## Courses you could take instead of CS 134???

## ENGL 105 Poetry and Magic

Ancient Celtic texts associate the poet with powerful magic-with shape-shifting, access to the other-world, and visions of transcendent authority and truth. Plato, in his famous condemnation of poetry in The Republic, also associates poetry with magic, but with magic as a con game or sleight-of-hand trick. This course will use Plato and Celtic texts to establish a theoretical framework for reading and interpreting the representation of poetry and magic in a variety of literary works and films from the Middle Ages to the twentieth century. The goal of the course, in addition to its particular subject matter, is to develop effective reading and writing strategies for works of different genres and time periods.

## English 112 Introduction to Literary Analysis

This course is designed to encourage students to become more responsive readers of literature through the close study of a small number of works, with frequent written exercises. The emphasis is on learning how to read different types of imaginative literature, especially poetry, Shakespearean drama, and fiction.

- Syllabus = www.cs.williams.edu/~cs134
- Text and other readings
- Placement
- Labs and Homeworks
- Exam-like things
- Honor Code



ENCODING ONE ALPHABET USING ANOTHER
$A \Leftrightarrow a a$
$N \Leftrightarrow$ ea
$B \Leftrightarrow a e$
$C \Leftrightarrow a i$
D $\Leftrightarrow a$
$E \Leftrightarrow a u$
$0 \Leftrightarrow e e$
P $\Leftrightarrow$ e i
Q $\Leftrightarrow$ e o
$R \Leftrightarrow$ u
$F \Leftrightarrow a h$
$\mathrm{S} \Leftrightarrow \mathrm{e}$ h
G $\Leftrightarrow a k \quad T \Leftrightarrow e k$
$H \Leftrightarrow a \mid$
U $\Leftrightarrow$ el
I $\Leftrightarrow$ a m V $\Leftrightarrow$ em
$\mathrm{J} \Leftrightarrow{ }^{\circ} \mathrm{n}$
W <=> en
$\mathrm{K} \Leftrightarrow$ ap
$X \Leftrightarrow$ ep
L <s a w
Y <> e w
$M \Leftrightarrow a^{\prime} \quad Z \Leftrightarrow e^{\prime}$

What is
aieeen?

What is a eiaaaiaa?

ENCODING ONE ALPHABET USING ANOTHER

$$
\begin{aligned}
& \text { A } \Leftrightarrow 10 \\
& \text { N \& } 23 \\
& \text { B } \Leftrightarrow 11 \\
& \text { C } \Leftrightarrow 12 \\
& 0 \Leftrightarrow 24 \\
& \text { P \& } 25 \\
& \text { D } \Leftrightarrow 13 \\
& \text { Q } \Leftrightarrow 26 \\
& \text { E } \Leftrightarrow 14 \\
& \text { R } \Leftrightarrow 27 \\
& \text { S } \Leftrightarrow 28 \\
& \text { What is } \\
& \text { 122432? } \\
& \text { G } \Leftrightarrow 16 \quad \text { T } \Leftrightarrow 29 \\
& \text { H } \Leftrightarrow 17 \\
& \text { U << } 30 \\
& \text { I « } 18 \\
& \text { V } \Leftrightarrow 31 \\
& \text { J } \Leftrightarrow 19 \\
& \text { W < } 32 \\
& \text { X } \Leftrightarrow 33 \\
& \text { L } \Leftrightarrow 21 \\
& \text { Y \& } 34 \\
& M \Leftrightarrow 22 \\
& Z \Leftrightarrow 35
\end{aligned}
$$

ENCODING ONE ALPHABET USING ANOTHER


```
B\Leftrightarrow00001 O\Leftrightarrow011110
C\Leftrightarrow00010 P \Leftrightarrow011111
D\Leftrightarrow00011 Q \Leftrightarrow10000
E\Leftrightarrow00100 R\Leftrightarrow10001
F\Leftrightarrow00101 S \Leftrightarrow
G\Leftrightarrow00110 T \Leftrightarrow}1001
H\Leftrightarrow<> 01111 U \Leftrightarrow10100
What is
00010
01110
10110?
I << 01000 V \Leftrightarrow< 10101
J \Leftrightarrow<> O1001 W \Leftrightarrow<> 10110
K \Leftrightarrow>01010 X \Leftrightarrow> 101111
L \Leftrightarrow> 01011 Y << 11000
M\Leftrightarrow& O11100 Z < < 11100 0 1
```


## Digital Computers as Translators



## Computers as automated switchboards



