**Interdisciplinary Course Guest Lecturer Verification Form**

**Semester:  Fall  Spring  Winter  Summer Year: \_2019\_\_\_\_\_\_**

**Gust Lecture Date(s): Oct. 1, 2019**

**Guest Lecturer Information:**

**Guest Lecturer Name:** \_\_ Paul C. King\_ **Signature:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Discipline/Department:**  Architectural Technology

**Hours:  1 hour/15 min  2 hours/30 min  3 hours/45 min  5 hours** (see instructions on back)

**Additional Lecturers or Co-Lecturers at same session: (use a separate form for each guest lecturer)**

1. **Name:**  \_Janet Liou-Mark \_\_ **Department/Discipline:** Mathematics \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. **Name**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Department/Discipline**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. **Name**: \_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ **Department/Discipline**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Title of Guest Topic:** \_ The Vitruvian Man and Mathematics \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Description of Lecture:**

|  |
| --- |
| An introduction to the ideas of Vitruvius and the drawings of Leonardo Da Vinci and their connection to mathematical principles including the golden section/ratio and the Fibonacci sequence. The lecture begins with an activity that asks students to work in pairs to measure themselves – for example wingspan of their arms and their heights. This information is input into a prepared excel spreadsheet with formulas which calculate and compares the proportions of the students.  This introduces the writing of Vitruvius who noted these relationships and the Leonardo Da Vinci’s “Vitruvian Man” a drawing based on the words of Vitruvius. The proportions noted here are also found in mathematics including the Fibonacci sequence which is explained by the mathematician. The lecture looks at the human body from both the perspective of the Architect and the Mathematician. |

**Materials Provided: \_ PowerPoint and Excel Spreadsheet Workbook\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Course Information:**

**Course Instructor**: Laureen Park  **Signature:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Course Number & Section:**  \_ ENG 1773, D800\_\_\_  **Course Name:** \_\_ Weird Science

**Course Description/Learning Outcomes:**

|  |
| --- |
| *Weird Science* explores the large question of what it means to be human through a wide-range of literature from diverse disciplines, including philosophy, physics, mathematics, economics, nursing, etc. It seeks to connect and integrate the various perspectives through writing intensive projects, as well as a collaborative group project using virtual reality to represent students’ concept through the visual. The lecture provided by Professors Paul King and Janet Liou-Mark depicts humanity in a wider context in which our bodily proportions correspond exactly with proportions of bodies throughout nature. They ask, is this merely a coincidence? Their lecture helps students to ponder human nature in its objective, scientific, mathematical aspect alongside readings on Dawkins, and Prof. Reginald Blake’s talk on physics. This can be contrasted to and mapped with more philosophical, psychological and social approaches. |

**Form Instructions:**

Workload credit is available if you serve as a guest lecturer. To receive 1 workload credit, you must complete 6 guest lecture sessions - minimum of one hour and 15 minutes duration - within a given academic year (Fall/Spring terms). The accrual period (academic year) is August through May (ex. Aug 2018 – May 2019). Credits earned within a given academic year must be used over the next two academic years. Summer guest lectures do not count toward this accrual. All faculty, both part-time and full-time, are compensated at the 60 percent non-teaching rate for summer guest lectures.

Each guest lecturer must complete and sign their own form and give this to the course instructor for signature verification. It is strongly recommended that guest lecturers complete and send the form to the course instructor at least 24 hours in advance of the lecture and get it signed directly after the lecture. **Guest lecturers should forward completed and signed forms to Amanda Almond, Interdisciplinary Course Coordinator at** [**aalmond@citytech.cuny.edu**](mailto:aalmond@citytech.cuny.edu)

If you co-lecture during the same class session, each faculty member gets full credit and is to fill out their own form listing themselves at top as the “Guest Lecturer” and listing additional guest lecturers who attended the same session on the section below.

If you attend more than one class for the same course please use a single form and list all dates at the top.

**Workload Units Credit:**

1 guest lecture: A minimum required time to receive credit for one guest lecture session is 1 hour, 15 min.

2 guest lectures: For a two-hour, 30 min. session.

3 guest lectures: For a three-hour, 45 min. session.

4 guest lectures: For a five-hour session.

Guest lecturers should forward completed and signed forms to Amanda Almond, Interdisciplinary Course Coordinator at [aalmond@citytech.cuny.edu](mailto:aalmond@citytech.cuny.edu)

**Use the space below if needed for additional comments:**

|  |
| --- |
|  |