MESABI RANGE COMMUNITY & TECHNICAL COLLEGE – VIRGINIA/EVELETH

Course Outline

Course Title:	**Internet Programming Languages**	**Submitted By:**	**R. Booth**
Semester Course Prefix and Number:	**CSCI 1496**	**Approval Date:**	
Old Quarter Course Prefix and Number:		**Revision Date:**	**Feb. 2002**

Number of Credits:	**3**	**Number of Lecture Credits:**	**3**
Semester(s) Offered:		**Number of Lab Credits:**	
Negotiated Class Size:		**Number of Lab Hours:**	
		Number of Studio/Demonstration/Internship Credits:	

Course Purpose Code:

_____ **0 –** Developmental Courses
_____ **1 –** Non-transferable, General Education
_____ **2 –** Technical course related to career programs
_____ **3 –** College course which has the primary goal of applying certain concepts (e.g. vocal ensemble)
__X__ **4 –** Other college course not considered a part of general education (MNTC) e.g. computer science, health, physical education
_____ **5 –** Course which is intended to fulfill the Minnesota Transfer Curriculum (MNTC) requirements.
_____ **9 –** Continuing Education/Customized Training specialized credit course (not occurring in 0-5)

Catalog Description:
A survey of web programming languages including Javascript, Java, HTML, CGI, and PERL. Basic programming techniques and design issues will be covered. Students will learn features and best applications for various languages.

Prerequisites and/or recommended entry skills/knowledge:

Course Prerequisite(s):	CSCI 1486, CSCI 1487, or permission of instructor
Reading Prerequisite:	None
Composition Prerequisite:	None
Mathematics Prerequisite:	None

Career Programs and Transfer Majors Accessing this Course:

Minnesota Transfer Curriculum Goal(s) partially met by this course if applicable: Notes: No more than two goals may be met by any one course. (Curriculum Committee review and the Chief Academic Officer's approval are required).

0. **X** None
6. _____ The Humanities and Fine Arts

1. _____ Communications
2. _____ Critical Thinking
3. _____ Natural Sciences
4. _____ Mathematical/Logical Reasoning
5. _____ History and the Social and Behavioral Sciences
7. _____ Human Diversity
8. _____ Global Perspectives
9. _____ Ethical and Civic Responsibility
10. _____ People and the Environment

Learning outcomes, including any relevant competencies listed in the Minnesota Transfer Curriculum:
Upon completion of this course, the student will be able to:

- Discuss features and proper uses of Web programming languages.
- Write elementary programs in common web programming languages.
- Debug common programming errors.
- Design a web page of intermediate complexity.

Student assessment methods:
Students will complete programming assignments and be administered written exams and quizzes.

Use of instructional technology (includes software, interactive video and other instructional technologies):
Programming concepts and techniques will be demonstrated through a projected laptop computer in lectures. Students will learn to save programs on a network and configure a web site on a web server. Software will include Netscape, Windows 95, Microsoft Office, and web authoring tools.

Outline of the major course content:
A survey of web programming languages including:

- Javascript
- Java
- HTML
- CGI
- PERL.
- Basic programming techniques
- Basic design issues will be

Additional special information (special fees, directives on hazardous materials, etc.)

Transfer Information: (Please list colleges/majors that accept this course in transfer.)

Approvals:

Body	Representative Signatures	Date
Curriculum Committee		

Faculty Association		
Meet and Confer		
Chief Academic Officer		

Distribution: Original – Administrative Office, Library, Learning Center, Records, Student Services, Curriculum Committee Chair