Stateson, Keith

1. What language will be used for doing programming assignments?

**Python**

1. What IDE (integrated Development Environment) will be used for doing programming assignment?

**Jupyter Notebook**

1. What main topics will be covered in the class?

**This beginning course will introduce students to various concepts, algorithms, and techniques used in programming common Artificial Intelligence (AI) applications using the Python programming language and its AI related libraries.**

* **Example: AI supervised classification**

1. Is it a fully online class?

**Yes**

1. Will there be any zoon lectures for the class?

**No**

1. Will it be possible to turn in assignments past the due date?

**No, with few exceptions**

1. What will be the penalty for turning in assignments late?

**None, as long as the assignment is still open**

1. Will there be any actual midterm and final exams?

**No, they are projects.**

1. How many minimum points are needed to get an A?

**360**

1. What are timings to call for questions or help?

**8pm**

1. List all programming courses you have completed at dvc or at other institutions.

**Currently enrolled in "COMSC 140: Python Programming" with Prof. Lee this Summer.**

1. List all other programming experience you have through self-study, workshops, work experience, or any other way.

**Work Experience**

* **Python: Basic skills for data/trend projection and conducting data extraction and analysis.**
* **Visual Basic for Applications (VBA): Developed macros to analyze data.**
* **Tableau: Created calculation fields for data visualization.**
* **Power BI: Utilized DAX calculation fields and Power Query M for data analysis.**

**Self-Study:**

* **Python: "Python Crash Course" by Eric Matthes.**
* **Python: "100 Days of Code: The Complete Python Pro Bootcamp" by Angela Yu (completed 20%).**

**Classes Taken Long Ago:**

* **MATLAB, Fortran, Unix, Java**

1. What would you like to gain from taking this class.

**Enhance my understanding of artificial intelligence concepts and applications, and gain practical skills that I can apply to real-world problems and projects.**

* **Develop advanced data analysis and predictive modeling skills for trend analysis and fraud detection**
* **Implement advanced automation to clean data and develop dashboards**
* **Explore natural language processing (NLP)**
* **Build chatbots for programs like SNAP, WIC and Children's Nutrition**
* **Develop AI MIDI music creation and audio processing**
* **Learn and implement automated posting for social media**