# Science of Design

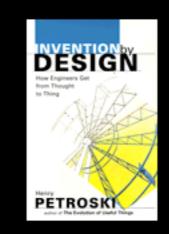
Richard P. Gabriel PhD MFA

## <1>

# We take seriously ...

...design's connection to science and engineering... ... but rarely if ever to art.

## "Invention by Design" Henry Petroski



# "The idea of design ...

## ... is what most distinguishes...

... engineering from science...

...which concerns itself principally with understanding the world as it is."



find good designers -know them by their worksand study what they do teach software design and construction seriously and rigorously

#### <aside>

	MSE	MFA
Semesters	3	5
Classes	10 courses	75 classes

	MSE	MFA
Manuscripts	1	1
Pieces	?	85
Dissertation?	no	yes

	MSE	MFA
Workshops	0	5 (150 hrs)
Essays	?	64

	MSE	MFA
Projects		5
Books Read	?	112



collect a literature of software and software-intensive artifacts create a literature and tradition of software criticism and software design theory engage the software patterns community

## "Science"

<wink, wink, nudge, nudge, say no more>

## of Design