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Technology And

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Robots: an interview with

Martin Ford Rise of the

Technology
Robots - Book Review

EP 99: Rise of the Threat

Robots: Technology and

the Threat of a Jobless

Future - author and

futurist... BBC

Documentary - Hyper

Evolution : Rise Of The

Robots (Part 1) THE

RISE OF THE ROBOTS

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Summary (Book 6/52)

— [Documentary]

~~Rise of the Robots~~

A.I Agenda 2020 | Rise of

the Machines - \"Super\"

Intelligence Quantum

Computers

Documentary Exploring

‘ Virtual Influencers ’ :

The Rise of the Robots

~~#024 — Martin Ford —~~

~~Author \"Rise Of The~~

~~Robots\" #24 | FAB~~

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BOOK VIDEOS | The
Rise of the Robots
(Future of Work, Tech
& Unemployment)

by Martin Ford Rise of
the Robots: PAGES Rise
of the Robots and the
future job market

Martin Ford interview
Martin Ford on the Rise
of the Robots Robots in
the workforce: How do
humans adapt?

Rise of the Robots Feb

Page 7/74

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2016 Will Robots Cause
Massive Unemployment
and Inequality? Rise of
the robots: An interview
with Martin Ford. The
Rise of the Machines –
Why Automation is
Different this Time The
Rise Of The Robots...
with Martin Ford

Rise Of The Robots
Technology

"I tip my hat to Martin
Ford's Rise of the

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Robots, which is vacuuming up accolades and is recommended reading for IIF staff.

Ford's analysis, in a somewhat crowded field of similar books, offers a sobering assessment of how technology (robotics, machine learning, AI, etc.) is reshaping labor markets, the composition of growth, and the

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distribution of income and wealth, and calls for enlightened political and policy leadership to address coming, accelerating disruptions and dislocations."

Rise of the Robots:
Technology and the
Threat of a Jobless ...
TECHNOLOGY. The
Technologies Behind

Page 10/74

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Rise Of The

The Rise Of Robots.

Artificial intelligence

Digitalization

TECHNOLOGY.

December 19, 2020

December 19, 2020

TechReviewsCorner.

The Technologies

Behind The Rise Of

Robots. The robot

revolution will come

whether we are prepared

for it or not. The

intelligent, self-learning

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Robots
machines are already in
our homes, our ...

Technology

And The Threat

The Technologies

Behind The Rise Of

Robots - Tech Reviews ...

Rise of the Robots:

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- Ebook written by

Martin Ford. Read this

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android, iOS devices.

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Rise of the Robots:

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The rise of the Covid

robots – in pictures

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humans are experiencing

record job losses and

economic uncertainty,

robots have become a

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hot commodity.

Technology

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Robots on the rise as

Americans experience
record job ...

Rise of the Robots is a
brisk, accessible overview
of current thinking about
the possibilities of
automation. Martin Ford
takes us through the
major issues,
technologies, and

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Robots. He begins with several chapters exploring what we mean by automation (robotics plus good software), the importance of developments over the past decade, and the macroeconomic context.

Rise of the Robots:
Technology and the
Threat of a Jobless ...

Page 15/74

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Rise Of The

In The Rise of the Robots, technology expert Martin Ford systematically outlines the achievements of artificial intelligence and uses a wealth of economic data to illustrate the terrifying societal implications. From health and education to finance and technology, his warning is stark — all jobs that are

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Of A Jobless
Future

on some level routine are likely to eventually be automated, resulting in the death of traditional careers and a hollowed-out middle class.

The Rise of the Robots:
Technology and the
Threat of Mass ...

Rise of the Robots:
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Threat of a Jobless Future

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Rise Of The

is a 2015 book by American futurist Martin Ford. Rise discusses the impact accelerating change and artificial intelligence will have on the labor market. His thesis is that there will be great social and economic disruption, as educated workers will no longer be able to find employment; unlike in previous technological

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Robots, very few new jobs will be created in the course of the ongoing disruption.

Of A Jobless

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Rise of the Robots

(book) - Wikipedia

Other examples of the

impact of automation

include the rise of

Amazon and Netflix, and

the corollary demise of

Borders and

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Rise Of The

Blockbusters. Next, the chapter discusses Cloud robots, where computation is offloaded to the cloud, providing a flexible and elastic supply, together with massive parallel processing to quickly produce results.

Rise of the Robots:
Technology and the

Page 20/74

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Rise Of The

Threat of a Jobless ...

Rise of the robots :
technology and the threat
of a jobless future /

Martin Ford. pages cm

Includes bibliographical
references and index.

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book) 1. Labor

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technological

innovations on. 3.

Employment forecasting.

4.

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Rise of the Robots

Rise of the robots :

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Martin Ford. pages cm

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Page 22/74

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Employment forecasting.

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Rise of the Robots -

Universidade de

Page 23/74

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Coimbra

Transcript. The Rise of
the Robots. PBS Airdate:
February 24, 2016.

NARRATOR: It's one of
the most ambitious
challenges in the history
of technology:... GILL
PRATT (Defense
Advanced Research ...

Rise of the Robots |

NOVA | PBS

Page 24/74

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Technology
And The Threat
Of A Jobless
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Martin Ford is a futurist and author focusing on artificial intelligence and robotics, and the impact of these technologies on the job market, economy and society.. He has written three books on technology. His 2015 book, Rise of the Robots: Technology and the Threat of a Jobless Future, was a New York Times bestseller and won

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the £ 30,000 Financial
Times and McKinsey
Technology
Business Book of the
Year ...
And The Threat
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Martin Ford (author) -
Wikipedia

Teleoperated robots are
user-controlled robots
such as drones, surgical
robots and those
designed for use on
construction sites or

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Robots
other dangerous
environments. Sarcos has
developed its Guardian
XT, which is a dexterous
robot that performs the
human-like skills of its
user while they remain in
a safe location.

The Steady Rise of
Robots in the Workplace
> ENGINEERING.com
May 18, 2015 • The

Page 27/74

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Robots have long been used in manufacturing, but Martin Ford, author of Rise of the Robots, says they're now poised to replace humans as teachers, lawyers and even journalists....

Rise of the Robots : NPR

Existing technology has advanced nursing in many ways and

Page 28/74

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Robots
Technology
And The Threat
Of A Jobless
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contributed to patient safety but at the cost of decreasing nurse-patient interaction. As health care technology progresses to the inclusion of artificial intelligence (AI), the future impact on nursing and direct patient care remains largely unknown, unexplored, and difficult to predict.

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Rise of the Robots: Is
Artificial Intelligence a
Friend or ...

We must decide, now,
whether the future will
see broad-based
prosperity or
catastrophic levels of
inequality and economic
insecurity. Rise of the
Robots is essential
reading to understand
what accelerating

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Robots
technology means for
our economic prospects-
not to mention those of
our children-as well as
for society as a whole.

Future

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Threat of a Jobless ...

In Rise of the Robots,
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outlines the achievements

Page 31/74

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economic data to

illustrate the terrifying

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The New York Times-
bestselling guide to how
automation is changing
the economy,

undermining work, and
reshaping our lives

Winner of Best Business
Book of the Year awards
from the Financial Times
and from Forbes "Lucid,
comprehensive, and
unafraid...;an

indispensable
contribution to a long-

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Robots
running argument." --Los

Angeles Times What are
Technology
the jobs of the future?

And The Threat
How many will there be?

Of A Jobs
And who will have them?

Future
As technology continues
to accelerate and

machines begin taking
care of themselves, fewer
people will be necessary.

Artificial intelligence is
already well on its way to
making "good jobs"

obsolete: many

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Robots, paralegals, journalists, office workers, and even computer programmers are poised to be replaced by robots and smart software. As progress continues, blue and white collar jobs alike will evaporate, squeezing working- and middle-class families ever further. At the same time, households are under assault from exploding

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Robots
Technology
And The Threat
Of A Jobless
Future

costs, especially from the two major industries-education and health care-that, so far, have not been transformed by information technology. The result could well be massive unemployment and inequality as well as the implosion of the consumer economy itself. The past solutions to technological disruption, especially

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Robots
Technology
And The Threat
Of A Darker
Future

more training and education, aren't going to work. We must decide, now, whether the future will see broad-based prosperity or catastrophic levels of inequality and economic insecurity. Rise of the Robots is essential reading to understand what accelerating technology means for our economic prospects-

File Type PDF Rise Of The Robots Technology And The Threat Of A Jobless Future

not to mention those of our children-as well as for society as a whole.

Intelligent algorithms are already well on their way to making white collar jobs obsolete: travel agents, data-analysts, and paralegals are currently in the firing line. In the near future, doctors, taxi-

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Robots and ironically

even computer

programmers are poised

to be replaced by

‘ robots ’. Without a

radical reassessment of

our economic and

political structures, we

risk the very implosion of

the capitalist economy

itself. In The Rise of the

Robots, technology

expert Martin Ford

systematically outlines

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Robots
the achievements of
artificial intelligence and
uses a wealth of
economic data to
illustrate the terrifying
societal implications.

And The Threat
Of A Jobless
Future
From health and
education to finance and
technology, his warning
is stark – all jobs that are
on some level routine are
likely to eventually be
automated, resulting in
the death of traditional

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Robots a hollowed-

out middle class. The

robots are coming and

we have to decide —

now — whether the

future will bring

prosperity or

catastrophe.

With the exception of

sleep, humans spend

more of their lifetimes on

work than any other

activity. It is central to

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And The Threat
Of A Jobless
Future

our economy, society,
and the family. It
underpins our finances
and our sense of meaning
in life. Given the
overriding importance of
work, we need to
recognize a profound
transformation in the
nature of work that is
significantly altering lives:
the incoming tidal wave
of shadow work. Shadow
work includes all the

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Technology
And The Threat
Of A Jobless
Future

unpaid tasks we do on behalf of businesses and organizations. It has slipped into our routines stealthily; most of us do not realize how much of it we are already doing, even as we pump our own gas, scan and bag our own groceries, execute our own stock trades, and build our own unassembled furniture. But its presence

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Robots
Technology
And The Threat
Of A Jobless
Future

is unmistakable, and its effects far – reaching. Fueled by the twin forces of technology and skyrocketing personnel costs, shadow work has taken a foothold in our society. Lambert terms its prevalence as "middle – class serfdom," and examines its sources in the invasion of robotics, the democratization of

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Robots, and new
demands on individuals
at all levels of society. The
end result? A more
personalized form of
consumption, a great
social leveling (pedigrees
don't help with shadow
work!), and the
weakening of
communities as robotics
reduce daily human
interaction. Shadow
Work offers a field guide

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Robots to this new phenomenon.

It shines a light on these trends now so prevalent in our daily lives and, more importantly, offers valuable insight into how to counter their effects. It will be essential reading to anyone seeking to understand how their day got so full—and how to deal with the ubiquitous shadow work that surrounds them.

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Robots

A computer engineer from Silicon Valley employs a powerful thought experiment to explore the economy of the future. An imaginary "tunnel of lights" is used to visualize the economic implications of the new technologies that are likely to appear in the coming years and decades. Challenged are

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And The Threat
Of A Jobless
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nearly all conventional views of the future and the danger that lies ahead if we do not plan for the impact of rapidly advancing technology is illuminated. It also offers unique insights into how technology will intertwine with globalization to shape the remainder of the 21st century, and explores ways in which the

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And The Threat
Of A Jobs
Future

economic realities of the future might offer new approaches to addressing global challenges such as poverty and climate change.

An “ intriguing, insightful ” look at how algorithms and robots could lead to social unrest—and how to avoid it (The Economist, Books of the Year). After

Page 50/74

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Technology
And The Threat
Of A Jobless
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decades of effort,
researchers are finally
cracking the code on
artificial intelligence.

Society stands on the
cusp of unprecedented
change, driven by
advances in robotics,
machine learning, and
perception powering
systems that rival or
exceed human
capabilities. Driverless
cars, robotic helpers, and

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intelligent agents that promote our interests have the potential to usher in a new age of affluence and leisure—but as AI expert and Silicon Valley entrepreneur Jerry Kaplan warns, the transition may be protracted and brutal unless we address the two great scourges of the modern developed

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And The Threat
Of A Jobless
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world: volatile labor markets and income inequality. In *Humans Need Not Apply*, he proposes innovative, free-market adjustments to our economic system and social policies to avoid an extended period of social turmoil. His timely and accessible analysis of the promises and perils of AI is a must-read for business leaders

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Robots
and policy makers on
both sides of the aisle.

“ A reminder that AI
systems don ’ t need red
laser eyes to be
dangerous. ” —Times

Higher Education
Supplement

“ Kaplan...sidesteps the
usual arguments of
techno-optimism and
dystopia, preferring to go
for pragmatic solutions
to a shrinking pool of

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jobs.” —Financial
Times

Technology

Book Description How

will AI evolve and what
major innovations are on
the horizon? What will its

impact be on the job

market, economy, and

society? What is the path

toward human-level

machine intelligence?

What should we be

concerned about as

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artificial intelligence

advances? Architects of

Technology

Intelligence contains a

series of in-depth, one-to-

one interviews where

New York Times

bestselling author, Martin

Ford, uncovers the truth

behind these questions

from some of the

brightest minds in the

Artificial Intelligence

community. Martin has

wide-ranging

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Technology
And The Threat
Of A Jobless
Future

conversations with
twenty-three of the
world's foremost
researchers and
entrepreneurs working in
AI and robotics: Demis
Hassabis (DeepMind),
Ray Kurzweil (Google),
Geoffrey Hinton (Univ.
of Toronto and Google),
Rodney Brooks (Rethink
Robotics), Yann LeCun
(Facebook) , Fei-Fei Li
(Stanford and Google),

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Yoshua Bengio (Univ. of
Montreal), Andrew Ng
(AI Fund), Daphne
Koller (Stanford), Stuart
Russell (UC Berkeley),
Nick Bostrom (Univ. of
Oxford), Barbara Grosz
(Harvard), David
Ferrucci (Elemental
Cognition), James
Manyika (McKinsey),
Judea Pearl (UCLA),
Josh Tenenbaum (MIT),
Rana el Kaliouby

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(Affectiva), Daniela Rus

(MIT), Jeff Dean

(Google), Cynthia

Breazeal (MIT), Oren

Etzioni (Allen Institute

for AI), Gary Marcus

(NYU), and Bryan

Johnson (Kernel).

Martin Ford is a

prominent futurist, and

author of Financial

Times Business Book of

the Year, Rise of the

Robots. He speaks at

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Robots and
companies around the
world on what AI and
automation might mean
for the future.

Future

Staying true to his
trademark journalistic
approach, Andr  s
Oppenheimer takes his
readers on yet another
journey, this time across
the globe, in a thought-
provoking search to

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And The Threat
Of A
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understand what the future holds for today's jobs in the foreseeable age of automation. The Robots Are Coming! centers around the issue of jobs and their future in the context of rapid automation and the growth of online products and services. As two of Oppenheimer's interviewees -- both experts in technology

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Of A Dull
Future

and economics from
Oxford University --
indicate, forty-seven
percent of existing jobs
are at risk of becoming
automated or rendered
obsolete by other
technological changes in
the next twenty years.
Oppenheimer examines
current changes in several
fields, including the food
business, legal work,
banking, and medicine,

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speaking with experts in the field, and citing articles and literature on automation in various areas of the workforce.

He contrasts the perspectives of "techno-optimists" with those of "techno-negativists" and generally attempts to find a middle ground between an alarmist vision of the future, and one that is too uncritical. A self-

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Robots
described "cautious
-optimist", Oppenheimer
Technology
believes that technology
And The Threat
will not create massive
Of A Jobless
unemployment, but
Future
rather will drastically
change what work looks
like.

How to educate the next
generation of college
students to invent, to
create, and to
discover—filling needs

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Robots that even the most sophisticated robot cannot. Driverless cars are hitting the road, powered by artificial intelligence. Robots can climb stairs, open doors, win Jeopardy, analyze stocks, work in factories, find parking spaces, advise oncologists. In the past, automation was considered a threat to low-skilled labor. Now,

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Robots
Technology
And The Threat
Of A Jobless
Future

many high-skilled functions, including interpreting medical images, doing legal research, and analyzing data, are within the skill sets of machines. How can higher education prepare students for their professional lives when professions themselves are disappearing? In Robot-Proof, Northeastern University

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Robots
president Joseph Aoun

Technology
proposes a way to
educate the next

And The Threat
generation of college

Of A Jobs
students to invent, to

Future
create, and to

discover—to fill needs in

society that even the

most sophisticated

artificial intelligence

agent cannot. A “ robot-

proof ” education,

Aoun argues, is not

concerned solely with

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topping up students' minds with high-octane facts. Rather, it calibrates them with a creative mindset and the mental elasticity to invent, discover, or create something valuable to society—a scientific proof, a hip-hop recording, a web comic, a cure for cancer. Aoun lays out the framework for a new discipline,

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Robots, which builds on our innate strengths and prepares students to compete in a labor market in which smart machines work alongside human professionals.

The new literacies of Aoun's humanics are data literacy, technological literacy, and human literacy.

Students will need data literacy to manage the

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And The Threat
Of A Jobless
Future

flow of big data, and technological literacy to know how their machines work, but human literacy—the humanities, communication, and design—to function as a human being. Life-long learning opportunities will support their ability to adapt to change. The only certainty about the future is change. Higher

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Robots
Technology
And The Threat
Of A Jobs
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education based on the new literacies of humanics can equip students for living and working through change.

Future

In the early nineties, a visionary special-effects guru named Marc Thorpe conjured a field of dreams different from any the world had seen before: It would be framed by unbreakable

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Robots
-Technology
And The Threat
Of A Jobless
Future

plastic instead of
cornstalks; populated not
by ghostly ballplayers but
by remote-controlled
robots, armed to the
steely teeth, fighting in a
booby-trapped ring. If
you built it, they'd come
all right.... In Gearheads,
Newsweek technology
correspondent Brad
Stone examines the
history of robotic sports,
from their cultish early

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And The Threat
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years at universities and sci-fi conventions to today's televised extravaganzas -- and the turmoil that threatened the whole enterprise almost from the beginning. By turns a lively historical narrative, a legal thriller, and an exploration of a cultural and technological phenomenon, Gearheads is a funny and fascinating

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look at the sport of the
future today.

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And The Threat

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