MONROE COMMUNITY COLLEGE

Stuart T. Blacklaw, Ph.D.
Dean, Curriculum and Program Development

DATE: January 22, 2010

TO: The College Community

FROM: Stuart T. Blacklaw, Dean, Curriculum and Program Development

RE: Curriculum Approvals for Fall Semester 2009

NEW COURSES

Course	Credit Hours	Class Hours	Lab/Studio Hours	Exp./ Conf. Hours	Lab Fee	Class Size	Lab Size	Fac. Cont. Hours
ART 102	3	3	0	0	0	24	0	3
ATP 139	2	0	3	0	35	0	12	3
CPT 217	3	2	2	0	55	24	12	4
HVA 275	3	2	2	0	55	16	16	4

New Course Titles
ART 102	Fine Arts: Theory and Practice
ATP 139	Applied Automotive Techniques
CPT 217	LAN Switching
HVA 275	Modern Welding Techniques

SPECIAL STUDIES

Course	Exp./ Credit Hours	Class Hours	Lab/Studio Hours	Conf. Hours	Lab Fee	Class Size	Lab Size	Fac. Cont. Hours
ATP 180	3	3	0	0	0	27	0	2
ENG 283	3	3	0	0	0	33	0	3
FSA 286	3	1	4	0	75	15	15	5
HIS 288	3	3	0	0	0	33	0	3
HVA 181	2	2	2	0	55	16	16	3
PSY 180	1	1	0	0	0	25	0	1

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<u>Special Studies Course Titles</u>
ATP 180   Alternative Fuels
ENG 283   Reading Graphic Literature
FSA 286   International Cuisine: Advanced Food Prep
HIS 288   The Soldier, U.S. Society, and War: A Historical Perspective
HVA 181   Transition to HVAC/R Technology
PSY 180   Fundamentals of APA Style

INDEPENDENT STUDY
BIO 290   Marine Biology Field Guide
BIO 290   Marine Biology IS Project on San Salvador Island, Bahamas, IS10F
BIO 290   Marine Biology IS Project on San Salvador Island, Bahamas, IS11F
BIO 290   Marine Biology IS Project on San Salvador Island, Bahamas, IS12F
C E 290   Fall Internship
C E 290   IS4F
CE 290   IS14F
ECO 290   IS on location in China, IS6F
ECO 290   IS on location in China, IS7F
ECO 290   IS on location in China, IS8F
ECO 290   IS on location in China, IS9F
EMS 290   Paramedic Preparation
MUS 290   Advanced Jazz Theory & Composition
MUS 290   Music Ensemble

COURSE DEACTIVATIONS
ART 170   Introduction to Western Architecture
ART 191   Art History Video – Impressionism
ART 192   Art History Video – Women Artists
ART 193   Art History Video – 20th Century Artists
CHE 111   Contemporary Topics in Chemistry
CHE 153   Chemistry Problem Solving by Computer
CHE 154   Lab Techniques for Chemical Technicians
COM 155   Publications Practices
COM 161   Digital Design Basics
COM 162   Digital Page Layout
COM 163   Publication Design
CRT 101   Court Reporting I
CRT 102   Court Reporting II
CRT 103   Court Reporting III
CRT 112   Computer-Aided Transcription
CRT 113   Computer-Aided Transcription II
CRT 201   Court Reporting IV
CRT 202   Court Reporting V
CRT 203   Court Reporting VI
DEN 221   Community Dentistry
HIM 275   Medicolegal Aspects of Medical Transcription
HIM 276   Professional Readiness for Medical Transcription

HIM 278	Advanced Medical Transcription
INT 208	Instrumentation Electronics
MAS 105	Massage Therapy Clinical
PE 102	Personal Fitness for Professional Firefighter
PEC 132	Co-ed Basketball
PEC 134	Co-Ed Soccer
PEC 136	Co-ed Volleyball/Basketball
PEC 149	Co-Ed Tennis
PEC 160	Rock Climbing
PEC 198	Co-Ed Water Safety
PEH 101	Handicapped P.E. I
PEH 102	Handicapped P.E. II
PEH 103	Handicapped P.E. III
PEH 104	Handicapped P.E. IV
PEM 134	Soccer
PEM 136	Volleyball/Basketball
PEM 138	Floor Hockey
PPE 165	Theory/Techniques of Aquatic Instruction (WSI)
PPE 172	Physical Fitness Testing
PSP 118	Peace Officer

PROGRAM DEACTIVATIONS
Call Center Customer Service Certificate

PROGRAM REVISIONS
Air Conditioning Technology: Heating and Ventilation A.A.S.
Clerk Typist Certificate
Hospitality Management – Food Service Option
Information Processing Certificate
Interior Design A.A.S.
Nursing A.A.S.
Performing Arts: Music A.S.

NEW PROGRAMS
Paramedic Certificate

COURSE REVISIONS

ACD 141 Alcoholism/Chemical Dependency Treatment Modalities (prerequisite)
FROM: None
TO: ACD 140 with a grade of C or higher

ACD 142 Alcoholism/Chemical Dependency and the Family System (prerequisite)
FROM: ACD 140

TO: ACD 140 with a grade of C or higher

ACD 143 Alcoholism/Chemical Dependency Counseling Skills (prerequisite)
FROM: ACD 140
TO: ACD 140 with a grade of C or higher

ACD 144 Alcoholism/Chemical Dependency/Substance Abuse Group Counseling Skills (prerequisite)
FROM: ACD 140
TO: ACD 140 with a grade of C or higher

ACD 145 Special Issues in the Field of Alcoholism/Chemical Dependency/Substance Abuse (prerequisite)
FROM: ACD 140
TO: ACD 140 with a grade of C or higher

ACD 146 Alcohol/Chemical Dependency Internship Seminar (description, prerequisite)
FROM: as in catalog
TO: Provides students with in-depth experience in the addiction treatment field. Students will
                complete an internship consisting of 20 hours per week for fifteen weeks, plus a two-
                hour-a-week seminar. In the seminar, issues encountered by the students in their
                internships will be addressed, and information regarding some needed skills and
                knowledge will be provided. Internship hours worked in addiction prevention or
                treatment agencies may be counted as volunteer work hours or as educational hours
                toward the N.Y.S. CASAC. Two class hours, 300 experiential hours.

FROM: ACD 140
TO: ACD 140 with a grade of C or higher

BIO 235 Introduction to Human Disease (Title)
FROM: Introduction to Human Disease
TO: Pathophysiology

CHE 252 Organic Chemistry II (class size)
FROM: 32
TO: 48

CIS 223 Computer Programming – C++ (prerequisite)
FROM: CSC 101 or CIS 208 of CIS 224 with a grade of C or better
TO: CSC 101 or CIS 208 with a grade of C or better

CIS 225 Advanced Java (prerequisite)
FROM: CSC 101 or CIS 223 or CIS 224 with a grade of C or better
TO: CSC 101 or CIS 223 with a grade of C or better

COM 105 Typography (prefix)
FROM: COM
TO: AAD

COM 108 Mind Over Media-The Art of Innovation (prefix, title, description)
FROM: COM
TO: AAD

FROM: Mind Over Media-The Art of Innovation

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TO: Ideation: Illustration and Design

FROM: as in catalog
TO: This course involves investigation into the basic technical, aesthetic and conceptual
                aspects of illustration and design. The philosophy of the course is that innovation is a skill
                that is both visual and experiential, which, through practice, evokes insights, associations
                and resonances. The course teaches basic ideation skills—how to see, think and respond
                through observing, experiencing, drawing and designing to solve a variety of visual
                problems. This is a studio-based subject involving intensive, practical, hands-on exercises
                taught simultaneously with visual theory. The course seeks to expand each student's
                visual vocabulary, aesthetic consciousness and creative thought.

                • Course takes place within a Macintosh environment utilizing Adobe software.
                • Students will be required to purchase art supplies and materials.
                • Students may be required to print at a local service bureau.

COM 112 Graphic Design I (prefix)
FROM: COM
TO: AAD

COM 160 Computer Graphics: Design and Layout (prefix, title, description)
FROM: COM
TO: AAD

FROM: Computer Graphics: Design and Layout
TO: Graphic Illustration, Vector Drawing

FROM: as in catalog
TO: This course is designed to introduce the benefits, complexities and application of vector
                illustration and design (using Bézier curves) within a creative explorative environment.
                Learning to integrate traditional and digital image making techniques, students will be
                introduced to various methods of visual problem solving. The skills and ideas covered in
                this course are invaluable to students considering a career or study path in fine art,
                design, illustration, print media, motion graphics, animation or other media related arts.

                • Course takes place within a Macintosh environment utilizing Adobe software.
                • Students will be required to purchase art supplies and materials.
                • Students may be required to print at a local service bureau.

COM 205 Graphic Design 2 (prefix)
FROM: COM
TO: AAD

CPT 115 Introduction to Networks (description, lab fee, course content)
FROM: as in catalog
TO: This course corresponds to the first semester of the Cisco Networking Academy
                Exploration track. It introduces students to the architecture, structure, functions,
                components, and models of the Internet and other computer networks. It uses the OSI
                and TCP layered models to examine the nature and roles of protocols and services at the
                application, network, data link, and physical layers. The principles and structure of IP
                addressing and the fundamentals of Ethernet concepts, media, and operations are
                introduced to provide a foundation for further studies in computer networking. Hands-on

labs for this course use a "model Internet" to allow students to analyze real data without affecting production networks. At the end of the course, students build simple LAN topologies by applying basic principles of cabling, performing basic configurations of network devices such as routers and switches, and implementing IP addressing schemes.

FROM: 0
TO: $55

CPT 215 Data Communications and Networking (title, description, course content)
FROM: Communications and Networking
TO: Introductions to Networks

FROM: as in catalog
TO: This course corresponds to the second semester of the Cisco Networking Academy Exploration track. It describes the architecture, components, and operation of routers, and explains the principles of routing and routing protocols. Students analyze, configure, verify, and troubleshoot the primary routing protocols RIPv1, RIPv2, EIGRP, and OSPF. By the end of this course, students will be able to recognize and correct common routing issues and problems.

CRC 120 Introduction to Medical Information Processing (title, description, course content)
FROM: Introduction to Medical Information Processing
TO: Introduction to Health Information Processing

FROM: as in catalog
TO: A study of information technology concepts as they relate to health information. Topics include an overview of information processing concepts and computer hardware and software. Learning and lab activities involve use of the Internet and Microsoft Word, Access, Excel, and PowerPoint, as used in health care related settings.

CRJ 211 Community Values and the Administration of Justice (prerequisite)
FROM: CRJ 101, CRJ 103
TO: CRJ 121 or 222 taken concurrently or previously completed and successful completion of 21 CRJ credit hours or permission of instructor

CSC 103 Introduction to Data Structure (prerequisite)
FROM: CSC 101 or CIS 224 with a grade of C or better
TO: CSC 101 with a grade of C or better

ENG 251 Technical Writing (title)
FROM: Technical Writing
TO: Technical Communication

HSP 202 Banquet and Event Planning (title, description, course content)
FROM: Banquet and Event Planning
TO: Introduction to Conference and Event Planning

FROM: as in catalog
TO: This course is a comprehensive overview of the process of planning meetings, conferences and special events. Step-by-step organization, preliminary planning, site selection and timing strategies are among the topics to be discussed. Students will

discover where conference and event planning fits into the overall scope of the hospitality industry.

MET 105 Machine Design Theory I (prerequisite, co-requisite, class size, lab fee, number)
FROM: One year of Algebra and Trigonometry; two years Algebra
TO: MTH 140 or MTH 165 or higher, PHY 131 or higher level Physics

FROM: None
TO: MET 203

FROM: 27
TO: 24

FROM: 0
TO: $55

FROM: MET 105
TO: MET 225

MET 106 Machine Design Theory II (prerequisite, co-requisite, class size, lab fee, number, description)
FROM: MET 105
TO: MTH 140 or higher, PHY 132 or higher, MET 225

FROM: None
TO: MET 203

FROM: 27
TO: 24

FROM: 0
TO: $55

FROM: MET 106
TO: MET 226

FROM: as in catalog
TO: Continuation of MET 225. Study and analysis of mechanical components including cams, bearings, seals, mechanism, hydraulic equipment, and pneumatic equipment. Three class hours.

MET 206 Engineering Materials (class size, description)
FROM: 35
TO: 24

FROM: as in catalog
TO: The objective is to enable the mechanical technician to select appropriate materials, adhesives, and surface finishes for machine parts. Included are lectures and demonstrations on steels and other metals, plastics, concrete, adhesives, and surface finishes such as plating and painting. The course emphasis is on the macroscopic, mechanical and physical characteristics of engineering materials. Three class hours.

MET 208 Technical Mechanics, Dynamics (class size)
FROM: 38
TO: 24

OFT 111 Word Processing I (title)
FROM: Word Processing I
TO: Intermediate Word

OFT 112 Word Processing II (title)
FROM: Word Processing II
TO: Advanced Word I

OFT 201 Word Processing III (title)
FROM: Word Processing III
TO: Advanced Word II

PHL 105 Technology and Values (description)
FROM: as in catalog
TO: A study of the ways that the advance of technology relates to the development of values. The course will investigate how we evaluate and respond to technology, and will examine technology's impact upon such values as freedom, individuality, growth, work, and the political process. The course includes topics that computer science and engineering technology students need to understand, such as: the unique ethical problems in information technology; ethical practices to minimize computer misuse; ACM/IEEE Software Engineering Codes of Ethics and Professional Practice; the morality of software piracy; hacking and viruses as well as questions raised by globalization.

SPT 123 Shakespeare and the Movies (prefix, other)
FROM: SPT 123
TO: ENG 123

SVL 101 Service-Learning Seminar (description)
FROM: as in catalog
TO: This course is designed for students to identify and analyze a socially significant need facing the local community and develop and implement a plan to address such a need. Students will examine why this need exists and identify areas of strength to apply to the issue. The course will cover such topics as ethical implications of service, citizenship development, motivation to serve, global issues of service and more. Students will complete critical reflection assignments and exercises that strengthen problem-solving and leadership skills while developing connections with people of diverse cultures and lifestyles. Service-learners are required to serve 135 hours over the course of the semester.

COURSE LEARNING OUTCOMES (completed and received by Curriculum Office)

ANT 120   Anthropology of Science Fiction
ARA 101   Elementary Arabic I
ART 130   Sculpture I
ASL 101   American Sign Language I
ASL 102   American Sign Language II

ASL 103	American Sign Language III
ASL 104	American Sign Language IV
BIO 120	Essentials of Life Science
CHE 110	Contemporary Consumer Chemistry
CHI 101	Elementary Chinese I
CHI 102	Elementary Chinese II
CIS 100	Digital Computers and Information Processing
CIS 211	Database Concepts
COM 105	Typography
COM 112	Graphic Design
COM 115	Computer Generated Images
COM 120	Media Literacy
COM 141	Introduction to and Television
COM 150	Video Production
COM 160	Computer Graphics: Design and Layout
COM 165	Digital Prepress
COM 202	Techniques of Television I
COM 204	Radio Production
COM 205	Graphic Design 2
COM 212	Techniques of Television II
COM 267	Digital Audio/Video II
COM 270	Media & Society
CRC 112	Introduction to Microsoft Windows
CRC 116	Introduction to Microsoft Access
CRC 118	Personal Computer Operations & Maintenance
CRC 122	Computer Animation Using Alice
DEN 123	Oral Pathology I
DEN 124	Dental Hygiene II
DEN 129	Periodontics I
EDU 150	Performance and Presentation Skills for Educators
ENR 153	Engineering Graphics and Machining
ESL 100	English for Speakers of Other Languages – Intermediate II: Reading Focus
ESL 120	English for Speakers of Other Languages – Intermediate II: Integrated Skills
ESL 125	English for Speakers of Other Languages – Intermediate II: Multi Skills I
ESL 145	English for Speakers of Other Languages – Intermediate II: Multi Skills II
ESL 158	English for Speakers of Other Languages – Intermediate II: Oral Communication
FPT 101	Introduction to Fire Protection Technology
FPT 103	Building Materials and Construction
FPT 104	Fire Suppression Technology
FPT 107	Introduction to the New York State Building Code
FPT 111	Firefighter 1
FPT 113	Firefighter 2
FPT 120	International and Domestic Terrorism
FPT 130	Basic Aircraft Rescue and Firefighting
FPT 135	Aircraft Fuel Spill Firefighting
FPT 136	Specialized Aircraft Firefighting
FPT 141	Firefighter Core Competencies Update and Refresher I
FPT 142	Firefighter Core Competencies Update and Refresher II
FPT 143	Firefighter Core Competencies Update and Refresher III
FPT 144	Firefighter Core Competencies Update and Refresher IV
FPT 230	Advanced Aircraft Rescue and Fire Fighting
HED 110	Disease Prevention and Healthy Lifestyles
HIM 100	Introduction to Health Information

HIM 104	Medical Terminology
HIM 105	Medical Transcription
HIM 108	Diagnostic and Procedural Classifications
HIM 110	ICD Diagnostic and Procedural Classifications
HIM 111	Current Procedural Terminology (CPT) Coding
HIM 115	Medical Office Pharmacology
HIS 106	Renaissance to Napoleon
HMN 222	Seminar: Enduring Questions in the Humanities
HSP 280	Advanced Conference and Event Planning
HVA 220	Sheet Metal Fabrication
LAW 101	Fundamentals of Law
MUS 155	African-American Music in America
PHL 108	World Religions: Western Tradition
PHL 109	World Religions: Eastern Traditions
PHO 113	Photography 2
PHY 132	Applied Physics II
PLS 260	Introduction to Paralegal Studies
PLS 263	Contract Law for Paralegals
PLS 265	Fact-Finding Research
PLS 268	Personal Injury Law
PLS 272	Real Estate Law
PLS 273	Computer Support Systems
PLS 274	Estate Planning, Estates, and Trust Administration
PLS 275	Law Office Management
PLS 276	Legal Ethics and Professional Responsibility
PLS 299	Paralegal Internship
PSC 100	Public Safety Telecommunicator
PSC 101	Emergency Medical Dispatch
PSC 102	Law Enforcement Dispatching
PST 160	Acute Traumatic Stress Management
PSY 207	Educational Psychology
SPT 144	Communication and Crisis
TAM 115	Principles of Metallurgy
TAM 121	Mathematics for Machinists I
TAM 123	Mathematics for Machinists II
TAM 131	Print Reading I
TAM 132	Print Reading II
TAM 139	CNC Vertical Machine Programming
TAM 141	Machine Shop Lab
TAM 142	CNC Mill Set-up
TAM 143	CNC Lathe Set-up
TAM 151	Geometric Dimensioning and Tolerancing
TAM 155	Tooling and Fixture Design
TAM 171	Machine Trades Apprentice Training I
TAM 172	Machine Trades Apprentice Training II
TAM 173	Machine Trades Apprentice Training III
TAM 174	Machine Trades Apprentice Training IV
THE 110	Introduction to Theatre
THE 111	Introduction to Technical Theater
THE 112	Fundamentals of Acting One
THE 147	Oral Interpretation
THE 148	Voice and Diction
THE 190	Theatre Rehearsal and Performance