

QuantHub PD Registration

Updated 6.29.24



You will need to register for all skills you have completed in the platform to get Professional Development credit.

These course registrations are offered through AMSTI. It is the responsibility of the teacher to register for courses completed in QuantHub and verifying correct reporting on the PowerSchool transcript.

TEAMS Contract Teachers: The usage of QuantHub hours under your TEAMS contract may differ from one school to another. QuantHub's professional development services are provided via a state contract, and all courses, with the exception of the initial course required for access, are available asynchronously. This flexibility makes QuantHub an excellent choice for off-contract, state-approved professional development hours, provided your school authorizes the use of your credits in this manner.

Step 1: Check the skills you have completed in your QuantHub account by viewing your "Skill Profile" accessible from the dropdown menu in the top right corner.

Step 2: Click the registration link on this form next to the skillset you have completed to register for the course.

Step 3: Repeat the process for each skill you have mastered.

QuantHub will submit course rosters the last Friday of each month. AMSTI may take up to one additional month to report participation on your transcript.

For further assistance, email us at support@guanthub.com.

Skillset 1: Introduction to Data Literacy (+synchronous onboarding): PS Section #506316 (5 hours)

Skills Include:

1. Using QuantHub to Teach Data Literacy: Onboarding + Learning with QuantHub

To receive credit for your first skill and subsequent professional development, teachers must complete the following.

- Complete Asynchronous Orientation
- Live onboarding with QuantHub team. Schedule here
- Master your first skill "Learning with QuantHub"
- Submit your Onboarding Survey
- 2. Protecting your Data
- 3. Becoming Data Literate



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Skillset 2: Data Visual Literacy: PS Section #506318 (4 hours)

Skills Include:

- 1. Introduction to reading charts
- 2. Identifying chart types
- 3. Interpreting chart scaffolding
- 4. Interpreting chart data encoding

Skillset 3: Machine Learning Foundations: PS Section #506320 (8 hours)

Skills Include:

- 1. Working with Python
- 2. Teaching machines
- 3. The machine learning process
- 4. Training a machine learning model
- 5. Preparing data for a machine learning project
- 6. Planning a machine learning project
- 7. Sharing a machine learning model

Skillset 4: Practical Artificial Intelligence for the Digital Citizen: PS Section #506324 (5 hours)

Skills Include:

- 1. A guide to entering an Al-enhanced workforce
- 2. Ethical considerations for Al application users
- 3. Introduction to boosting productivity with AI
- 4. Introduction to prompt engineering
- 5. Al productivity tool landscape

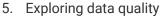
Skillset 5: Exploratory Data Analysis: PS Section #506326 (12 hours)

Skills Include:

- 1. Introduction to exploratory data analysis
- 2. Framing exploratory data analysis
- 3. Exploring metadata
- 4. Exploring data types



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- 6. Exploring distributions
- 7. Exploring association
- 8. Exploring correlation
- 9. Exploring dispersion
- 10. Exploring central tendency

Skillset 6: Data Wrangling: PS Section #506328 (5 hours)

Skills Include:

- 1. Identifying data
- 2. Recording data
- 3. Data ethics
- 4. Working with spreadsheets
- 5. Citizen's guide to SQL

Skillset 7: Data Storytelling: PS Section #506330 (5 hours)

Skills Include:

- 1. Discovering data storytelling
- 2. Uncovering a data story
- 3. Building data storytelling narratives
- 4. Designing visual narratives
- 5. Presenting data stories

Skillset 8: Statistical Problem Solving: PS Section #506333 (7 hours)

Skills Include:

- 1. Discovering statistics
- 2. The statistical investigative process
- 3. Designing a statistical study
- 4. Collecting data for statistical analysis
- 5. Testing a hypothesis
- 6. Interpreting statistical results