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QuantHub PD Registration

You will need to register for all skills you have completed in the QuantHub 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: Verify 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 skill you have mastered 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@quanthub.com.

1. **Using QuantHub to Teach Data Literacy: Onboarding + Learning with QuantHub (2 hours)**
   Section 1: PS Section #486615

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. **Introduction to Data Literacy (4 hours)**
   Section 1: Protecting your Data (PS Section #487833)
   Section 2: Becoming Data Literate (PS Section #487835)
3. **Data Visual Literacy (8 hours)**
   Section 1: Introduction to reading charts (PS Section #487866)
   Section 2: Identifying chart types (PS Section #487867)
   Section 3: Interpreting chart scaffolding (PS Section #487868)
   Section 4: Interpreting chart data encoding (PS Section #487870)
4. **Practical Artificial Intelligence for the Digital Citizen (10 hours)**
   Section 1: A guide to entering an AI enhanced workforce (PS Section #494591)
   Section 2: AI Productivity Landscape (PS Section #494592)

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Section 3: Introduction to Prompt Engineering (PS Section #494603)
Section 4: Intro to Boosting Productivity with AI (PS Section #494606)
Section 5: Ethical Considerations for Artificial Intelligence (PS Section #494609)

5. **Data Wrangling (10 hours)**
   Section 1: Identifying data (PS Section #487860)
   Section 2: Recording data (PS Section #487861)
   Section 3: Working with spreadsheets (PS Section #487862)
   Section 4: Citizen's guide to SQL (PS Section #487863)
   Section 5: Data Ethics (PS Section #487865)
6. **Data Analysis (20 hours)**
   Section 1: Introduction to exploratory data analysis (PS Section #487871)
   Section 2: Framing exploratory data analysis (PS Section #487872)
   Section 3: Exploring metadata (PS Section #487874)
   Section 4: Exploring data types (PS Section #487875)
   Section 5: Exploring data quality (PS Section # 487876)
   Section 6: Exploring central tendency (PS Section # 487877)
   Section 7: Exploring distributions (PS Section # 487878)
   Section 8: Exploring associations (PS Section # 487879)
   Section 9: Exploring dispersion (PS Section # 487880)
   Section 10: Exploring correlation (PS Section # 487881)
7. **Data Storytelling (10 hours)**
   Section 1: Discovering Data Storytelling (PS Section # 494611)
   Section 2: Building Data Storytelling (PS Section # 494612)
   Section 3: Designing Visual Narratives (PS Section #494614)
   Section 4: Uncovering a Data Story (PS Section # 496617)
   Section 5: Presenting Data Stories (PS Section # 494615)
8. **Statistical Problem Solving (12 hours)**
   Section 1: Discovering Statistics (PS Section #487849)
   Section 2: The statistical investigative process (PS Section #487851)
   Section 3: Designing a statistical study (PS Section #487852)
   Section 4: Collecting data for statistical analysis (PS Section #487853)
   Section 5: Testing a hypothesis (PS Section #487854)
   Section 6: Interpreting statistical results (PS Section 487855)
9. **Machine Learning Foundations (14 hours)**
   Section 1: Teaching Machines (PS Section # 49494)
   Section 2: The Machine Learning Process (PS Section: 494601)
   Section 3: Preparing data for a Machine Project (PS Section # 494595)
   Section 4: Planning a Machine Learning Project (PS Section # 494593)
   Section 5: Training a Machine Made Model (PS Section # 494600)
   Section 6: Sharing A Machine Model (PS Section # 494598)
   Section 7: Working with Python (PS Section # 494599)