

1.0 IDENTIFICATION

COURSE INFORMATION

Subject Code	INFO
Course Name	CGI/Perl Scripting
Course Code	BIN62
Effective Term	Spring/Summer 2012
Classification	Foundational
Program Code and Name	137 - Webmaster
Total Course Hours	18
Credit Value / Grade Type	1
Academic Year	2011/2012
Approving Associate Dean	Patricia MacDonald
Revision Date	March 28, 2011

2.0 LEARNING OVERVIEW

SUBSECTION

Course Description Learn literals, variables, control statements, functions & reading & writing data to a file. You will write CGI/Perl scripts to process information received from HTML forms & write the output in a raw data file or in an HTML web page.

PLEASE CONSULT BOOKSTORE BOOKLIST PRIOR TO PURCHASE:

Resources

Status	Code or ISBN	Name or Title	Author / Publisher	Version or Edition	Type	Status
REQ = Required REC = Recommended	0000000216027				Text	REQ

REF = Reference

Type

Online
Supply
Text Book
Custom Courseware

Pre-requisite(s)

	Subject Code	Course Code	Course Name
	INFO	BIN37	Javascript - Level 2

Equivalent(s)

N/A

3.0 COURSE CONTENT**MAJOR MODULES, THEMES, OR TOPICS**

Basics

Statements

Using Output Files

Creating Reports/Output from DATA files

4.0 REFERENCE TO STANDARDS**VS CODE****RELEVANT VOCATIONAL LEARNING OUTCOME**

N/A

EE CODE**RELEVANT ESSENTIAL EMPLOYABILITY SKILLS OUTCOME**

EE03-A Apply a systematic approach to solve problems.

EE03-B Use a variety of thinking skills to anticipate and solve problems.

EE04-A Locate, select, organize, and document information using appropriate technology and information systems.

EE04-B Analyze, evaluate, and apply relevant information from a variety of sources.

GE CODE**RELEVANT GENERAL EDUCATION THEME**

N/A

ES CODE**OTHER EXTERNAL STANDARD**

N/A

5.0 COURSE LEARNING OUTCOMES

Upon successful completion of the course learning outcomes, the student will reliably demonstrate the ability to:

LO01 Course Basics

LEARNING ELEMENTS

Common Gateway Interface

Perl Literals

Variables

Operators

More with Arrays

Writing HTML from Perl

HTML Form Data

CGI Environment Variables

JavaScript and HTML

HTML Form with Basic E-Mail Output

LO02 Statements

LEARNING ELEMENTS

Functions

Perl Built-In Functions

String Pattern Functions

Control Structures

Perl and Data Processing

URL Encoding

Subroutine to Read Form Data

LO03 Using Output Files

LEARNING ELEMENTS

Opening and Closing Files

How to Open a File

Formatting Output

Die() Function

Guest book

Sorting Data for Output File

Feedback Form

Writing to Data Files

LO04 Creating Reports/Output from DATA files

LEARNING ELEMENTS

Delimited Data Files

Data Sorting in an Array

Perl and cookies

Reading from ACSII Files

Applying the Techniques

6.0 ASSESSMENT

Individual assignment and grading details to be provided by Instructor.

Assessment Method	Weight	Associated Outcomes
Assignment(s)	40%	LO01 , LO02 , LO03 , LO04
Final Exam	60%	LO01 , LO02 , LO03 , LO04
TOTAL		

7.0 STUDENT SUCCESS - POLICIES AND PROCEDURES

Mohawk College has developed several policies and procedures designed to protect students and provide an enriching and rewarding learning experience in which the rights of individuals are respected. This may include the use of digital assessments such as [turn it in](#). For the most up to date information on the following policies and procedures, consult Mohawk College's [Policies and Procedures](#) website.

In addition, students enrolled in Mohawk/McMaster collaborative programs are protected under McMaster University's policies and procedures outlined in [General Academic Regulations](#), [McMaster Undergraduate Calendar](#), and in McMaster's [Academic Integrity Policy](#).

Please be advised that all policies and procedures are subject to change.

EFFECTIVE FALL 2009 - Policy: AC700 - Program Promotion and Graduation Requirements: A minimum grade of 50% is required as a course pass at Mohawk College. Please be aware, however, that a higher passing grade (minimum 60% or 70%) may be required if this course is taken as part of certain diploma or certificate programs. Please consult your Academic Department for details.

Additionally, if you are taking this course as part of a diploma or certificate program, be aware that you need an overall weighted grade point average (WGPA) of at least 60% to graduate. Graduation requirements are higher for some programs. Please check requirements with your department.

Note:

Faculty are required to review Emergency Lockdown procedures and Emergency Evacuation Procedures, including Evacuation Procedures for students with disabilities, at the first class of every course they are teaching each semester. This information is available in the College Emergency Safety and Security Procedures Booklet distributed to all staff in hard copy, or online in MoCoMotion within the HR Staff Services Tab in the Occupational Health and Safety Channel (Occupational Health and Safety web site).

Course information correct as of: **March 28, 2011**