

# CS 581

## *Advanced Artificial Intelligence*

January 8, 2024

# Who am I and how to contact me?

- My name is Jacek Dzikowski
- BSc in Automation in Robotics from AGH University of Science and Technology in Krakow, Poland
- MSc in Computer Science from IIT
- PhD in Computer Science from IIT
- Taught CS480 in Fall 2021, Spring 2022, Fall 2022, Spring 2023, and Fall 2023
- E-mail: **dzikjac@iit.edu** (or dzikjac@hawk.iit.edu)
- **Office: Stuart Building 217E**
- **Office hours:**
  - Tuesdays / Thursdays 12:50 PM - 01:35 PM CST (walk-in, no need to schedule it)
  - Wednesdays 01:50 PM – 02:50 PM CST (walk-in, no need to schedule it)
  - or by appointment (limited: please email me to schedule it [in person or online])

# Emails

**I have close to 400 students this semester and I want to help you all, but to do so efficiently, I will need your cooperation. So:**

- please read this: <https://www.insidehighered.com/views/2015/04/16/advice-students-so-they-dont-sound-silly-emails-essay>)
- **Add to email subject: [CS581 Spring 2024]**
- **Check Syllabus, lecture slides, Blackboard Discussion Board and review lectures before asking me questions that I already answered**
- **Use lecture time and Blackboard Discussion Board to ask questions so everyone can see my answers**
- **Spare me the ChatGPT-(and the like)-generated email fluff, please. Write it yourself and get to the point quickly**
- **Don't expect me to respond during weekends and "after hours".**
- **In-person students: you are supposed to be in class and ask your questions in class. If you chose to skip the class, don't expect me to explain the material to you personally via email. That's rude and unprofessional**
- **Online students: I should respond to you within one business day**

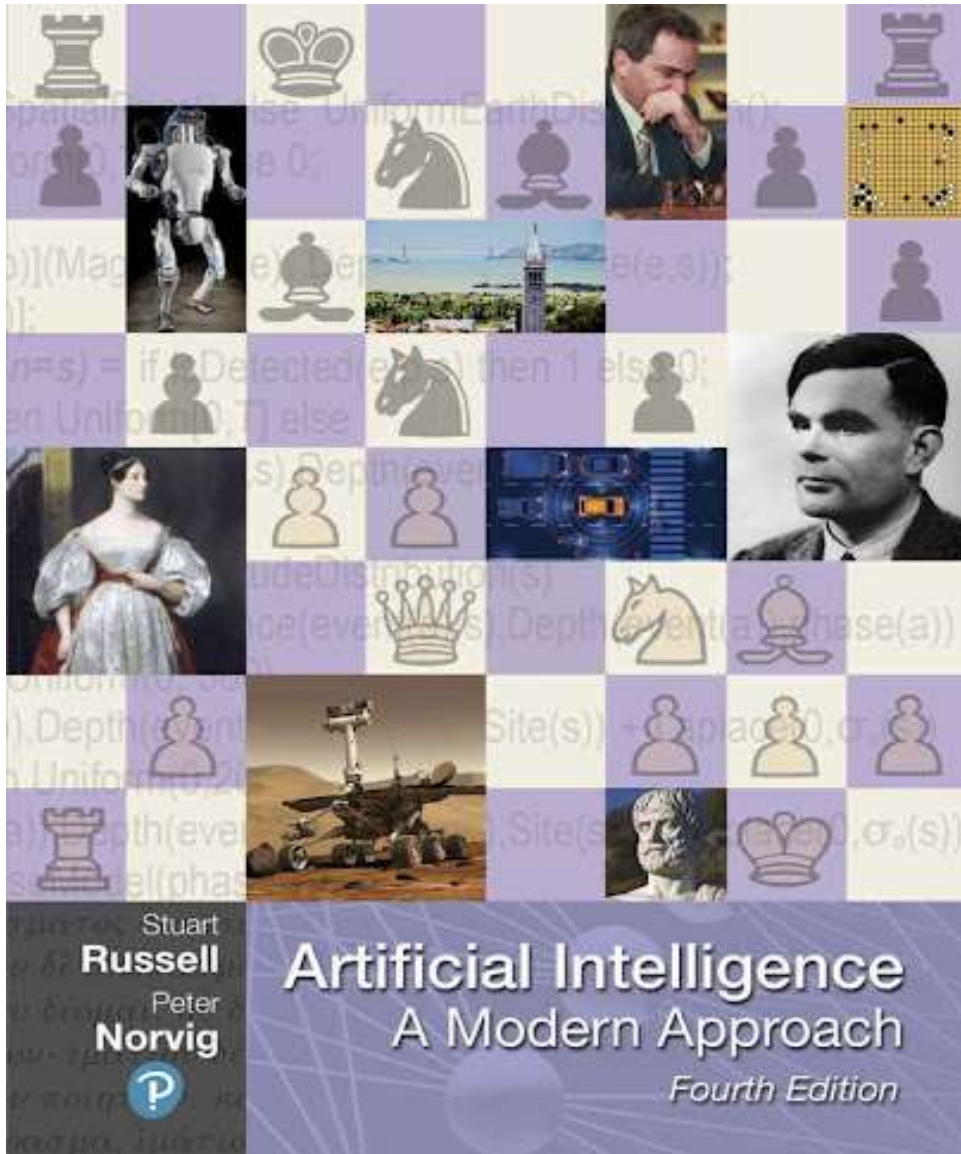
# Plan for Today

- Introduction
- Syllabus
- **NO office hours this week**

# Course Communication / Materials

- Course materials will be available on Blackboard
- Quizzes - in Blackboard
- Communication - **via Blackboard announcements**

# Textbook [OPTIONAL]



Title:

Artificial Intelligence: A Modern Approach (4th Edition)

Authors:

Stuart Russell and Peter Norvig

ISBN:

9780134610993

Publisher:

Pearson

Published:

April 28th, 2020

# Weekly Schedule and Tasks

Recurring meetings:

- Lectures: Mondays and Wednesdays 03:15 PM CST – 04:30 PM CST in PS 111

Weekly TO DO list (Blackboard Announcement):

- Reminders
- Possible reading and viewing (videos) assignments
- Written / programming assignments if any



# What Will You Use / Need?

- Blackboard
- Access to a computer with Python
- Decent math / statistics / programming skills
- Attend the class regularly
- Key CS skills:
  - **Data structures (trees, graphs, lists, etc.)**
  - **Recursion**
  - Object-oriented programming
- Problem-solving skills / Abstract thinking
- Curiosity and open mind
- Creativity



# Teaching Assistants

Name	e-mail	Office hours
TBD		
TBD		
TBD		
TBD		

TAs will:

- assist you with your assignments,
- hold office hours to answer your questions,
- grade your assignments (**a specific TA will be assigned to you**).

**Take advantage of their time and knowledge!**

**DO NOT email them with questions unrelated to lab grading.**

**Make time to meet them during their office hours.**

**Add a [CS581 Spring 2024] prefix to your email subject when contacting TAs, please.**

# Exams

- Two exams (see Syllabus for dates)
  - NOT cumulative
  - Topics list will be posted in advance
- One double-sided letter-sized cheat sheet allowed
- Nothing on the exam will go beyond lectures and assigned work (including reading assignments!)
- I will NOT provide sample exams
- Exams mean way more to me than assignments

# Assignments

Use assignments to study and prepare for exams. Exams matter more.

No extra credit. Late assignment submissions are NOT going to be accepted.

Exceptions:

- There is a 10 minutes grace period for your Blackboard submissions. If you submit your work more than 10 minutes after the deadline, it will not be accepted.
- **ONE TIME ONLY OPTION**: ONE late (**within 16 hours from the deadline, but no more [no grace period]**) submission will be accepted with 50% penalty. **This can be only used ONCE PER SEMESTER and will apply to your FIRST late submission (others will not be accepted).**
- Exceptions to this policy for medical reasons will only be granted with the permission of the Associate Chair of the Computer Science department. Please direct requests for medical exceptions to this late policy, and supporting documentation, to the Associate Chair.

**Let's go over the Syllabus now..**