	CPT-20026-00M	Stairs	.60/.94	\$71.25				
48563	CPT-20027-00M	Framing with Metal Studs	.60/.94	\$71.25				
48564	CPT-20028-00M	Drywall One: Installation	.60/.94	\$71.25				
48565	CPT-20029-00M	Drywall Two: Finishing	.50/.78	\$59.38				
48566	CPT-20030-00M	Interior Finish One: Doors	.80/1.25	\$95.00				
48567	CPT-20031-00M	Interior Finish Two: Susp Ceilings	1.0/1.56	\$118.75				
48568	CPT-20032-00M	Interior Finish Three: Trim	1.0/1.56	\$118.75				
48569	CPT-20033-00M	Interior Finish Four: Cabinet Inst	.40/.63	\$47.50				
48570	CPT-20034-00M	Site Layout II: Angular Measure	1.0/1.56	\$118.75				
48571	CPT-20035-00M	Advanced Roof Systems	.60/.94	\$71.25				
48572	CPT-20036-00M	Advanced Floor Systems	.60/.94	\$71.25				
48573	CPT-20037-00M	Advanced Wall Systems	.80/1.25	\$95.00				
48872	CPT-20038-00M	Advanced Stair Systems	1.0/1.56	\$118.75				
48575	CPT-20039-00M	Intro to Light Equipment	.40/.63	\$47.50				
48576	CPT-20040-00M	Welding	1.0/1.56	\$118.75				
48577	CPT-20041-00M	Metal Buildings	.50/.78	\$59.38				
48578	CPT-20042-00M	Intro to Proj Mgmt/Supervision	.60/.94	\$71.25				

CHEMISTRY - CENTRAL CAMPUS - ROSCOMMON

*48449	CHE-10003-00	Chemical Science (Students must sign up for CHE-10004-00 or CHE-10004-01)	3/3	\$10	12:00-3:00pm	T	INS-11	Hauser
*48450	CHE-10003-01	Chemical Science (Students must sign up for corresponding lab CHE-10004-03 or CHE-10004-04)	3/3	\$10	8:30-10:00am	TR	INS-11	Cochran
*48451	CHE-10003-60	i Chemical Science (Students must sign up for corresponding lab CHE-10004-60)	3/3	\$45	Online Course			Gipson
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Kristy Gipson, email gipsonk@kirtland.edu.								
*48452	CHE-10004-00	Chemical Science Lab	1/2	\$25	12:00-2:00pm	R	INS-118	Hauser
*48453	CHE-10004-01	Chemical Science Lab	1/2	\$25	2:00-4:00pm	R	INS-118	Hauser
*48454	CHE-10004-02	Chemical Science Lab	1/2	\$25	10:00-12:00pm	T	INS-118	Cochran
*48455	CHE-10004-03	Chemical Science Lab	1/2	\$25	10:00-12:00pm	R	INS-118	Cochran
*49392	CHE-10004-60	i Chemical Science Lab (Students must sign up for corresponding lab CHE-10003-60)	1/2	\$45	Online Course			Gipson
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Kristy Gipson, email gipsonk@kirtland.edu.								
*48457	CHE-10101-00	Gen Chemistry I	4/4		1:00-3:00pm	MW	INS-15	Cochran
*48641	CHE-10102-00	Gen Chemistry I Lab	1/3	\$25	3:30-6:30pm	M	INS-118	Cochran

COMPUTER INFORMATION SYSTEMS - CENTRAL CAMPUS - ROSCOMMON

48462	CIS-01000-00	Basic Computing (8/24 - 11/2)	2/2	\$14	12:00-3:00pm	M	ADM-207	Horton
48463	CIS-10500-00	Intro to Computers	3/3	\$21	10:00-11:30am	MW	ADM-205	Frazier
48465	CIS-10500-01	Intro to Computers	3/3	\$21	1:30-3:00pm	MW	ADM-205	Frazier
48466	CIS-10500-02	Intro to Computers	3/3	\$21	3:00-6:00pm	T	ADM-205	Balbach
48467	CIS-10500-03	Intro to Computers	3/3	\$21	6:00-9:00pm	R	ADM-205	Frazier
48470	CIS-10500-60	i Intro to Computers (8/22 - 12/11)	3/3	\$45	Online Course			Balbach
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41) & KCC Email. Application software used is EITHER Windows Vista OR Windows XP AND the current commercial version of Internet Explorer AND Microsoft Office 2007 Professional which includes Word 2007, Excel 2007, Access 2007 and PowerPoint 2007. This course begins 8/22/09 & must be completed by 12/11/09. Incomplete grades will not be given for this course. Direct questions to Lisa Balbach, email balbachl@kirtland.edu. Prerequisite: Keyboarding skills								
48471	CIS-10500-61	i Intro to Computers (8/22 - 12/11)	3/3	\$45	Online Course			Balbach
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41) & KCC Email. Application software used is EITHER Windows Vista OR Windows XP AND the current commercial version of Internet Explorer AND Microsoft Office 2007 Professional which includes Word 2007, Excel 2007, Access 2007 and PowerPoint 2007. This course begins 8/22/09 & must be completed by 12/11/09. Incomplete grades will not be given for this course. Direct questions to Lisa Balbach, email balbachl@kirtland.edu. Prerequisite: Keyboarding skills								

ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
49393	CIS-10500-62	i Intro to Computers (8/22 - 12/11)	3/3	\$45				Balbach
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41) & KCC Email. Application software used is EITHER Windows Vista OR Windows XP AND the current commercial version of Internet Explorer AND Microsoft Office 2007 Professional which includes Word 2007, Excel 2007, Access 2007 and PowerPoint 2007. This course begins 8/22/09 & must be completed by 12/11/09. Incomplete grades will not be given for this course. Direct questions to Lisa Balbach, email balbachl@kirtland.edu. Prerequisite: Keyboarding skills								
*48472	CIS-17001-60	i MS Office (8/22 - 12/11)	3/3	\$45				Balbach
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41) & KCC Email. Application software used is Microsoft Office 2007 Professional which includes Word 2007, Excel 2007, Access 2007 & PowerPoint 2007. This course is an online course with OPTIONAL on-campus labs. Labs will be held in ADM-205 on Thursday afternoons from 12:00-2:00pm. The course begins 8/22/09 & must be completed by 12/11/09. Incomplete grades will not be given for this course. Direct questions to Lisa Balbach, email balbachl@kirtland.edu. Prerequisite: CIS-105 or equivalent or demonstrated competency.								
*49394	CIS-19700-60	i OS Certification	3/3	\$45				Frazier
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41) & KCC -mail. The course begins 8/22/09 & must be completed by 12/11/09. Incomplete grades will not be given for this course. Direct questions to Gene Frazier, email frazierg@kirtland.edu. Prerequisite: CIS-105 or equivalent or demonstrated competency.								
*48474	CIS-21000-60	i Internet & Web Dev (8/22 - 12/11)	3/3	\$45				Frazier
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41) & KCC Email. The course begins 8/22/09 & must be completed by 12/11/09. Incomplete grades will not be given for this course. Direct questions to Gene Frazier, email frazierg@kirtland.edu. Prerequisite: CIS-105 or equivalent or demonstrated competency.								
48475	CIS-21900-00	MacIntosh OS X (8/27 - 10/15)	1/1	\$10	12:00-2:00pm	R	ART-Lab	Horton
48680	CIS-24000-80	i Technology in Education	3/3	\$45	6:00-8:00pm	R	ADM-207	Socia
HYBRID ONLINE COURSE REQUIREMENTS: Online orientation (see page 41) & KCC Email. This course will be a combination of on-campus & online instruction. Lectures/demonstrations & computer labs will be on-campus. The final exam will be online. Many of the software applications used in the course will be available for student checkout. Direct questions to Jared Socia, email sociaj@kirtland.edu. Prerequisite: None								
48479	CIS-26000-60	i Intro to Networking (8/22 - 12/11)	3/3	\$45				Frazier
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41) & KCC Email. The course begins 8/22/09 & must be completed by 12/11/09. Incomplete grades will not be given for this course. Direct questions to Gene Frazier, email frazierg@kirtland.edu. Prerequisite: None								
*48480	CIS-27001-80	i Programming I	3/3	\$45	3:00-6:00pm	R	ADM-205	Balbach
HYBRID ONLINE COURSE REQUIREMENTS: Online orientation (see page 41) & KCC Email. This course will be a combination of on-campus & online instruction. Exams will be online and assignments will be submitted using email or the online delivery system dropbox. Lectures/demonstrations and computer labs will be on-campus. Application software is the current version of Visual Studio (software available for student checkout). Direct questions to Lisa Balbach, email balbachl@kirtland.edu. Corequisite: CIS-10500								

COMPUTER INFORMATION SYSTEMS - MTEC - GAYLORD

48464	CIS-10500-00M	Intro to Computers	3/3	\$21	6:00-9:00pm	T	MTEC-103	Horton
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CORE (CONSTRUCTION TRADES) - MTEC - GAYLORD

48502	COR-10001-00M	Basic Safety	.60/.94	\$15.00				
48503	COR-10002-00M	Intro to Construction Math	.60/.94	\$15.00				
48504	COR-10003-00M	Intro to Hand Tools	.40/.63	\$10.00				
48505	COR-10004-00M	Intro to Power Tools	.20/.31	\$5.00				
48736	COR-10005-00M	Intro to Blueprints	.30/.47	\$7.50				
48738	COR-10006-00M	Basic Rigging	.80/1.25	\$20.00				
49450	COR-10007-00M	Basic Communication Skills	.20/.31	\$5.00				
49451	COR-10008-00M	Basic Employability Skills	.60/.94	\$15.00				

COSMETOLOGY - CENTRAL CAMPUS - ROSCOMMON - Students should contact one of the following instructors at 989-275-5000, ext. 274 before registering or for information about other dates on which they can begin classes: Shannon Weaver, Carmen Miller, & Robin Winton

48508	COS-11200-00F	Manicuring I	2.5/4	\$20	8:30-4:00pm	MTWRF		CTC-107
*48509	COS-11300-00F	Manicuring II	2.5/4	\$20	8:30-4:00pm	MTWRF		CTC-107
*48510	COS-11400-00F	Manicuring III	2.5/4	\$20	8:30-4:00pm	MTWRF		CTC-107
*48511	COS-11500-00F	Manicuring IV	2.5/4	\$20	8:30-4:00pm	MTWRF		CTC-107
*48512	COS-11600-00F	Manicuring V	2.5/4	\$20	8:30-4:00pm	MTWRF		CTC-107
48753	COS-12100-00F	Cosmetology I	2.5/4	\$25	8:30-4:00pm	MTWRF		CTC-107

= Sat/Sun/Evening Classes

TBA=To be announced

*=Pre/corequisite-see college catalog

i=Internet account required-see pg 41

R=Thursday

ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
*48515	COS-12200-00F	Cosmetology II	2.5/4	\$25	8:30-4:00pm	MTWRF		CTC-107
*48516	COS-12300-00F	Cosmetology III	2.5/4	\$25	8:30-4:00pm	MTWRF		CTC-107
*48758	COS-12400-00F	Cosmetology IV	2.5/4	\$25	8:30-4:00pm	MTWRF		CTC-107
*48760	COS-12500-00F	Cosmetology V	2.5/4	\$25	8:30-4:00pm	MTWRF		CTC-107
*48519	COS-12600-00F	Cosmetology VI	2.5/4	\$25	8:30-4:00pm	MTWRF		CTC-107
*48520	COS-12700-00F	Cosmetology VII	2.5/4	\$25	8:30-4:00pm	MTWRF		CTC-107
*48521	COS-12800-00F	Cosmetology VIII	2.5/4	\$25	8:30-4:00pm	MTWRF		CTC-107
*48314	COS-12900-00F	Cosmetology IX	2.5/4	\$25	8:30-4:00pm	MTWRF		CTC-107
*48770	COS-13000-00F	Cosmetology X	2.5/4	\$25	8:30-4:00pm	MTWRF		CTC-107
*48524	COS-13100-00F	Cosmetology XI	2.5/4	\$25	8:30-4:00pm	MTWRF		CTC-107
*48525	COS-13200-00F	Cosmetology XII	2.5/4	\$25	8:30-4:00pm	MTWRF		CTC-107
*48526	COS-13300-00F	Cosmetology XIII	2.5/4	\$25	8:30-4:00pm	MTWRF		CTC-107
*48527	COS-13400-00F	Cosmetology XIV	2.5/4	\$25	8:30-4:00pm	MTWRF		CTC-107
*48528	COS-13500-00F	Cosmetology XV	2.5/4	\$25	8:30-4:00pm	MTWRF		CTC-107
*48529	COS-13600-00F	Cosmetology XVI	2.5/2.5	\$25	8:30-4:00pm	MTWRF		CTC-107
*48538	COS-22100-00F	Cosmetology Instructor I	2.5/5	\$5	8:30-4:00pm	MTWRF		CTC-107
*48539	COS-22200-00F	Cosmetology Instructor II	2.5/5	\$5	8:30-4:00pm	MTWRF		CTC-107
*48540	COS-22300-00F	Cosmetology Instructor III	2.5/5	\$5	8:30-4:00pm	MTWRF		CTC-107
48536	COS-17500-60F	i Salon Management	1/1	\$45	Online Course			Weaver

ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email.
Direct questions to Shannon Weaver, email weavers@kirtland.edu.

CRIMINAL JUSTICE - CENTRAL CAMPUS - ROSCOMMON

*48482	CJS-10000-00	Intro to Criminal Justice	3/3		6:30-9:30pm	R	ADM-135	Hinman
*48483	CJS-10200-00	Physical Training I	3/4	\$60	5:00-7:00pm	MW	ADM-116	Boerema
*49248	CJS-10201-00	Physical Training II	3/4	\$60	5:00-7:00pm	MW	ADM-116	Boerema
*49246	CJS-10202-00	Physical Training III	3/4	\$60	5:00-7:00pm	MW	ADM-116	Boerema
*48484	CJS-10200-01	Physical Training I	3/4	\$60	7:00-9:00pm	MW	ADM-116	Boerema
*49247	CJS-10201-01	Physical Training II	3/4	\$60	7:00-9:00pm	MW	ADM-116	Boerema
*49245	CJS-10202-01	Physical Training III	3/4	\$60	7:00-9:00pm	MW	ADM-116	Boerema
*48490	CJS-10900-00	Intro to Corrections	3/3		6:00-9:00pm	M	ADM-136	Hinman
*48491	CJS-11000-00	Careers in Criminal Justice	1/1		5:30-6:30pm	R	ADM-135	Hinman
*48492	CJS-11100-00	Legal Issues in Corrections	3/3		6:00-9:00pm	R	ADM-136	Miller
*48493	CJS-11200-00	Client Growth & Development	3/3		6:00-9:00pm	T	INS-11	Bean
*48494	CJS-20800-00	Criminal Justice Internship	3/3		4:00-5:00pm	T	ADM-136	Bean
*49244	CJS-20802-00	Criminal Justice Internship	3/3		4:00-5:00pm	T	ADM-136	Bean
*49243	CJS-20803-00	Criminal Justice Internship	3/3		4:00-5:00pm	T	ADM-136	Bean
*48497	CJS-21100-00	Narcotics Investigation	3/3		12:00-3:00pm	W	ADM-135	Bean
*48499	CJS-26007-00	Corrections Academy (Dates TBA)	10/10		8:00-5:00pm	WR	Camp Gray	Hinman
*48500	CJS-26600-00	Police Academy (7/6 - 10/30)	21/42	\$1000	12:00-9:30pm	MTWR	ADM-133	Grace
					8:00-5:00pm	F	ADM-133	Grace
*48501	CJS-27000-00	Community Based Corrections	3/3		3:00-6:00pm	T	ADM-135	Hinman

ECONOMICS - CENTRAL CAMPUS - ROSCOMMON

*48629	ECO-20100-80	i Prin of Economics-MACRO	3/3	\$45	6:00-9:00pm	W	ADM-135	Grenkowicz
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HYBRID ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC E-mail. Contact Judith Grenkowicz, email grenkowj@kirtland.edu. NOTE: This course will be a combination of on-campus & online instruction.

EDUCATION - CENTRAL CAMPUS - ROSCOMMON

*48638	EDU-10000-00	Intro to Teaching (1 hour - TBA)	3/3		4:00-6:00pm	T	INS-108	Urbain
49255	EDU-24000-80	i Technology in Education	3/3	\$45	6:00-8:00pm	R	ADM-207	Socia

HYBRID ONLINE COURSE REQUIREMENTS: Online orientation (see page 41) & KCC Email. This course will be a combination of on-campus & online instruction. Lectures/demonstrations & computer labs will be on-campus. The final exam will be online. Many of the software applications used in the course will be available for student checkout. Direct questions to Jared Socia, email sociaj@kirtland.edu. Prerequisite: None

ELECTRICAL TECHNOLOGY - MTEC - GAYLORD

49468	ELT-10101-00M	Orientation to the Electrical Trade	.10/.16	\$11.88				
49470	ELT-10102-00M	Electrical Safety	.40/.63	\$47.50				
49471	ELT-10103-00M	Intro to Electrical Circuits	.30/.47	\$35.63				
49472	ELT-10104-00M	Electrical Theory	.30/.47	\$35.63				
49473	ELT-10105-00M	Intro to the NEC	.30/.47	\$35.63				
49474	ELT-10106-00M	Device Boxes	.40/.63	\$47.50				
49475	ELT-10107-00M	Hand Bending	.40/.63	\$47.50				

ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
49476	ELT-10108-00M	Raceways & Fittings	.80/1.25	\$95.00				
49477	ELT-10109-00M	Conductors & Cables	.40/.63	\$47.50				
49478	ELT-10110-00M	Basic Elec Construction Drawings	.30/.47	\$35.63				
49479	ELT-10111-00M	Residential Electric Services	.60/.94	\$71.25				
49480	ELT-10112-00M	Electrical Test Equipment	.20/.31	\$23.75				
49481	ELT-10202-00M	Alternating Current	.70/1.09	\$83.13				
49482	ELT-10203-00M	Motors: Theory & Application	.80/1.25	\$95.00				
49483	ELT-10204-00M	Electrical Lighting	.60/.94	\$71.25				
49484	ELT-10205-00M	Conduit Bending	.60/.94	\$71.25				
49485	ELT-10206-00M	Pull & Junction Boxes	.50/.78	\$59.38				
49486	ELT-10207-00M	Conductor Installations	.40/.63	\$47.50				
49487	ELT-10208-00M	Cable Tray	.30/.47	\$35.63				
49488	ELT-10209-00M	Conductor Terminations & Splices	.30/.47	\$35.63				
49490	ELT-10210-00M	Grounding & Bonding	.60/.94	\$71.25				
49491	ELT-10211-00M	Circuit Breakers & Fuses	.50/.78	\$59.38				
49492	ELT-10212-00M	Control Systems & Concepts	.50/.78	\$59.38				
49493	ELT-20303-00M	Load Calc - Branch & Feeder Circ	.70/1.09	\$83.13				
49494	ELT-20304-00M	Conductor Selection & Calc	.60/.94	\$71.25				
49495	ELT-20305-00M	Practical Appl of Lighting	.50/.78	\$59.38				
49496	ELT-20306-00M	Hazardous Locations	.60/.94	\$71.25				
49497	ELT-20307-00M	Overcurrent Protection	1/1.56	\$118.75				
49498	ELT-20308-00M	Distribution Equipment	.50/.78	\$59.38				
49499	ELT-20309-00M	Transformers	.50/.78	\$59.38				
49500	ELT-20310-00M	Commercial Electrical Services	.40/.63	\$47.50				
49501	ELT-20311-00M	Motor Calculations	.50/.78	\$59.38				
49502	ELT-20312-00M	Voice, Data and Video	.40/.63	\$47.50				
49503	ELT-20313-00M	Motor Controls	.50/.78	\$59.38				
49504	ELT-20404-00M	Load Calc - Feeder & Services	.80/1.25	\$95.00				
49505	ELT-20405-00M	Health Care Facilities	.40/.63	\$47.50				
49506	ELT-20406-00M	Standby & Emergency Systems	.40/.63	\$47.50				
49508	ELT-20407-00M	Basic Electronic Theory	.40/.63	\$47.50				
49509	ELT-20408-00M	Fire Alarm Systems	.60/.94	\$71.25				
49510	ELT-20409-00M	Specialty Transformers	.40/.63	\$47.50				
49511	ELT-20410-00M	Advanced Controls	.80/1.25	\$95.00				
49513	ELT-20411-00M	HVAC Controls	.60/.94	\$71.25				
49514	ELT-20412-00M	Heat Tracing & Freeze Protection	.40/.63	\$47.50				
49515	ELT-20413-00M	Motor Operation & Maint	.40/.63	\$47.50				
49516	ELT-20414-00M	Med Voltage Termination/Splices	.40/.63	\$47.50				
49517	ELT-20415-00M	Special Locations	.80/1.25	\$95.00				
40518	ELT-20416-00M	Intro Skills for the Crew Leader	.60/.94	\$71.25				

ENGINEERING DESIGN TECHNOLOGY - CENTRAL CAMPUS - ROSCOMMON

48631	EDT-10000-00	Engineering Graphics	3/3	\$10	12:00-1:30pm	MW	INS-9	Prout
48633	EDT-12000-00	3D Param Solids w/Solidworks	3/4	\$20	12:00-2:00pm	TR	INS-9	Prout
48635	EDT-15000-00	Quality Assurance Methods	3/3	\$10	3:00-6:00pm	W	INS-9	Prout
*48636	EDT-21000-00	Geometric Dim/Tolerance	3/3	\$10	3:00-6:00pm	R	INS-9	Prout

ENGINEERING DESIGN TECHNOLOGY - MTEC - GAYLORD

*48632	EDT-11000-00M	Detailing w/AutoCAD	3/4	\$20	5:00-9:00pm	M	MTEC-107 Harwood	
*48634	EDT-13000-00M	Fund of Master CAM	3/3	\$20	5:00-7:00pm	W	MTEC-107 Harwood	

(Add'l lecture dates: 8/26, 9/16, 10/14, 11/11, 12/9)

ENGLISH AS A SECOND LANGUAGE - CENTRAL CAMPUS - ROSCOMMON

*48743	ESL-01000-00	English as a 2nd Language/Beginning (3/3)			TBA			Jakobson
*48744	ESL-05000-00	English as a 2nd Language/Intermediate (3/3)			TBA			Jakobson
*48745	ESL-06000-00	English as a 2nd Language/High Intermediate (3/3)			TBA			Jakobson

KCC

FALL SCHEDULE

KCC

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ONLINE REQ#	COURSE-SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG-RM	INSTR
ENGLISH-DEVELOPMENTAL - CENTRAL CAMPUS - ROSCOMMON								
48615	DEV-08000-00	Essential Language Skills	3/3		Independent Study		INS-20	Jakobson
Note: Restricted enrollment. Registration in this course is by advisor/instructor permission and placement score only.								
48616	DEV-08601-00	Basic Reading Skills	3/3	\$10	10:00-11:30am	TR	ADM-110	TBA
*48617	DEV-08807-00	Writing Mechanics	2/2		1:30-2:30pm	TR	TBA	Thompson
48618	DEV-09000-00	Fund of English	3/3	\$10	8:30-10:00am	MW	ADM-111	Kearis
48620	DEV-09000-01	Fund of English	3/3	\$10	10:00-11:30am	MW	ADM-111	Kearis
48621	DEV-09000-02	Fund of English	3/3	\$10	8:30-10:00am	TR	ADM-111	TBA
48622	DEV-09000-03	Fund of English	3/3	\$10	1:30-3:00pm	TR	ADM-111	TBA
48624	DEV-09301-00	Study Skills	1/1.5		12:00-1:30pm	T	ADM-252	Schutte
48625	DEV-09601-00	College Reading Skills	3/3	\$15	12:00-1:30pm	MW	ADM-110	TBA
48627	DEV-09601-01	College Reading Skills	3/3	\$15	3:00-4:30pm	TR	ADM-110	TBA
48628	DEV-09601-02	College Reading Skills	3/3	\$15	6:00-9:00pm	R	ADM-110	TBA

ENGLISH-DEVELOPMENTAL - MTEC - GAYLORD

48619	DEV-09000-00M	Fund of English	3/3	\$10	2:00-5:00pm	M	MTEC-103	TBA
48626	DEV-09601-00M	College Reading Skills	3/3	\$15	5:00-8:00pm	M	MTEC-103	TBA

ENGLISH SUPPORT WORKSHOPS - CENTRAL CAMPUS - ROSCOMMON

	Improve Your Spelling (9/14 - 9/30)	0/2			12:00-1:00pm	MW	INS-16	Schutte
	Build Your Vocabulary (9/8 - 11/5)	0/2			11:00-12:00pm	TR	INS-16	Schutte

These workshops are NOT for college credit & are free to Kirtland students. No homework & no books to buy! To register or inquire, come to the Tutorial Center, INS-18; call 989-275-5000, ext. 211, or email jakobsonk@kirtland.edu. Other workshops are also offered in reading and taking college notes.

ENGLISH & LITERATURE - CENTRAL CAMPUS - ROSCOMMON

48691	ENG-10000-00	Writing Lab	1/2		9:00-10:00am	MW	ADM-134	Phillips
48693	ENG-10000-01	Writing Lab	1/2		10:00-11:00am	MW	ADM-134	Phillips
48694	ENG-10000-02	Writing Lab	1/2		12:00-1:00pm	MW	ADM-134	Phillips
48695	ENG-10000-03	Writing Lab	1/2		1:00-2:00pm	MW	ADM-134	Sura
48697	ENG-10000-05	Writing Lab	1/2		4:00-5:00pm	MW	ADM-134	A. Finke
48698	ENG-10000-06	Writing Lab	1/2		9:00-10:00am	TR	ADM-134	Phillips
48700	ENG-10000-08	Writing Lab	1/2		12:00-1:00pm	TR	ADM-134	Phillips
48701	ENG-10000-09	Writing Lab	1/2		1:00-2:00pm	TR	ADM-134	Lemmen
48702	ENG-10000-10	Writing Lab	1/2		3:00-5:00pm	R	ADM-134	A. Finke
48708	ENG-10000-60	i Writing Lab	1/2	\$45	Online Course			Meeks
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Anne Meeks, email meeksa@kirtland.edu.								
48709	ENG-10000-61	i Writing Lab	1/2	\$45	Online Course			Meeks
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Anne Meeks, email meeksa@kirtland.edu.								
48710	ENG-10000-62	i Writing Lab	1/2	\$45	Online Course			Lemmen
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Nancy Lemmen, email lemmenn@kirtland.edu.								
*49404	ENG-10303-00	English Comp I w/Computers	3/3	\$15	8:30-10:00am	MW	INS-3	Thompson
*48712	ENG-10303-01	English Comp I w/Computers	3/3	\$15	10:00-11:30am	MW	INS-3	TBA
*48713	ENG-10303-02	English Comp I w/Computers	3/3	\$15	1:30-3:00pm	MW	INS-3	Raymond
*48714	ENG-10303-03	English Comp I w/Computers	3/3	\$15	3:00-4:30pm	MW	INS-3	Raymond
*48715	ENG-10303-04	English Comp I w/Computers	3/3	\$15	8:30-10:00am	TR	INS-3	Sura
*48716	ENG-10303-05	English Comp I w/Computers	3/3	\$15	10:00-11:30am	TR	INS-3	Sura
*48717	ENG-10303-06	English Comp I w/Computers	3/3	\$15	12:00-1:30pm	TR	INS-3	Raymond
*48718	ENG-10303-07	English Comp I w/Computers	3/3	\$15	3:00-4:30pm	TR	INS-3	Raymond
*48719	ENG-10303-08	English Comp I w/Computers	3/3	\$15	6:00-9:00pm	R	INS-3	Schicker
*48725	ENG-10303-60	i English Comp I w/Computers	3/3	\$45	Online Course			Thompson
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Jon Thompson, email thompsoj@kirtland.edu.								
*48726	ENG-10303-61	i English Comp I w/Computers	3/3	\$45	Online Course			Thompson
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Jon Thompson, email thompsoj@kirtland.edu.								
*49452	ENG-10303-62	i English Comp I w/Computers	3/3	\$45	Online Course			Sura
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Heidi Sura, email surah@kirtland.edu.								
*48727	ENG-10403-00	i English Comp II w/Computers	3/3	\$15	1:30-3:00pm	MW	INS-5	Kearis

ONLINE REQ#	COURSE-SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG-RM	INSTR
*48729	ENG-10403-01	i English Comp II w/Computers	3/3	\$15	10:00-11:30am	TR	INS-5	Thompson
*48730	ENG-10403-02	i English Comp II w/Computers	3/3	\$15	1:30-3:00pm	TR	INS-5	Fields
*48731	ENG-10403-03	i English Comp II w/Computers	3/3	\$15	6:00-9:00pm	T	INS-5	Kearis
*48733	ENG-10403-60	i English Comp II w/Computers	3/3	\$45	Online Course			Thompson
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Jon Thompson, email thompsoj@kirtland.edu.								
*48734	ENG-10403-61	i English Comp II w/Computers	3/3	\$45	Online Course			Giacobazzi
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Fred Giacobazzi, email giacobaf@kirtland.edu.								
*49405	ENG-10602-60	i Technical Writing	3/3	\$45	Online Course			Giacobazzi
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Fred Giacobazzi, email giacobaf@kirtland.edu.								
*48735	ENG-12000-00	Journalism I	3/3		3:00-4:30pm	MW	ADM-207	Vizard
*49241	ENG-12100-00	Journalism II	3/3		3:00-4:30pm	MW	ADM-207	Vizard
*49240	ENG-12501-00	Journalism Practicum	1/1	\$15	Independent Study			Vizard
*49239	ENG-12502-00	Journalism Practicum	1/1	\$15	Independent Study			Vizard
*49238	ENG-12503-00	Journalism Practicum	1/1	\$15	Independent Study			Vizard
*48740	ENG-21500-00	Creative Writing	3/3		3:00-4:30pm	MW	ADM-111	Kearis
*49462	ENG-22800-90	i Mythology	3/3		10:00-11:30am	MW	ADM-136	Giacobazzi
WEB ENHANCED COURSE: Details on page 39.								
*48741	ENG-23000-90	i American Literature Before 1865	3/3		12:00-1:30pm	MW	ADM-204	Giacobazzi
WEB ENHANCED COURSE: Details on page 39.								

ENGLISH & LITERATURE - MTEC - GAYLORD

48692	ENG-10000-00M	Writing Lab	1/2		8:30-9:30am	TR	MTEC-103	
*48711	ENG-10303-00M	English Comp I w/Computers	3/3	\$15	10:00-11:30am	TR	MTEC-103	
*48728	ENG-10403-00M	English Comp II w/Computers	3/3	\$15	1:00-4:00pm	T	MTEC-103	

FIREFIGHTER TRAINING - CENTRAL CAMPUS - ROSCOMMON

49446	FFT-10500-00	Intro to Firefighting	3/3		3:00-6:00pm	T	ADM-206	TBA
49447	FFT-10600-00	Intro to Arson Investigation	3/3		6:00-9:00pm	T	ADM-136	Grace
49448	FFT-20500-00	Firefighter I	10/10	\$230	5:00-8:00pm	MW	INS-11	Grace
					10:00-2:00pm	Sat	TBA	Grace

GEOLOGY - CENTRAL CAMPUS - ROSCOMMON

48747	GEL-10500-00	Physical Geology	4/5	\$25	12:00-2:30pm	MW	INS-10	Hauser
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HEATING, VENTILATION, AIR CONDITIONING & REFRIGERATION (HVAC) - MTEC - GAYLORD

49528	HVC-10200-00M	Commercial Air Side Systems	.50/.78	\$59.38				
49529	HVC-10201-00M	Chimneys, Vents & Flues	.20/.31	\$23.75				
49530	HVC-10202-00M	Intro to Hydronic Systems	.40/.63	\$47.50				
49531	HVC-10203-00M	Air Quality Equipment	.20/.31	\$23.75				
49532	HVC-10204-00M	Leak Detection, Evacuation, Recovery & Charging	.80/1.25	\$95.00				
49533	HVC-10205-00M	Alternating Current	.30/.47	\$35.63				
49534	HVC-10206-00M	Basic Electronics	.20/.31	\$23.75				
49535	HVC-10207-00M	Intro to Control Circuit Troubleshooting	1.2/1.88	\$142.50				
49536	HVC-10208-00M	Troubleshooting Gas Heating	.50/.78	\$59.38				
49537	HVC-10209-00M	Troubleshooting Cooling	.80/1.25	\$95.00				
49538	HVC-10210-00M	Heat Pumps	.80/1.25	\$95.00				
49539	HVC-10211-00M	Basic Installation & Maintenance Practices	.70/1.09	\$83.13				
49540	HVC-10212-00M	Sheet Metal Duct Systems	.20/.31	\$23.75				
49542	HVC-10213-00M	Fiberglass/Flex Duct Systems	.20/.31	\$23.75				
49519	HVC-11000-00M	Intro to HVAC	.30/.47	\$35.63				
49520	HVC-11001-00M	Trade Mathematics	.40/.63	\$47.50				
49521	HVC-11002-00M	Copper & Plastic Piping Practices	.20/.31	\$23.75				
49522	HVC-11003-00M	Soldering & Brazing	.30/.47	\$35.63				
49523	HVC-11004-00M	Ferrous Metal Piping Practices	.20/.31	\$23.75				
49524	HVC-11005-00M	Basic Electricity	.50/.78	\$59.38				
49525	HVC-11006-00M	Intro to Cooling	1.2/1.88	\$142.50				
49526	HVC-11007-00M	Intro to Heating	.60/.94	\$71.25				
49527	HVC-11008-00M	Air Distribution Systems	.40/.63	\$47.50				
49543	HVC-20300-00M	Refrigerants & Oils	.40/.63	\$47.50				
49544	HVC-20301-00M	Compressors	.60/.94	\$71.25				

= Sat/Sun/Evening Classes

TBA=To be announced

*=Pre/corequisite-see college catalog

i=Internet account required-see pg 41

R=Thursday

KCC

FALL SCHEDULE

KCC

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ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
49545	HVC-20302-00M	Metering Devices	.30/.47	\$35.63				
49546	HVC-20303-00M	Retail Refrigeration	.80/1.25	\$95.00				
49547	HVC-20304-00M	Commercial Hydronic Systems	.50/.78	\$59.38				
49548	HVC-20305-00M	Steam Systems	.40/.63	\$47.50				
49549	HVC-20306-00M	Planned Maintenance	.80/1.25	\$95.00				
49550	HVC-20307-00M	Water Treatment	.40/.63	\$47.50				
49551	HVC-20308-00M	Troubleshooting Elect Controls	.30/.47	\$35.63				
49552	HVC-20309-00M	Troubleshooting Oil Heating	.40/.63	\$47.50				
49553	HVC-20310-00M	Troubleshooting Heat Pumps	.50/.78	\$59.38				
49554	HVC-20311-00M	Troubleshooting Accessories	.40/.63	\$47.50				
49555	HVC-20400-00M	Construction Drawings & Specs	1.0/1.56	\$118.75				
49556	HVC-20401-00M	Air Properties & Air System Balancing	.80/1.25	\$95.00				
49557	HVC-20402-00M	Indoor Air Quality	.60/.94	\$71.25				
49564	HVC-20403-00M	Energy Conservation Equipment	.40/.63	\$47.50				
49558	HVC-20404-00M	Building Management Systems	.70/1.09	\$83.13				
49559	HVC-20405-00M	System Start-Up & Shut-Down	.90/1.41	\$106.88				
49560	HVC-20406-00M	Heating & Cooling System Design	1/1.56	\$118.75				
49561	HVC-20407-00M	Commercial & Industrial Refrig	.90/1.41	\$106.88				
49562	HVC-20408-00M	Alternative Heating & Cooling Equipment	.40/.63	\$47.50				
49563	HVC-20409-00M	Intro to Supervisory Skills	.50/.78	\$59.38				

HISTORY - CENTRAL CAMPUS - ROSCOMMON

*48748	HIS-10500-00	Hist of World Societies to 1500	3/3		12:00-3:00pm	R	ADM-204	Thiel
*48749	HIS-20100-00	US History to 1865	3/3		1:30-3:00pm	MW	ADM-204	Thiel
*49407	HIS-20100-60	i US History to 1865	3/3	\$45	Online Course			Thiel
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to John Thiel, email thielj@kirtland.edu.								
*48752	HIS-20300-00	Michigan History	3/3		6:00-9:00pm	M	ADM-204	Thiel

HONORS - CENTRAL CAMPUS - ROSCOMMON & MTEC - GAYLORD - Honors Program students may take selected regular Kirtland courses for honors credit by electing the honors option. See page 40 of this schedule for details and a list of available courses.

INDUSTRIAL MAINTENANCE - MTEC - GAYLORD

48795	IND-10202-00M	Electrical Safety	.50/.78	\$37.50				
48796	IND-10203-00M	Hand Bending	.30/.47	\$22.50				
48797	IND-10204-00M	Fasteners and Anchors	.20/.31	\$15.00				
48798	IND-10205-00M	Electrical Theory One	.30/.47	\$22.50				
48799	IND-10206-00M	Electrical Theory Two	.30/.47	\$22.50				
48800	IND-10207-00M	Electrical Test Equipment	.30/.47	\$22.50				
48801	IND-10208-00M	Introduction to the NEC	.10/.16	\$7.50				
48802	IND-10209-00M	Conductors	.60/.94	\$45.00				
48803	IND-10210-00M	Intro to Electrical Blueprints	.30/.47	\$22.50				
48804	IND-10211-00M	Oxyfuel Cutting	.70/1.09	\$52.50				
48805	IND-10212-00M	Wiring: Commercial & Industrial	.30/.47	\$22.50				
48806	IND-10213-00M	Alternating Current	.60/.94	\$45.00				
48807	IND-10214-00M	Motors: Theory and Application	.80/1.25	\$60.00				
48808	IND-10215-00M	Grounding	.50/.78	\$37.50				
48809	IND-10216-00M	Boxes and Fittings	.40/.63	\$30.00				
48810	IND-10217-00M	Cable Tray	.60/.94	\$45.00				
48811	IND-10218-00M	Conductor Terminations & Splices	.30/.47	\$22.50				
48812	IND-10219-00M	Installation of Electrical Services	.60/.94	\$45.00				
48813	IND-10220-00M	Circuit Breakers and Fuses	.50/.78	\$37.50				
48814	IND-10221-00M	Contactors and Relays	.40/.63	\$30.00				
48815	IND-10222-00M	Lubrication	.80/1.25	\$60.00				
48816	IND-10223-00M	Intro to Bearings	.60/.94	\$45.00				
48817	IND-10224-00M	Copper & Plastic Piping Practices	.20/.31	\$15.00				
48818	IND-10225-00M	Ferrous Metal Piping Practices	.20/.31	\$15.00				
48819	IND-10226-00M	Piping Systems	.20/.31	\$15.00				
48820	IND-10227-00M	SMAW Equipment and Setup	.20/.31	\$15.00				
48821	IND-20228-00M	Overcurrent Protection	.50/.78	\$37.50				
48822	IND-20229-00M	Distribution Equipment	.50/.78	\$37.50				
48823	IND-20230-00M	Motor Controls	.80/1.25	\$60.00				
48824	IND-20231-00M	Motor Maintenance, Part One	.50/.78	\$37.50				

ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
48825	IND-20232-00M	Motor Maintenance, Part Two	.50/.78	\$37.50				
48826	IND-20233-00M	Installing Couplings	.60/.94	\$45.00				
48827	IND-20234-00M	Installing Mechanical Seals	.80/1.25	\$60.00				
48828	IND-20235-00M	Installing Belt and Chain Drives	.40/.63	\$30.00				
48829	IND-20236-00M	Installing Bearings	.80/1.25	\$60.00				
48830	IND-20237-00M	Gaskets and Packing	.30/.47	\$22.50				
48831	IND-20238-00M	Installing Seals	.20/.31	\$15.00				
48832	IND-20239-00M	Pumps	.80/1.25	\$60.00				
48833	IND-20240-00M	Basic Hydraulic Systems	.40/.63	\$30.00				
48834	IND-20241-00M	Basic Pneumatic Systems	.60/.94	\$45.00				
48835	IND-20243-00M	Practical Applications of Lighting	.40/.63	\$30.00				
48836	IND-20244-00M	Standby and Emergency Systems	.50/.78	\$37.50				
48837	IND-20245-00M	Advanced Controls	.80/1.25	\$60.00				
48838	IND-20246-00M	Commercial & Industrial Refrig	.90/1.41	\$67.50				
48839	IND-20247-00M	Electricity in HVAC Systems	.80/1.25	\$60.00				
48840	IND-20248-00M	HVAC Controls	.60/.94	\$45.00				
48841	IND-20249-00M	Conventional Alignment	1.20/1.88	\$90.00				
48842	IND-20250-00M	Maintaining Valves	.40/.63	\$30.00				
48843	IND-20251-00M	Identifying and Installing Valves	.80/1.25	\$60.00				
48844	IND-20252-00M	Steam Traps	.40/.63	\$30.00				
48845	IND-20253-00M	Steam Systems	.60/.94	\$45.00				
48846	IND-20254-00M	Programmable Logic Controllers	.30/.47	\$22.50				
48847	IND-20255-00M	High Voltage Terminations/Splices	.40/.63	\$30.00				
48848	IND-20256-00M	Vibration Anal, Heating/Cooling	.20/.31	\$15.00				
48849	IND-20258-00M	Preventative & Predictive Maint	.40/.63	\$30.00				
48850	IND-20259-00M	Performing Reverse Alignment	1.20/1.88	\$90.00				
48851	IND-20260-00M	Performing Laser Alignment	1.0/1.56	\$75.00				
48852	IND-20261-00M	Troubleshoot/Rep Pneu Equip	.40/.63	\$30.00				
48853	IND-20262-00M	Troubleshoot/Rep Pumps	.40/.63	\$30.00				
48854	IND-20263-00M	Troubleshoot/Rep Hydraul Equip	.40/.63	\$30.00				
48855	IND-20264-00M	Troubleshoot/Repair Gearboxes	.80/1.25	\$60.00				
48856	IND-20265-00M	Programmable Logic Controllers	1.20/1.88	\$90.00				
48857	IND-20266-00M	Instrument Drawing/Documents	.40/.63	\$30.00				
48858	IND-20267-00M	Flow/Pressure/Level/Temperature	.40/.63	\$30.00				
48859	IND-20268-00M	Process Control Theory	.70/1.09	\$52.50				
48860	IND-20269-00M	Precision Measuring Tools	1.0/1.56	\$75.00				
48861	IND-20270-00M	Forklifts (Optional)	.40/.63	\$30.00				
48862	IND-20271-00M	Fiber Optics (Optional)	.80/1.25	\$60.00				

LANGUAGES - CENTRAL CAMPUS - ROSCOMMON

48746	FRE-11000-00	French I	4/4	\$20	6:00-8:00pm	TR	INS-16	Thiel
48305	SGN-11000-00	American Sign Lang I	4/4	\$20	10:00-12:00pm	TR	ADM-252	Dawe
48335	SGN-11000-01	American Sign Lang I	4/4	\$20	3:00-5:00pm	TR	ADM-252	Dawe
*49234	SGN-13000-00	American Sign Lang III	4/4	\$45	6:00-8:00pm	TR	ADM-252	Dawe
48286	SPN-11000-00	Spanish I	4/4	\$20	3:00-5:00pm	TR	INS-5	Lehman

MANUFACTURING PROCESSES TECHNOLOGY - CENTRAL CAMPUS - ROSCOMMON - Beginning MPT courses have been reorganized so students can register for individual components, many of which can be completed in one to two weeks. Students must meet with the instructor and complete a contract on the first night of class. Students not completing a contract will be dropped from FLEX courses. Manufacturing lab will be available to students Monday and Wednesday afternoons, 3:00-6:00pm. For more details contact Don Dyer, 989-275-5000 ext. 231 or Kerry Harwood 989-705-3695 .

48874	MPT-10272-00F	Machine Tool Safety	.17/.25	\$8.00				
48876	MPT-10273-00F	Identifying Surface Finishes	.08/.13	\$4.00				
48878	MPT-10274-00F	Shop Math - Speeds & Feeds	.21/.31	\$10.00				
48880	MPT-10275-00F	Sharpening Drill Bits	.25/.38	\$12.00				
48882	MPT-10276-00F	Drilling on a Press	.17/.25	\$8.00				
48884	MPT-10277-00F	Power Tap on the Drill Press	.25/.38	\$12.00				
48886	MPT-10278-00F	Drill Press Project	.58/.88	\$28.00				
48888	MPT-10279-00F	Band Saw Blade Welding	.25/.38	\$12.00				
48890	MPT-10280-00F	Vertical Band Saw Project	.25/.38	\$12.00				
48892	MPT-10281-00F	Maintaining the Lathe	.17/.25	\$8.00				
48894	MPT-10282-00F	Grinding Lathe Tools	.25/.38	\$12.00				
48896	MPT-10283-00F	Facing on the Lathe	.21/.31	\$10.00				

ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
48898	MPT-10284-00F	Aligning Lathe Centers	.17/.25	\$8.00				
48900	MPT-10285-00F	Cutting External Threads	.50/.75	\$24.00				
48902	MPT-10286-00F	Dial in Vice/Tram in Head	.21/.31	\$10.00				
48904	MPT-10287-00F	Fly Cut/End Mill/Square Block	.21/.31	\$10.00				
48906	MPT-10288-00F	Digital Read/Drill, Tap & Ream	.25/.38	\$12.00				
48908	MPT-10289-00F	Parallel Turning on the Lathe	.21/.31	\$10.00				
48910	MPT-10290-00F	Groove & Part on the Lathe	.13/.19	\$6.00				
48912	MPT-10291-00F	Cutting Internal Threads	.42/.63	\$20.00				
48914	MPT-10292-00F	Knurling on the Lathe	.13/.19	\$6.00				
48916	MPT-10293-00F	Sharpen End Mills (End)	1.0/1.5	\$48.00				
48918	MPT-10295-00F	Tilt Head & Turn Vise/Cut "V"	.50/.75	\$24.00				
48920	MPT-10296-00F	Turntable/Cut RADII	.33/.5	\$16.00				
48922	MPT-10297-00F	Sine Plate/Cut Angles	.33/.5	\$16.00				
48924	MPT-10298-00F	Boring Head/Bore 4 Holes	.33/.5	\$16.00				
48926	MPT-10299-00F	Indexing Head/Key Ways	.17/.25	\$8.00				
48928	MPT-10302-00F	Square & Block (6 sides)	.25/.38	\$12.00				
48930	MPT-10303-00F	Grind Angles and RADII	.50/.75	\$24.00				
48932	MPT-10304-00F	Parallel Grind to Print	1.0/1.5	\$48.00				
48934	MPT-10305-00F	External/Internal Tapers	.50/.75	\$24.00				
48936	MPT-10306-00F	CNC Fundamentals	.83/1.25	\$40.00				
48938	MPT-10307-00F	Geom Dimen & Tolerancing	.33/.5	\$16.00				
48940	MPT-10308-00F	Micrometer	.13/.19	\$6.00				
48942	MPT-10309-00F	Calipers: Dig, Vern, Dial	.17/.25	\$8.00				
48944	MPT-10310-00F	Telescoping Gauge	.13/.19	\$6.00				
48946	MPT-10311-00F	Depth Micrometer	.13/.19	\$6.00				
48948	MPT-10312-00F	Dial Indicators	.13/.19	\$6.00				
48950	MPT-10313-00F	Gauge Blocks	.13/.19	\$6.00				
48952	MPT-10314-00F	Machine Shop Trigonometry	.67/1.0	\$32.00				
48954	MPT-10315-00F	Height Gauge	.17/.25	\$8.00				
48956	MPT-10316-00F	Sine Bar	.17/.25	\$8.00				
48961	MPT-20319-00F	Property of Metals	.13/.19	\$6.00				
48963	MPT-20320-00F	Constitution of Alloys	.17/.25	\$8.00				
48965	MPT-20321-00F	Carbon & Alloy Steels	.13/.19	\$6.00				
48967	MPT-20322-00F	Heat/Surface Treat for Steel	.13/.19	\$6.00				
48969	MPT-20323-00F	Cast Irons	.13/.19	\$6.00				
48971	MPT-20324-00F	Light Metals & Alloys	.13/.19	\$6.00				
48973	MPT-20325-00F	Lead, Tin & Zinc	.13/.19	\$6.00				
48975	MPT-20326-00F	Intro to Metallurgy	.46/.69	\$22.00				
48977	MPT-20327-00F	Exam/Identify Metals	.13/.19	\$6.00				
48979	MPT-20328-00F	Fund of Weld/Brazing/Casting	.13/.19	\$6.00				
48981	MPT-20329-00F	Fund of Weld Stainless Steel	.13/.19	\$6.00				
48983	MPT-20330-00F	Testing Metals	.42/.63	\$20.00				
48985	MPT-20331-00F	Machinery Handbook	.17/.25	\$8.00				
48987	MPT-20332-00F	Machine Tool Blueprint Reading	.83/1.25	\$40.00				
48989	MPT-20333-00F	Basic Shop Math	.67/1.0	\$32.00				
48991	MPT-20334-00F	Machine Tool Math	.75/1.23	\$36.00				
48993	MPT-20335-00F	Machinist Scale	.08/.13	\$4.00				
48995	MPT-20336-00F	Dividers	.08/.13	\$4.00				
48997	MPT-20337-00F	Spring Calipers	.08/.13	\$4.00				
48999	MPT-20338-00F	Combination Square	.08/.13	\$4.00				
49001	MPT-20339-00F	Legged Calipers (Hermaphrodite)	.08/.13	\$4.00				
49003	MPT-20340-00F	Surface Gauge	.08/.13	\$4.00				
49005	MPT-20366-00F	EDM Fundamentals	.29/.44	\$14.00				
49007	MPT-20367-00F	EDM Project	.50/.75	\$24.00				
49009	MPT-20368-00F	Universal Indexing Head	.50/.75	\$24.00				
49011	MPT-20370-00F	CNC Milling	1.67/2.5	\$80.00				
49012	MPT-20371-00F	Precision Vice	2.08/3.13	\$100.00				
49014	MPT-20372-00F	1-2-3 Blocks	1.0/1.5	\$48.00				
49016	MPT-20373-00F	Tool Makers V-Blocks	1.67/2.5	\$80.00				
49018	MPT-20374-00F	Transformation of Am Ind #1	.33/.50	\$16.00				
49020	MPT-20375-00F	Deming on Qual/Product #2	.33/.50	\$16.00				

ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
49022	MPT-20376-00F	Model Qual/Productivity #3	.33/.50	\$16.00				
49024	MPT-20377-00F	Project Selection #4	.33/.50	\$16.00				
49026	MPT-20378-00F	Data Gathering & Prob Solv #5	.33/.50	\$16.00				
49028	MPT-20379-00F	Data Analysis & Interpret #6	.33/.50	\$16.00				
49030	MPT-20380-00F	Control X-Bar & R-Charts #7	.33/.50	\$16.00				
49032	MPT-20381-00F	Process Capability #8	.33/.50	\$16.00				
49034	MPT-20382-00F	Median & Individual Charts #9	.33/.50	\$16.00				
49036	MPT-20383-00F	Attribute Charts #10	.33/.50	\$16.00				
49038	MPT-20384-00F	Project Evaluation #11	.33/.50	\$16.00				
49040	MPT-20385-00F	Cont Improve Strategies #12	.33/.50	\$16.00				
49042	MPT-20386-00F	Reaming on the Drill Press	.13/.19	\$6.00				
49044	MPT-20387-00F	Counterbore/Sink, Spot-Face	.21/.31	\$10.00				
49046	MPT-20388-00F	Hand Tap on the Drill Press	.21/.31	\$10.00				
49048	MPT-20389-00F	Boring Internal Tapers	.67/1.0	\$32.00				
49050	MPT-20390-00F	Lathe Project	1.25/1.88	\$60.00				
49052	MPT-20391-00F	Horizontal Milling/Saw Slot	.17/.25	\$8.00				
49053	MPT-20392-00F	5C Collet Holders/Cut Sq/Hex	.33/.50	\$16.00				
49055	MPT-20393-00F	Make Dove Tails	.67/1.0	\$32.00				
49057	MPT-20394-00F	Mill Project	1.25/1.88	\$60.00				
49059	MPT-20395-00F	Complete Two Projects to Print	1.58/2.38	\$76.00				
49061	MPT-20397-00F	Sine Bar Project	.83/1.25	\$40.00				
49063	MPT-20398-00F	CNC Advanced Programming	2.08/3.13	\$100.00				

MANUFACTURING PROCESSES TECHNOLOGY - MTEC - GAYLORD

48875	MPT-10272-00M	Machine Tool Safety	.17/.25	\$8.00				
48877	MPT-10273-00M	Identifying Surface Finishes	.08/.13	\$4.00				
48879	MPT-10274-00M	Shop Math - Speeds and Feeds	.21/.31	\$10.00				
48881	MPT-10275-00M	Sharpening Drill Bits	.25/.38	\$12.00				
48883	MPT-10276-00M	Drilling on a Press	.17/.25	\$8.00				
48885	MPT-10277-00M	Power Tap on the Drill Press	.25/.38	\$12.00				
48887	MPT-10278-00M	Drill Press Project	.58/.88	\$28.00				
48889	MPT-10279-00M	Band Saw Blade Welding	.25/.38	\$12.00				
48891	MPT-10280-00M	Vertical Band Saw Project	.25/.38	\$12.00				
48893	MPT-10281-00M	Maintaining the Lathe	.17/.25	\$8.00				
48895	MPT-10282-00M	Grinding Lathe Tools	.25/.38	\$12.00				
48897	MPT-10283-00M	Facing on the Lathe	.21/.31	\$10.00				
48899	MPT-10284-00M	Aligning Lathe Centers	.17/.25	\$8.00				
48901	MPT-10285-00M	Cutting External Threads	.50/.75	\$24.00				
48903	MPT-10286-00M	Dial in Vise/Tram in Head	.21/.31	\$10.00				
48905	MPT-10287-00M	Fly Cutter/ End Mill/Square Block	.21/.31	\$10.00				
48907	MPT-10288-00M	Digital Read/Drill, Tap, & Ream	.25/.38	\$12.00				
48909	MPT-10289-00M	Parallel Turning on the Lathe	.21/.31	\$10.00				
48911	MPT-10290-00M	Groove & Part on the Lathe	.13/.19	\$6.00				
48913	MPT-10291-00M	Cutting Internal Threads	.42/.63	\$20.00				
48915	MPT-10292-00M	Knurling on the Lathe	.13/.19	\$6.00				
48917	MPT-10293-00M	Sharpen End Mills (End)	1.0/1.5	\$48.00				
48919	MPT-10295-00M	Tilt Head and Turn Vise/Cut "V"	.50/.75	\$24.00				
48921	MPT-10296-00M	Turntable/Cut Radii	.33/.50	\$16.00				
48923	MPT-10297-00M	Sine Plate/Cut Angles	.33/.50	\$16.00				
48925	MPT-10298-00M	Boring Head/Bore 4 Holes	.33/.50	\$16.00				
48927	MPT-10299-00M	Indexing Head/Key Ways	.17/.25	\$8.00				
48929	MPT-10302-00M	Square and Block (6 Sides)	.25/.38	\$12.00				
48931	MPT-10303-00M	Grind Angles and Radii	.50/.75	\$24.00				
48933	MPT-10304-00M	Parallel Grind to Print	1.0/1.5	\$48.00				
48935	MPT-10305-00M	External/Internal Tapers	.50/.75	\$24.00				
48937	MPT-10306-00M	CNC Fundamentals	.83/1.25	\$40.00				
48939	MPT-10307-00M	Geom Dimensioning/Tolerancing	.33/.50	\$16.00				
48941	MPT-10308-00M	Micrometer	.13/.19	\$6.00				
48943	MPT-10309-00M	Calipers: Digital, Vernier, Dial	.17/.25	\$8.00				
48945	MPT-10310-00M	Telescoping Gauge	.13/.19	\$6.00				
48947	MPT-10311-00M	Depth Micrometer	.13/.19	\$6.00				
48949	MPT-10312-00M	Dial Indicators	.13/.19	\$6.00				
48951	MPT-10313-00M	Gauge Blocks	.13/.19	\$6.00				

KCC

FALL SCHEDULE

KCC

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= Sat/Sun/Evening Classes

TBA=To be announced

*=Pre/corequisite-see college catalog

i=Internet account required-see pg 41

R=Thursday

ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
48953	MPT-10314-00M	Machine Shop Trigonometry	.67/1.0	\$32.00				
48955	MPT-10315-00M	Height Gauge	.17/.25	\$8.00				
48957	MPT-10316-00M	Sine Bar	.17/.25	\$8.00				
48958	MPT-10364-00M	Cut Radius and External Tapers	.50/.75	\$24.00				
48959	MPT-10408-00M	Math for Dividing Head	.17/.25	\$8.00				
48960	MPT-10409-00M	Dividing Head/Cut Gear	.42/.63	\$20.00				
48962	MPT-20319-00M	Prop of Metals/Phys Metallurgy	.13/.19	\$6.00				
48964	MPT-20320-00M	Constitution of Alloys	.17/.25	\$8.00				
48966	MPT-20321-00M	Carbon & Alloy Steels	.13/.19	\$6.00				
48968	MPT-20322-00M	Heat and Surface Treat for Steel	.13/.19	\$6.00				
48970	MPT-20323-00M	Cast Irons	.13/.19	\$6.00				
48972	MPT-20324-00M	Light Metals and Alloys	.13/.19	\$6.00				
48974	MPT-20325-00M	Lead, Tin and Zinc	.13/.19	\$6.00				
48976	MPT-20326-00M	Introduction to Metallurgy	.46/.69	\$22.00				
48978	MPT-20327-00M	Examining and Identifying Metals	.13/.19	\$6.00				
48980	MPT-20328-00M	Fund of Welding/Brazing/Casting	.13/.19	\$6.00				
48982	MPT-20329-00M	Fund of Welding Stainless Steel	.13/.19	\$6.00				
48984	MPT-20330-00M	Testing Metals	.42/.63	\$20.00				
48986	MPT-20331-00M	Machinery Handbook	.17/.25	\$8.00				
48988	MPT-20332-00M	Machine Tool Blueprint Reading	.83/1.25	\$40.00				
48990	MPT-20333-00M	Basic Shop Math	.67/1.0	\$32.00				
48992	MPT-20334-00M	Machine Tool Math	.75/1.13	\$36.00				
48994	MPT-20335-00M	Machinist Scale	.08/.13	\$4.00				
48996	MPT-20336-00M	Dividers	.08/.13	\$4.00				
48998	MPT-20337-00M	Spring Calipers	.08/.13	\$4.00				
49000	MPT-20338-00M	Combination Square	.08/.13	\$4.00				
49002	MPT-20339-00M	Legged Calipers (Hermaphrodite)	.08/.13	\$4.00				
49004	MPT-20340-00M	Surface Gauge	.08/.13	\$4.00				
49006	MPT-20366-00M	EDM Fundamentals	.29/.44	\$14.00				
49008	MPT-20367-00M	EDM Project	.50/.75	\$24.00				
49010	MPT-20368-00M	Universal Indexing Head	.50/.75	\$24.00				
49013	MPT-20371-00M	Precision Vise	2.08/3.13	\$100.00				
49015	MPT-20372-00M	1-2-3 Blocks	1.0/1.5	\$48.00				
49017	MPT-20373-00M	Tool Makers V-Blocks	1.67/2.5	\$80.00				
49019	MPT-20374-00M	Transformation of Am Industry #1	.33/.50	\$16.00				
49021	MPT-20375-00M	Deming on Quality & Product #2	.33/.50	\$16.00				
49023	MPT-20376-00M	Model Qual/Product Improve #3	.33/.50	\$16.00				
49025	MPT-20377-00M	Project Selection #4	.33/.50	\$16.00				
49027	MPT-20378-00M	Data Gathering & Prob Solving #5	.33/.50	\$16.00				
49029	MPT-20379-00M	Data Analysis/Interpretation #6	.33/.50	\$16.00				
49031	MPT-20380-00M	Proc Cntl - X-Bar and R-Charts #7	.33/.50	\$16.00				
49033	MPT-20381-00M	Process Capability #8	.33/.50	\$16.00				
49035	MPT-20382-00M	Median and Individual Charts #9	.33/.50	\$16.00				
49037	MPT-20383-00M	Attribute Charts #10	.33/.50	\$16.00				
49039	MPT-20384-00M	Project Evaluation #11	.33/.50	\$16.00				
49041	MPT-20385-00M	Cont Improvement Strategies #12	.33/.50	\$16.00				
49043	MPT-20386-00M	Reaming on the Drill Press	.13/.19	\$6.00				
49045	MPT-20387-00M	Counterbore/Sink, Spot-Face	.21/.31	\$10.00				
49047	MPT-20388-00M	Hand Tap on the Drill Press	.21/.31	\$10.00				
49049	MPT-20389-00M	Boring Internal Tapers	.67/1.0	\$32.00				
49051	MPT-20390-00M	Lathe Project	1.25/1.88	\$60.00				
49054	MPT-20392-00M	5C Collet Holders/Cut Sq/Hex	.33/.50	\$16.00				
49056	MPT-20393-00M	Make Dove Tails	.67/1.0	\$32.00				
49058	MPT-20394-00M	Mill Project	1.25/1.88	\$60.00				
49060	MPT-20395-00M	Complete Two Projects to Print	1.58/2.38	\$76.00				
49062	MPT-20397-00M	Sine Bar Project	.83/1.25	\$40.00				
49064	MPT-20398-00M	CNC Advanced Programming	2.08/3.13	\$100.00				

ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
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MATHEMATICS - CENTRAL CAMPUS - ROSCOMMON

+48579	DEV-06300-00	Basic Mathematics	4/4	\$6	8:00-10:00am	MW	INS-16	Doran
+48581	DEV-06300-01	Basic Mathematics	4/4	\$6	3:00-5:00pm	MW	INS-16	Romancky
+48582	DEV-06300-02	Basic Mathematics	4/4	\$6	6:00-8:00pm	MW	INS-16	Murray
+48583	DEV-06300-03	Basic Mathematics	4/4	\$6	12:00-2:00pm	TR	INS-16	Lange
+48584	DEV-06300-04	Basic Mathematics	4/4	\$6	3:00-5:00pm	TR	INS-16	Lange

+NOTE: All testing for DEV-06300 will be done in the the Testing Center located in the Administration Center. Students should allow for one additional hour per week for testing.

*48587	DEV-07300-00	Basic Algebra	4/4	\$6	10:00-12:00pm	MW	INS-1	Romancky
*48589	DEV-07300-01	Basic Algebra	4/4	\$6	12:00-2:00pm	MW	INS-1	Baughn
*48590	DEV-07300-02	Basic Algebra	4/4	\$6	3:00-5:00pm	MW	INS-1	Holton
*48591	DEV-07300-03	Basic Algebra	4/4	\$6	6:00-8:00pm	MW	INS-1	Mulka
*48592	DEV-07300-04	Basic Algebra	4/4	\$6	10:00-12:00pm	TR	INS-1	Baughn
*48593	DEV-07300-05	Basic Algebra	4/4	\$6	12:00-2:00pm	TR	INS-1	Rickard
*48599	DEV-07300-60	i Basic Algebra	4/4	\$45	Online Course			Utecht

ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email.

Direct questions to Dani Utecht, email utechtd@kirtland.edu. (Students must sign up for corresponding lab DEV-07400-60)

*49409	DEV-07300-61	i Basic Algebra	4/4	\$45	Online Course			Korman
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ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email.

Direct questions to Dan Korman, email kormand@kirtland.edu. (Students must sign up for corresponding lab DEV-07400-61)

*48600	DEV-07400-00	Basic Algebra Lab	1/1	\$6	9:00-10:00am	M	INS-15	Holton
*48602	DEV-07400-01	Basic Algebra Lab	1/1	\$6	9:00-10:00am	W	INS-15	Romancky
*48603	DEV-07400-02	Basic Algebra Lab	1/1	\$6	2:00-3:00pm	M	INS-1	Romancky
*48604	DEV-07400-03	Basic Algebra Lab	1/1	\$6	5:00-6:00pm	M	INS-1	Mulka
*48605	DEV-07400-04	Basic Algebra Lab	1/1	\$6	9:00-10:00am	T	INS-16	Romancky
*48606	DEV-07400-05	Basic Algebra Lab	1/1	\$6	9:00-10:00am	R	INS-16	Rickard
*48607	DEV-07400-06	Basic Algebra Lab	1/1	\$6	2:00-3:00pm	T	INS-16	Baughn
*48614	DEV-07400-60	i Basic Algebra Lab	1/1	\$45	Online Course			Utecht

ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email.

Direct questions to Dani Utecht, email utechtd@kirtland.edu. (Students must sign up for corresponding lecture DEV-07300-60)

*49410	DEV-07400-61	i Basic Algebra Lab	1/1	\$45	Online Course			Korman
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ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email.

Direct questions to Dan Korman, email kormand@kirtland.edu. (Students must sign up for corresponding lecture DEV-07300-61)

*49065	MTH-11700-00	Math for Elementary Teachers I	3/3		6:00-9:00pm	T	INS-15	Kauffman
*49066	MTH-12000-00	Intermediate Algebra	4/4		8:00-10:00am	MW	ADM-105	Baughn
*49463	MTH-12000-90	i Intermediate Algebra	4/4		10:00-12:00pm	MW	ADM-105	Mace
*49069	MTH-12000-02	Intermediate Algebra	4/4		12:00-2:00pm	MW	ADM-105	Holton
*49070	MTH-12000-03	Intermediate Algebra	4/4		3:00-5:00pm	MW	ADM-105	Baughn
*49071	MTH-12000-04	Intermediate Algebra	4/4		12:00-2:00pm	TR	INS-108	Romancky
*49072	MTH-12000-05	Intermediate Algebra	4/4		6:00-8:00pm	TR	ADM-105	Scheer
*49075	MTH-12000-60	i Intermediate Algebra	4/4	\$45	Online Course			Mace

ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email.

Direct questions to Doug Mace, email maced@kirtland.edu.

*49076	MTH-12000-61	i Intermediate Algebra	4/4	\$45	Online Course			Mace
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ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email.

Contact Doug Mace, email maced@kirtland.edu.

*49077	MTH-13000-00	College Algebra	4/4		12:00-2:00pm	TR	ADM-105	Holton
*49078	MTH-14000-00	Trigonometry	3/3		10:00-11:30am	TR	ADM-105	Holton
*49411	MTH-20600-90	i Application in Statistics	4/4		10:00-12:00pm	TR	INS-15	Mace
*49412	MTH-22002-90	i Calculus I	4/4		1:00-3:00pm	TR	ADM-135	Mace
*49082	MTH-22202-00	Calculus III	4/4		8:00-10:00am	TR	INS-15	Mace

MATHEMATICS - MTEC - GAYLORD

48580	DEV-06300-00M	Basic Mathematics	4/4	\$6	12:00-2:00pm	MW	MTEC-103	Phelps
*48588	DEV-07300-00M	Basic Algebra	4/4	\$6	3:00-5:00pm	TR	MTEC-105	Neigh
*48601	DEV-07400-00M	Basic Algebra Lab	1/1	\$6	2:00-3:00pm	T	MTEC-105	Neigh
*49067	MTH-12000-00M	Intermediate Algebra	4/4		6:00-8:00pm	TR	MTEC-105	Neigh

KCC

FALL SCHEDULE

KCC

33

ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
MUSIC - CENTRAL CAMPUS - ROSCOMMON								
*49413	MUS-10100-60	i Music History & Apprec	3/3	\$45	Online Course			Peterson
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Candy Peterson, email petersca@kirtland.edu.								
49084	MUS-10802-00	Contemporary Acoustic Guitar I	2/2	\$10	6:00-8:00pm	T	ADM-135	Peterson
*49250	MUS-10901-00	Contemporary Acoustic Guitar II	2/2	\$10	6:00-8:00pm	T	ADM-135	Peterson
49086	MUS-11500-00	Beginning Voice	3/3	\$15	6:00-9:00pm	M	STU-Lab	Peterson
*49249	MUS-27503-00	Intermediate Voice	3/3	\$15	6:00-9:00pm	M	STU-Lab	Peterson
NURSING - CENTRAL CAMPUS - ROSCOMMON - Restricted Admission - Contact Health Careers Office for details.								
*49088	NUR-10300-90	i Nursing Essentials	2/2	\$10	10:00-12:00pm	W	ADM-135	Pavelek
WEB ENHANCED COURSE: Details on page 39.								
*49090	NUR-10300-91	i Nursing Essentials	2/2	\$10	2:30-4:30pm	W	INS-108	Pavelek
WEB ENHANCED COURSE: Details on page 39.								
*49091	NUR-10502-90	i Foundations of Nursing	3/3	\$24	8:00-11:00am	R	INS-123	Girard
WEB ENHANCED COURSE: Details on page 39.								
*49093	NUR-10502-91	i Foundations of Nursing	3/3	\$24	12:00-3:00pm	R	INS-123	Girard
WEB ENHANCED COURSE: Details on page 39.								
*49094	NUR-10700-90	i Mental Health Concepts	1/1	\$7	1:00-2:00pm	W	INS-123	Pavelek
WEB ENHANCED COURSE: Details on page 39.								
*49096	NUR-10700-91	i Mental Health Concepts	1/1	\$7	5:00-6:00pm	W	INS-123	Pavelek
WEB ENHANCED COURSE: Details on page 39.								
*49097	NUR-10803-00	Nursing Practice Lab	3/4	\$140	1:30-6:30pm	T	INS-208	Greenen
*49099	NUR-10803-01	Nursing Practice Lab	3/4	\$140	2:30-7:30pm	W	INS-208	TBA
*49101	NUR-10803-02	Nursing Practice Lab	3/4	\$140	8:30-1:30pm	W	INS-213	Greenen
*49102	NUR-10803-03	Nursing Practice Lab	3/4	\$140	8:00-1:00pm	M	INS-213	TBA
*49103	NUR-10804-00	Nursing Clinical I	2/6	\$25	TBA			
*49105	NUR-10804-01	Nursing Clinical I	2/6	\$25	TBA			
*49107	NUR-10804-02	Nursing Clinical I	2/6	\$25	TBA			
*49109	NUR-10804-03	Nursing Clinical I	2/6	\$25	TBA			
*49111	NUR-10804-04	Nursing Clinical I	2/6	\$25	TBA			
*49112	NUR-10804-05	Nursing Clinical I	2/6	\$25	TBA			
*49113	NUR-10804-06	Nursing Clinical I	2/6	\$25	TBA			
*49114	NUR-10804-07	Nursing Clinical I	2/6	\$25	TBA			
*49115	NUR-10804-08	Nursing Clinical I	2/6	\$25	TBA			
*49116	NUR-10900-90	i Pharmacology I	2/2	\$20	9:00-11:00am	R	INS-108	Owens
WEB ENHANCED COURSE: Details on page 39.								
*49118	NUR-10900-91	i Pharmacology I	2/2	\$20	12:00-2:00pm	R	INS-123	Owens
WEB ENHANCED COURSE: Details on page 39.								
*49119	NUR-12503-90	i Adult Medical-Surgical Nursing	4/4	\$42	8:30-12:30pm	M	INS-123	Girard
WEB ENHANCED COURSE: Details on page 39.								
*49121	NUR-20900-00	Pharmacology II	2/2	\$20	1:30-3:30pm	M	INS-123	Owens
*49124	NUR-22001-90	i Nursing Assessment	3/3	\$45	12:00-3:00pm	T	INS-213	Girard
WEB ENHANCED COURSE: Details on page 39.								
*49125	NUR-22001-91	i Nursing Assessment	3/3	\$45	3:30-6:30pm	W	INS-213	Owens
WEB ENHANCED COURSE: Details on page 39.								
*49128	NUR-22201-00	Critical Thinking in Adult Care	5/5	\$30	10:00-1:00pm 10:00-12:00pm	W R	INS-123 INS-208	Hillman Hillman
*49130	NUR-22300-00	Adult Nursing Clinical	5/15	\$45	7:00-3:00pm	MT	W.Branch	Hillman
*49131	NUR-22300-01	Adult Nursing Clinical	5/15	\$45	7:00-3:00pm	MT	Gaylord	Mogle
*49133	NUR-23200-90	i Family Centered Pediatrics	2/2	\$20	1:00-3:00pm	W	INS-11	Owens
WEB ENHANCED COURSE: Details on page 39.								
*49414	NUR-24201-60	i Comm Mental Health Nursing	2/2	\$45	Online Course			Pavelek
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Contact Nancy Pavelek, email pavelekn@kirtland.edu.								
*49134	NUR-24201-90	i Comm Mental Health Nursing	2/2	\$10	4:00-6:00pm	T	INS-123	Pavelek
WEB ENHANCED COURSE: Details on page 39.								
*49135	NUR-24302-90	i Comm Mental Health Clinical	1.5/4.5	\$15	TBA	M		Pavelek
WEB ENHANCED COURSE: Details on page 39.								
*49136	NUR-24302-91	i Comm Mental Health Clinical	1.5/4.5	\$15	TBA	M		Greenen
WEB ENHANCED COURSE: Details on page 39.								
*49137	NUR-24302-92	i Comm Mental Health Clinical	1.5/4.5	\$15	TBA	F		Greenen
WEB ENHANCED COURSE: Details on page 39.								
*49139	NUR-24600-00	Care of Women/Families	2/2	\$20	10:00-12:00pm	W	INS-208	Mogle
*49140	NUR-24900-00	Peds/Women's Health Clinical	1.5/4.5	\$15	TBA	M	Skrocki/Anderson	

ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
*49141	NUR-24900-01	Peds/Women's Health Clinical	1.5/4.5	\$15	TBA	RF	Skrocki/Anderson	
*49142	NUR-24900-02	Peds/Women's Health Clinical	1.5/4.5	\$15	TBA	RF	Skrocki/Anderson	

NURSING - MTEC - GAYLORD - Restricted Admission - Contact Health Careers Office for details.

*49089	NUR-10300-90M	i Nursing Essentials WEB ENHANCED COURSE: Details on page 39.	2/2	\$10	9:00-10:00pm	T	MTEC-105	Pavelek
*49092	NUR-10502-90M	i Foundations of Nursing WEB ENHANCED COURSE: Details on page 39.	3/3	\$24	11:00-2:00pm	M	MTEC-107	TBA
*49095	NUR-10700-90M	i Mental Health Concepts WEB ENHANCED COURSE: Details on page 39.	1/1	\$7	11:00-1:00pm	T	MTEC-105	Pavelek
*49098	NUR-10803-00M	Nursing Practice Lab	3/4	\$140	3:00-8:00pm	M	MTEC-108	TBA
*49100	NUR-10803-01M	Nursing Practice Lab	3/4	\$140	2:00-7:00pm	T	MTEC-108	TBA
*49104	NUR-10804-00M	Nursing Clinical I	2/6	\$25	TBA			
*49106	NUR-10804-01M	Nursing Clinical I	2/6	\$25	TBA			
*49108	NUR-10804-02M	Nursing Clinical I	2/6	\$25	TBA			
*49110	NUR-10804-03M	Nursing Clinical I	2/6	\$25	TBA			
*49117	NUR-10900-90M	i Pharmacology I WEB ENHANCED COURSE: Details on page 39.	2/2	\$20	8:30-10:30am	M	MTEC-103	Owens

OFFICE INFORMATION SYSTEMS - CENTRAL CAMPUS - ROSCOMMON - Contact Lisa Lashley, 989-275-5000, ext. 345 or email lashleyl@kirtland.edu.

49145	OIS-10100-00F	i Basic Keyboarding	1/1	\$5	FLEX Mandatory mtg 8/21, 12pm		ADM-247	
49146	OIS-10401-00F	i Keyboarding I-A	1/1	\$5	FLEX Mandatory mtg 8/21, 3pm		ADM-247	
*49147	OIS-10402-00F	i Keyboarding I-B	1/1	\$5	FLEX			
*49148	OIS-10403-00F	i Keyboarding I-C	1/1	\$5	FLEX			
*49149	OIS-10500-00F	i Business Correspondence	3/3	\$5	FLEX Mandatory mtg 8/20, 2:00pm		ADM-206	
49150	OIS-10600-00F	i Intro to Health Information Sys	3/3	\$5	FLEX Mandatory mtg 8/20, 9am		ADM-206	
*49151	OIS-10701-00F	i Medical Office Transcription-A	1/1	\$10	FLEX Mandatory mtg 8/20, 4pm		ADM-206	
*49152	OIS-10702-00F	i Medical Office Transcription-B	1/1	\$10	FLEX			
*49153	OIS-10703-00F	i Medical Office Transcription-C	1/1	\$10	FLEX			
*49154	OIS-10800-00F	i Medical Transcription I	3/3	\$25	FLEX Mandatory mtg 8/20, 5pm		ADM-247	
49155	OIS-11201-00F	i Business Calculations	3/3	\$25	FLEX Mandatory mtg 8/21, 9am		ADM-206	
*49156	OIS-11300-00F	i Medical Coding I	3/3	\$5	FLEX Mandatory mtg 8/21, 12pm		ADM-206	
*49157	OIS-11401-00F	i Keyboarding II-A	1/1	\$5	FLEX Mandatory mtg 8/21, 9am		ADM-247	
*49158	OIS-11402-00F	i Keyboarding II-B	1/1	\$5	FLEX			
*49159	OIS-11403-00F	i Keyboarding II-C	1/1	\$5	FLEX			
*49160	OIS-11500-00F	i Medical Insurance Billing	3/3	\$5	FLEX Mandatory mtg 8/21, 12pm		ADM-206	
*49161	OIS-17000-00F	i Legal Term & Transcription	3/3	\$5	FLEX Mandatory mtg 8/20, 5pm		ADM-249	
*49162	OIS-18201-00F	i Word Processing I-Word-A	1/1	\$5	FLEX Mandatory mtg 8/20, 10am		ADM-247	
*49163	OIS-18202-00F	i Word Processing I-Word-B	1/1	\$5	FLEX			
*49164	OIS-18203-00F	i Word Processing I-Word-C	1/1	\$5	FLEX			
*49165	OIS-19001-00F	i Machine Transcription-A	1/1	\$10	FLEX Mandatory mtg 8/21, 10am		ADM-247	
*49166	OIS-19002-00F	i Machine Transcription-B	1/1	\$10	FLEX			
*49167	OIS-19003-00F	i Machine Transcription-C	1/1	\$10	FLEX			
49168	OIS-20501-00F	i Records Management-A	1/1	\$5	FLEX Mandatory mtg 8/20, 1pm		ADM-206	
*49169	OIS-20502-00F	i Records Management-B	1/1	\$5	FLEX			
*49170	OIS-20503-00F	i Records Management-C	1/1	\$5	FLEX			
*49171	OIS-20600-00F	i Medical Transcription II	3/3	\$25	FLEX Mandatory mtg 8/20, 5pm		ADM-247	
*49172	OIS-20700-00F	i Medical Transcription III	3/3	\$25	FLEX Mandatory mtg 8/20, 5pm		ADM-247	
*49173	OIS-21000-00F	i Office Procedures	3/3	\$5	FLEX Mandatory mtg 8/21, 11am		ADM-206	
*49174	OIS-21100-00F	i Medical Office Procedures	3/3	\$5	FLEX Mandatory mtg 8/21, 11am		ADM-247	
*49175	OIS-21300-00F	i Medical Coding II	3/3	\$5	FLEX Mandatory mtg 8/21, 12pm		ADM-206	
*49176	OIS-21400-00F	i Keyboarding III	3/3	\$25	FLEX Mandatory mtg 8/21, 1pm		ADM-247	
*49177	OIS-21500-00F	i Desktop Publishing	3/3	\$5	Contact Kathy Taylor at taylorlk@kirtland.edu			
*49178	OIS-22200-00F	i Word Processing II-Word	3/3	\$5	FLEX Mandatory mtg 8/21, 12pm		ADM-204	
*49179	OIS-22500-00F	i Legal Office Procedures	3/3	\$5	FLEX Mandatory mtg 8/20, 6pm		ADM-247	
*49180	OIS-24101-00F	i Internship-Administrative Asst	3/3	\$5	FLEX Mandatory mtg 8/21, 2pm		ADM-206	
*49181	OIS-24102-00F	i Internship-Legal Secretary	3/3	\$5	FLEX Mandatory mtg 8/21, 2pm		ADM-206	
*49182	OIS-24103-00F	i Internship-Medical Secretary	3/3	\$5	FLEX Mandatory mtg 8/21, 2pm		ADM-206	
*49183	OIS-24106-00F	i Internship-Medical Transcription	4/4	\$5	FLEX Mandatory mtg 8/21, 2pm		ADM-206	
*49184	OIS-24107-00F	i Internship-Adv WP Specialist	3/3	\$5	FLEX Mandatory mtg 8/21, 2pm		ADM-206	
*49185	OIS-24108-00F	i Internship-Medical Clerk	3/3	\$5	FLEX Mandatory mtg 8/21, 2pm		ADM-206	
*49186	OIS-24109-00F	i Internship-Medical Bill/Coding	4/4	\$5	FLEX Mandatory mtg 8/21, 2pm		ADM-206	

= Sat/Sun/Evening Classes

TBA=To be announced

*=Pre/corequisite-see college catalog

i=Internet account required-see pg 41

R=Thursday

KCC

FALL SCHEDULE

KCC

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ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
OUTDOOR POWER ENGINES - MTEC - GAYLORD								
48428	CAP-20003-00M	Internship/Service Learning	3/4.5		TBA			
49187	OPE-10001-00M	Two/Four Cycle Engines Level 1	3/4	\$64	9:00-1:00pm	T	MTEC	Harwood
*49418	OPE-11032-00M	Two/Four Cycle Engines Level 2	3/4	\$64	5:00-9:00pm	T	MTEC	Harwood
*49189	OPE-14000-00M	Small Engine Electricity	3/4	\$64	9:00-1:00pm	W	MTEC	Mabarak
*49190	OPE-20100-00M	Outdoor Power Engines Capstone	3/4	\$64	1:00-5:00pm	M	MTEC	Harwood
*49191	OPE-20310-00M	Power Sports Equipment I	3/4	\$64	5:00-9:00pm	M	MTEC	Lash
PHILOSOPHY - CENTRAL CAMPUS - ROSCOMMON								
*49193	PHL-20100-90	i Intro to Philosophy	3/3		1:30-3:00pm	MW	ADM-206	Giacobazzi
		WEB ENHANCED COURSE: Details on page 39.						
*49194	PHL-20100-91	i Intro to Philosophy	3/3		3:00-6:00pm	W	ADM-206	Giacobazzi
		WEB ENHANCED COURSE: Details on page 39.						
PHILOSOPHY - MTEC - GAYLORD								
*49421	PHL-20100-90M	i Intro to Philosophy	3/3		6:00-9:00pm	T	MTEC-107	TBA
		WEB ENHANCED COURSE: Details on page 39.						
PHYSICS - CENTRAL CAMPUS - ROSCOMMON								
*49196	PHY-20201-00	Physics II w/Trigonometry	4/4		3:00-5:00pm	TR	INS-119	Cochran
*49197	PHY-20202-00	Physics II w/Trigonometry Lab	1/3	\$25	5:00-8:00pm	T	INS-119	Cochran
*49198	PHY-22201-00	Physics II w/Calculus	4/4		3:00-5:00pm	TR	INS-119	Cochran
*49199	PHY-22202-00	Physics II w/Calculus Lab	1/3	\$25	5:00-8:00pm	T	INS-119	Cochran
PLUMBING - MTEC - GAYLORD								
49200	PLB-10301-00M	Intro to the Plumbing Profession	.20/.31	\$18.75				
49201	PLB-10302-00M	Plumbing Safety	.80/1.25	\$75.00				
49202	PLB-10303-00M	Plumbing Tools	.30/.47	\$28.13				
49203	PLB-10304-00M	Intro to Plumbing Math	.30/.47	\$28.13				
49204	PLB-10305-00M	Intro to Plumbing Drawings	.50/.78	\$46.88				
49205	PLB-10306-00M	Plastic Pipe and Fittings	.40/.63	\$37.50				
49206	PLB-10307-00M	Copper Pipe and Fittings	.40/.63	\$37.50				
49207	PLB-10308-00M	Cast Iron Pipe and Fittings	.50/.78	\$46.88				
49208	PLB-10309-00M	Carbon Steel Pipe and Fittings	.40/.63	\$37.50				
49209	PLB-10310-00M	Corrugated Stainless Steel Tubing	.10/.16	\$9.38				
49210	PLB-10311-00M	Fixtures and Faucets	.20/.31	\$18.75				
49211	PLB-10312-00M	Intro to Drain/Waste/Vent Sys	.40/.63	\$37.50				
49212	PLB-10313-00M	Intro to Water Distribution Sys	.40/.63	\$37.50				
49213	PLB-10314-00M	Plumbing Math Two	.60/.94	\$56.25				
49214	PLB-10315-00M	Reading Commercial Drawings	.80/1.25	\$75.00				
49215	PLB-10316-00M	Hangers, Supports, Structure						
		Penetrations, Fire Stopping	.40/.63	\$37.50				
49216	PLB-10317-00M	Installing & Testing DWV Piping	1.0/1.56	\$93.75				
49217	PLB-10318-00M	Installing Roof/Floor/Area Drains	.20/.31	\$18.75				
49218	PLB-10319-00M	Types of Valves	.20/.31	\$18.75				
49219	PLB-10320-00M	Install/Test Water Supply Pipe	.80/1.25	\$75.00				
49220	PLB-10321-00M	Installing Fixtures/Valves/Faucets	.80/1.25	\$75.00				
49221	PLB-10322-00M	Introduction to Electricity	.60/.94	\$56.25				
49222	PLB-10323-00M	Installing Water Heaters	.20/.31	\$18.75				
49223	PLB-10324-00M	Fuel Gas Systems	.80/1.25	\$75.00				
49224	PLB-10325-00M	Servicing Fixtures/Valves/Faucets	.20/.31	\$18.75				
POLITICAL SCIENCE - CENTRAL CAMPUS - ROSCOMMON								
*49225	POL-10100-00	Intro to American Govt	3/3		12:00-1:30pm	MW	ADM-206	Toprak
*49226	POL-10100-01	Intro to American Govt	3/3		8:30-11:30am	T	ADM-206	Toprak
*49227	POL-10100-02	Intro to American Govt	3/3		6:00-9:00pm	W	ADM-204	Schaiberger
*48279	POL-10100-60	i Intro to American Govt	3/3	\$45	Online Course			Toprak
		ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Sinan Toprak, email topraks@kirtland.edu.						
*48283	POL-10100-61	i Intro to American Govt	3/3	\$45	Online Course			Toprak
		ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Sinan Toprak, email topraks@kirtland.edu.						
*49422	POL-20100-00	Comparative Government	3/3		10:00-11:30am	MW	ADM-206	Toprak

ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
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PSYCHOLOGY - CENTRAL CAMPUS - ROSCOMMON

*48306	PSY-10100-00	Intro to Psychology	3/3		3:00-4:30pm	TR	ADM-204	Backlund
*49423	PSY-10100-01	Intro to Psychology	3/3		6:00-9:00pm	R	ADM-206	Ott
*48523	PSY-10100-60	i Intro to Psychology	3/3	\$45	Online Course			Backlund
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Jim Backlund, email backlunj@kirtland.edu.								
*48771	PSY-10100-61	i Intro to Psychology	3/3	\$45	Online Course			Backlund
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Jim Backlund, email backlunj@kirtland.edu.								
*48522	PSY-20200-00	Abnormal Psychology	3/3		8:30-11:30am	W	ADM-204	Backlund
*48336	PSY-20200-60	i Abnormal Psychology	3/3	\$45	Online Course			Backlund
ONLINE COURSE REQUIREMENTS: Online orientation (see page 41), MS Word & KCC Email. Direct questions to Jim Backlund, email backlunj@kirtland.edu.								
*48290	PSY-26001-00	Human Sexuality	3/3		12:00-1:30pm	TR	ADM-206	Backlund

PSYCHOLOGY - MTEC - GAYLORD

*48337	PSY-10100-00M	Intro to Psychology	3/3		6:00-9:00pm	M	MTEC-105	Backlund
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SOCIOLOGY - CENTRAL CAMPUS - ROSCOMMON

*48333	SOC-10100-00	Intro to Sociology	3/3		6:00-9:00pm	T	ADM-204	Hinman
*49233	SOC-26001-00	Human Sexuality	3/3		12:00-1:30pm	TR	ADM-206	Backlund

SONOGRAPHY - MTEC - GAYLORD

*49574	SON-10000-90M	Intro to Sonography Patient Care	2/3	\$50	2:00-5:00pm	R	MTEC	Hoekstra
WEB ENHANCED COURSE: Details on page 39.								
*48331	SON-10500-00M	Cardiac A & P	3/3	\$35	8:00-11:00am	M	MTEC	Wilson
*48387	SON-11000-00M	Ultrasound Physics	3/3	\$25	12:00-3:00pm	M	MTEC	Eastman
*49429	SON-11600-00M	Cardiac Principles I	3/3	\$20	8:00-9:30am	TR	MTEC	Eastman
*49425	SON-11700-00M	Cardiac Lab I	4/8	\$50	9:30-1:30pm	TR	MTEC	Eastman
*49427	SON-15000-00M	Echo II	3/3	\$20	8:00-11:00am	M	MTEC	Eastman
*49428	SON-15600-00M	Cardiac Principles III	3/3	\$20	8:00-9:30am	W	MTEC	Wilson
*49430	SON-15700-00M	Cardiac Lab III	4/8	\$50	9:30-1:30pm	TR	MTEC	Wilson
*48288	SON-16000-00M	Clinical Practice II	2/6	\$50	8:00-2:30pm	W	Various	Eastman
*48301	SON-22000-00M	Externship	15.5/15.5	\$40	TBA			Wilson

SPEECH - CENTRAL CAMPUS - ROSCOMMON

48278	SPE-10500-00	i Fund of Speech	3/3		6:00-9:00pm	M	ADM-206	Horton
48281	SPE-10500-01	i Fund of Speech	3/3		3:00-6:00pm	R	ADM-136	Horton
48287	SPE-11400-00	Interpersonal/Public Comm	3/3		12:00-1:30pm	TR	ADM-136	Fields
48299	SPE-11400-01	Interpersonal/Public Comm	3/3		3:00-6:00pm	M	ADM-136	Fields
48322	SPE-11400-02	Interpersonal/Public Comm	3/3		6:00-9:00pm	W	ADM-136	Fields

SURGICAL TECHNOLOGY - CENTRAL CAMPUS - ROSCOMMON

*49400	SUR-10000-00	Fund of Surgical Technology	3/3	\$25	1:00-4:00pm	M	ADM-106	TBA
*49434	SUR-10100-00	Surgical Asepsis	2/2	\$25	8:00-10:00am	M	ADM-106	TBA
*49436	SUR-10200-00	The Surgical Patient	2/2	\$25	10:00-12:00pm	M	ADM-106	TBA
*49444	SUR-10300-00	Surgical Pharmacology	2/2	\$25	8:00-10:00pm	W	ADM-106	TBA
*49445	SUR-10400-00	Basic Operative Procedures	2/2	\$40	10:00-12:00pm	W	ADM-106	TBA
*49442	SUR-10500-00	Surgical Techniques I (8/25-10/13)	2/4	\$50	8:00-12:30pm	TR	ADM-106	TBA
*49443	SUR-10600-00	Surgical Techniques II (10/15-12/10)	3/6	\$60	8:00-3:30pm	TR	ADM-106	TBA

THEATRE - CENTRAL CAMPUS - ROSCOMMON

48280	THE-12000-00	Intro to Theatre	3/3		8:30-10:00am	TR	PAC-Aud	Jurgess
48285	THE-12101-00	Theatre Workshop I	1/1		3:00-6:00pm	T	PAC-Aud	Jurgess
49231	THE-12102-00	Theatre Workshop I	2/2		3:00-6:00pm	T	PAC-Aud	Jurgess
49230	THE-12103-00	Theatre Workshop I	3/3		3:00-6:00pm	T	PAC-Aud	Jurgess
48294	THE-12300-00	Acting I	3/3		10:00-11:30am	TR	PAC-Aud	Jurgess
*49229	THE-22101-00	Theatre Workshop II	1/1		3:00-6:00pm	T	PAC-Aud	Jurgess
*49228	THE-22102-00	Theatre Workshop II	2/2		3:00-6:00pm	T	PAC-Aud	Jurgess
*49267	THE-22103-00	Theatre Workshop II	3/3		3:00-6:00pm	T	PAC-Aud	Jurgess

KCC

FALL SCHEDULE

KCC

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= Sat/Sun/Evening Classes

TBA=To be announced

*=Pre/corequisite-see college catalog

i=Internet account required-see pg 41

R=Thursday

ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
WELDING - CENTRAL CAMPUS - ROSCOMMON - Welding courses are organized so students can register for individual components, many of which can be completed in one to two weeks. Students must meet with the instructor & complete a contract on the first night of class. Students not completing a contract will be dropped from courses. The welding lab will be available to students Monday through Thursday evenings, 6:00-9:00pm. Additional lab time may be added if necessary. For more details contact Don Dyer, 989-275-5000 ext. 231.								
49378	WLD-10120-00F	Welding Safety	0.13/0.19	\$11.25				
49270	WLD-10121-00F	AWS Joints/Positions/Weld/Sym	0.13/0.19	\$11.25				
49272	WLD-10122-00F	OAW Terms & Equipment Setup	0.17/0.25	\$15.00				
49274	WLD-10123-00F	OAW Stringer Beads/Joints IG-IF	0.36/0.56	\$33.75				
49276	WLD-10124-00F	BW Stringer Beads & Joints	0.29/0.44	\$26.25				
49278	WLD-10125-00F	Cut OA/Plasma Cut/Carbn Arc	0.45/0.69	\$41.25				
49280	WLD-10126-00F	Identifying Good Welds per AWS	0.13/0.19	\$11.25				
49282	WLD-10127-00F	SMAW Terms/Identify Electrodes	0.17/0.25	\$15.00				
49284	WLD-10128-00F	SMAW Set-up/Stringer Beads	0.42/0.63	\$37.50				
49286	WLD-10129-00F	SMAW Joints/Flat Pos/1G-1F	0.33/0.5	\$30.00				
49288	WLD-10130-00F	GMAW Set-up/Stringer Beads	0.42/0.63	\$37.50				
49290	WLD-10131-00F	GMAW Joints/Flat Pos/1G-1F	0.29/0.44	\$26.25				
49292	WLD-10132-00F	FCAW Set-up & Stringer Beads	0.42/0.63	\$37.50				
49294	WLD-10133-00F	FCAW Joints/Flat Pos/1G-1F	0.29/0.44	\$26.25				
49296	WLD-10240-00F	GMAW Joints/Hor Pos/2G-2F	0.17/0.25	\$15.00				
49298	WLD-10241-00F	FCAW Joints/Hor Pos/2G-2F	0.17/0.25	\$15.00				
49300	WLD-10242-00F	GMAW Joints/Ver Pos/3G-3F	0.17/0.25	\$15.00				
49302	WLD-10243-00F	FCAW Joints/Ver Pos/3G-3F	0.17/0.25	\$15.00				
49304	WLD-10244-00F	GMAW Joints/Ovhd Pos/4G-4F	0.21/0.31	\$18.75				
49306	WLD-10245-00F	FCAW Joints/Ovhd Pos/4G-4F	0.21/0.31	\$18.75				
49308	WLD-10246-00F	GMAW Pulse Arc/Flat Pos/1G-1F	0.17/0.25	\$15.00				
49310	WLD-10247-00F	GMAW Core Arc Wld/Flat/1G-1F	0.17/0.25	\$15.00				
49312	WLD-10248-00F	GMAW Joints Aluminum/All Ps	0.33/0.5	\$30.00				
49314	WLD-10249-00F	Welding Blueprint Reading	0.17/0.25	\$15.00				
49316	WLD-10250-00F	Fab. Proj Using GMAW/FCAW	0.5/0.75	\$45.00				
49318	WLD-10251-00F	SMAW Multi-Pass String/Flat/1F	0.42/0.63	\$37.50				
49320	WLD-10252-00F	SMAW Multi-Pass Weave/Flat/1F	0.42/0.63	\$37.50				
49322	WLD-10253-00F	SMAW Joints/Hor Pos/2G-2F	0.36/0.56	\$33.75				
49324	WLD-10254-00F	SMAW Joints/Ver Pos/3G-3F	0.36/0.56	\$33.75				
49326	WLD-10370-00F	SMAW Joints/Ovhd Pos/4G-4F	0.5/0.75	\$45.00				
49328	WLD-10371-00F	Fabricate Project Using SMAW	0.5/0.75	\$45.00				
49330	WLD-10372-00F	Welding Metallurgy	0.9/1.38	\$82.50				
49332	WLD-10373-00F	GTAW Setup & Stringer Beads	0.42/0.63	\$37.50				
49334	WLD-10374-00F	GTAW Joints/Steel/Flat/1G-1F	0.42/0.63	\$37.50				
49336	WLD-10375-00F	GTAW Jts/StainSteel/Flat/1G-1F	0.42/0.63	\$37.50				
49338	WLD-10376-00F	GTAW Joints/Alum/Flat/1G-1F	0.42/0.63	\$37.50				
49340	WLD-10377-00F	GTAW Joints/Steel/Hor/2G-2F	0.42/0.63	\$37.50				
49342	WLD-20450-00F	GTAW Jts/Stain Steel/Hor/2G-2F	0.5/0.75	\$45.00				
49344	WLD-20451-00F	GTAW Joints/Alum/Hor/2G-2F	0.5/0.75	\$45.00				
49346	WLD-20452-00F	GTAW Joints/Steel/Ver/3G-3F	0.5/0.75	\$45.00				
49348	WLD-20453-00F	GTAW Jts/Stain Steel/Ver/3G-3F	0.5/0.75	\$45.00				
49350	WLD-20454-00F	GTAW Joints/Alum/Ver/3G-3F	0.5/0.75	\$45.00				
49352	WLD-20455-00F	GTAW Joints/Steel/Ovhd/4G-4F	0.5/0.75	\$45.00				
49354	WLD-20456-00F	GTAW Jts/StainSteel/Ovhd/4G-4F	0.5/0.75	\$45.00				
49356	WLD-20457-00F	GTAW Joints/Alum/Ovhd/4G-4F	0.5/0.75	\$45.00				
49358	WLD-20510-00F	Intro to Pipe Welding	0.21/0.31	\$18.75				
49360	WLD-20511-00F	Pipe 2G Fixed Position	0.67/1	\$60.00				
49362	WLD-20512-00F	Pipe 5G Fixed Pos/Vert Up	1.04/1.56	\$93.75				
49364	WLD-20513-00F	Pipe 5G Fixed Pos/Vert Down	1.04/1.56	\$93.75				
49366	WLD-20514-00F	Pipe 6G Fixed Position	1.04/1.56	\$93.75				
49368	WLD-20606-00F	6 Welder Qual & Projects	4/6	\$360.00				
49370	WLD-20701-00F	Directed Study - Welding Tech	1/1.5	\$90.00				
49372	WLD-20702-00F	Directed Study - Welding Tech	1/1.5	\$90.00				
49374	WLD-20703-00F	Directed Study - Welding Tech	1/1.5	\$90.00				
49376	WLD-20704-00F	Directed Study - Welding Tech	1/1.5	\$90.00				

ONLINE REQ#	COURSE- SECTION #	COURSE TITLE	CR/CONT HRS	COURSE FEE	TIME	DAY	BLDG- RM	INSTR
WELDING - MTEC - GAYLORD								
49269	WLD-10120-00M	Welding Safety	0.13/0.19	\$11.25				
49271	WLD-10121-00M	AWS Joints/Positions/Weld/Sym	0.13/0.19	\$11.25				
49273	WLD-10122-00M	OAW Terms & Equipment Setup	0.17.25	\$15.00				
49275	WLD-10123-00M	OAW Stringer Beads/Joints IG-IF	0.36/0.56	\$33.75				
49277	WLD-10124-00M	BW Stringer Beads & Joints	0.29/0.44	\$26.25				
49279	WLD-10125-00M	Cut OA/Plasma Cut/Carbn Arc	0.45/0.69	\$41.25				
49281	WLD-10126-00M	Ident Good Welds per AWS	0.13/0.19	\$11.25				
49283	WLD-10127-00M	SMAW Terms/Ident Electrodes	0.17/0.25	\$15.00				
49285	WLD-10128-00M	SMAW Set-up & Stringer Beads	0.42/0.63	\$37.50				
49287	WLD-10129-00M	SMAW Joints/Flat Pos/1G-1F	0.33/0.5	\$30.00				
49289	WLD-10130-00M	GMAW Set-up & Stringer Beads	0.42/0.63	\$37.50				
49291	WLD-10131-00M	GMAW Joints/Flat Pos/1G-1F	0.29/0.44	\$26.25				
49293	WLD-10132-00M	FCAW Set-up & Stringer Beads	0.42/0.63	\$37.50				
49295	WLD-10133-00M	FCAW Joints/Flat Pos/1G-1F	0.29/0.44	\$26.25				
49297	WLD-10240-00M	GMAW Joints/Hor Pos/2G-2F	0.17/0.25	\$15.00				
49299	WLD-10241-00M	FCAW Joints/Hor Pos/2G-2F	0.17/0.25	\$15.00				
49301	WLD-10242-00M	GMAW Joints/Ver Pos/3G-3F	0.17/0.25	\$15.00				
49303	WLD-10243-00M	FCAW Joints/Ver Pos/3G-3F	0.17/0.25	\$15.00				
49305	WLD-10244-00M	GMAW Joints/Ovhd Pos/4G-4F	0.21/0.31	\$18.75				
49307	WLD-10245-00M	FCAW Joints/Ovhd Pos/4G-4F	0.21/0.31	\$18.75				
49309	WLD-10246-00M	GMAW Pulse Arc/Flat Pos/1G-1F	0.17/0.25	\$15.00				
49311	WLD-10247-00M	GMAW Core Arc Flat/1G-1F	0.17/0.25	\$15.00				
49313	WLD-10248-00M	GMAW Joints Aluminum/All Ps	0.33/0.5	\$30.00				
49315	WLD-10249-00M	Welding Blueprint Reading	0.17/0.25	\$15.00				
49317	WLD-10250-00M	Fab. Proj Using GMAW/FCAW	0.5/0.75	\$45.00				
49319	WLD-10251-00M	SMAW Multi-Pass String/Flat/1F	0.42/0.63	\$37.50				
49321	WLD-10252-00M	SMAW Multi-Pass Weave/Flat/1F	0.42/0.63	\$37.50				
49323	WLD-10253-00M	SMAW Joints/Hor Pos/2G-2F	0.36/0.56	\$33.75				
49325	WLD-10254-00M	SMAW Joints/Ver Pos/3G-3F	0.36/0.56	\$33.75				
49327	WLD-10370-00M	SMAW Joints/Ovhd Pos/4G-4F	0.5/0.75	\$45.00				
49329	WLD-10371-00M	Fabricate Project Using SMAW	0.5/0.75	\$45.00				
49331	WLD-10372-00M	Welding Metallurgy	0.9/1.38	\$85.50				
49333	WLD-10373-00M	GTAW Setup & Stringer Beads	0.42/0.63	\$37.50				
49335	WLD-10374-00M	GTAW Joints/Steel/Flat/1G-1F	0.42/0.63	\$37.50				
49337	WLD-10375-00M	GTAW Jts/StainSteel/Flat/1G-1F	0.42/0.63	\$37.50				
49339	WLD-10376-00M	GTAW Joints/Alum/Flat/1G-1F	0.42/0.63	\$37.50				
49341	WLD-10377-00M	GTAW Joints/Steel/Hor/2G-2F	0.42/0.63	\$37.50				
49343	WLD-20450-00M	GTAW Jts/Stain Steel/Hor/2G-2F	0.5/0.75	\$45.00				
49345	WLD-20451-00M	GTAW Joints/Alum/Hor/2G-2F	0.5/0.75	\$45.00				
49347	WLD-20452-00M	GTAW Joints/Steel/Ver/3G-3F	0.5/0.75	\$45.00				
49349	WLD-20453-00M	GTAW Jts/Stain Steel/Ver/3G-3F	0.5/0.75	\$45.00				
49351	WLD-20454-00M	GTAW Joints/Alum/Ver/3G-3F	0.5/0.75	\$45.00				
49353	WLD-20455-00M	GTAW Joints/Steel/Ovhd/4G-4F	0.5/0.75	\$45.00				
49355	WLD-20456-00M	GTAW Jts/StainSteel/Ovhd/4G-4F	0.5/0.75	\$45.00				
49357	WLD-20457-00M	GTAW Joints/Alum/Ovhd/4G-4F	0.5/0.75	\$45.00				
49359	WLD-20510-00M	Intro to Pipe Welding	0.21/0.31	\$18.75				
49361	WLD-20511-00M	Pipe 2G Fixed Position	0.67/1	\$60.00				
49363	WLD-20512-00M	Pipe 5G Fixed Pos/Vert Up	1.04/1.56	\$93.75				
49365	WLD-20513-00M	Pipe 5G Fixed Pos/Vert Down	1.04/1.56	\$93.75				
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49371	WLD-20701-00M	Directed Study - Welding Tech	1/1.5	\$90.00				
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49375	WLD-20703-00M	Directed Study - Welding Tech	1/1.5	\$90.00				
49377	WLD-20704-00M	Directed Study - Welding Tech	1/1.5	\$90.00				

WEB ENHANCED COURSE: The course meets for all contact hours on-campus, but tests are administered online, homework is submitted online, and other features such as discussion boards may take place online.

Honors-Options Courses

If you are interested in taking an Honor course, please contact the Honors Office at 275-5000, ext. 359.

ACC 12599	Comp. Acctng w/Quickbks	HIS 20199	US History to 1865
ART 10599	Intro to Design	HIS 20399	Michigan History
ART 10899	Ceramics I	HON 25000	Colloquium (Winter only)
ART 11099	Watercolors	MKT 20099	Principles of Marketing
ART 21499	Sculpture II	MTH 12099	Intermediate Algebra
ART 21599	*Photography II	MTH 12199	College Algebra w/Trig.
ART 22599	Intro to Color Photography	MTH 18099	Pre-Calculus
ART 23199	*Adv. B & W Photography	MTH 20699	Applications in Statistics
ART 27699	*Digital Darkroom	MTH 22092	Calculus I
ART 27904	Advanced Drawing	MTH 22199	Calculus II
ART 28099	Portfolio I	NUR 10592	Foundations of Nursing
BIO 10199	General Biology	NUR 12692	Nursing Care of Children
BIO 11699	Anatomy & Physiology II	NUR 22091	Nursing Assessment
BIO 20299	General Botany	NUR 22299	Critical Thinking in Adult
BIO 21399	Nature Study		Care
BUS 10199	Intro to Business	NUR 24299	Community Mental Health
BUS 20299	Grant Writing		Nursing
BUS 24599	Personnel Management	OIS 10599	Business Correspondence
CHE 10093	Chemical Science	OIS 17099	Legal Terminology &
CHE 10094	Chemical Science - Lab		Transcription
CHE 10191	General Chemistry I	OIS 19099	Machine Transcription
CHE 10192	General Chemistry Lab I	OIS 20699	Medical Transcription II
CHE 10291	General Chemistry II	OIS 21099	Office Procedures
CHE 10292	General Chemistry Lab II	OIS 21499	Keyboarding III
CIS 10599	Intro to Computers	OIS 21599	Desktop Publishing
CIS 17091	MS Office	OIS 22299	Word Processing II- Word
COS 12599 - 13699	Cosmetology V - XVI	PHL 20199	Intro. To Philosophy
COS 22199- 22699	Cos. Instructor I - VI	PHL 21099	Intro to Ethics
ENG 10399	English Composition I	PHY 20199	General Physics I
ENG 10499	English Comp II w/comp	PHY 20299	General Physics II
ENG 12099	Journalism I	PHY 22191	College Physics I (Lecture)
ENG 12199	Journalism II	PHY 22192	College Physics I (Lab)
ENG 21499	Intro to Literature	POL 10199	Intro to American Gov.
ENG 22899	Mythology	POL 20199	Comparative Government
ENG 29199	Poetry Workshop I	PSY 10199	Intro to Psychology
GEL 10599	Physical Geology	PSY 20299	Abnormal Psychology
HIS 10599	Hist. of World Societies	SGN 11099	American Sign Language I
	to 1500	SPE 10599	Fundamentals of Speech
HIS 10699	Hist. of World Societies	SPE 11499	Interpersonal/Public
	Since 1500		Communication

* open studio class Courses offered as traditional, online or hybrid.

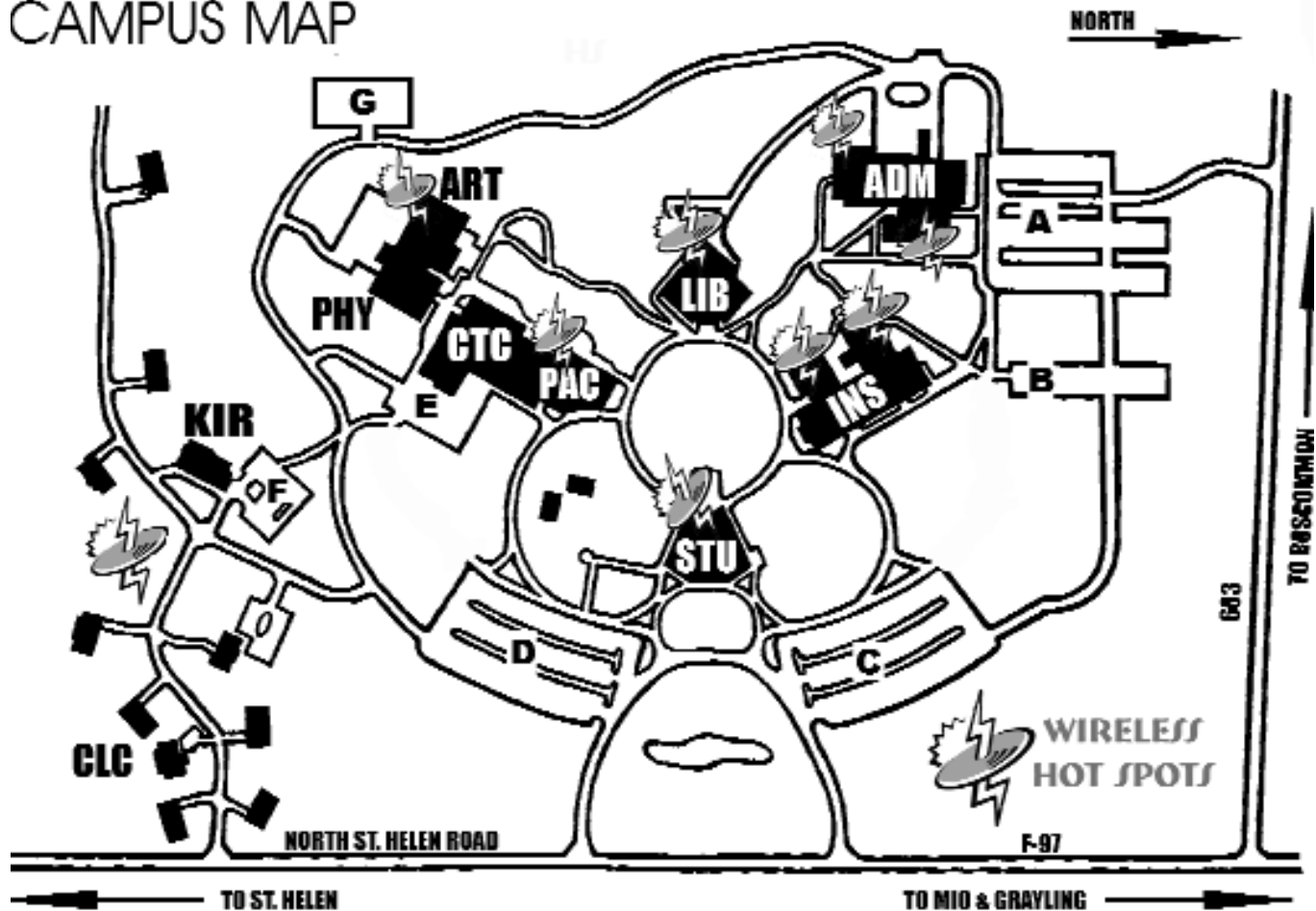
Schedule is subject to change.

Honors Program

The Honors Program provides enhanced educational opportunities for academically talented students in both general education and occupational programs. Students pursue honors studies in parallel with their regular academic programs, and, if they complete the requirements, will receive an honors certificate of completion or an honors associate degree. Admission to the Honors Program offers significant benefits such as tuition scholarship (up to 9 credits); application for The Otto and Martha Krauss Honors Scholarship, a competitive award that will provide one honors student up to \$2,000 per academic year for two years. (The amount is determined by credit hours per semester.) Available honors-option courses are listed above. Contact the Honors Office at 989-275-5000, ext. 359 for further information.

Campus Map

CAMPUS MAP



Campus Map Directory

A - H - Parking lots

ADM - Administration Center - Administrative Offices; FLEX Lab; Accounting; Business Conference Room; Business Office; Human Resources; Career & Employment Services; Computer Labs; Disability Services Office; Financial Aid Office; Criminal Justice Program Offices; General, Computer, and Multimedia Classrooms; President's Office; Board Room; OIS Lab, Special Populations Office, Public Safety; Student Services (including admissions, athletics, counseling, placement, registrar, student housing, student activities); Testing Center; Marketing & Public Relations Offices and Student Newspaper Office

ART - Fine Arts Center - Art Department Office; Art Labs; Sculpture Lab; Art Gallery

CLC - Children's Learning Center

CTC - Career Technology Center - Automotive Labs; Cosmetology Labs; Manufacturing Lab; Welding Lab; Faculty Offices

INS - Instructional Center - Faculty Offices; General and Computer Classrooms; Biology Lab; Computer-Aided Drafting & Design (CAD) Lab; Chemistry Lab; Health Careers Offices; Honors Program Office, Nursing Lab; Physics Lab; Tutoring Center

KIR - Kirtland House

LIB - Library - Computer Labs; ITV Room, Library facilities; Tele-communications Center; e-Services

PAC - Performing Arts Center - Kirtland Center for the Performing Arts; G.I. Stewart Auditorium

PHY - Physical Plant - Printshop; Maintenance and Grounds Department; Shipping & Receiving

STU - Student Center - Bookstore; Cafeteria; Game Room; Music Lab; Student Senate Office; Switchboard; Security Office; COOR Offices