GT Pathways Curriculum

Course Submittal Form and Institutional Verification

Content Area: Natural & Physical Sciences
Subcategory: GT-SC2 – Lecture Course without Required Laboratory

Date: _____

Institution: _____

Section I: Natural & Physical Sciences (N&PS) Content Criteria – GT-SC2

The following required **N&PS content criteria** shall be either: 1) *copied and pasted verbatim* into each instructor's syllabus, <u>OR</u> 2) *mapped* to the institution's own content criteria in each instructor's syllabus:

1. The lecture content of a GT Pathways science course (GT-SC1 or **GT-SC2**):
    a. Develop foundational knowledge in specific field(s) of science.
    b. Develop an understanding of the nature and process of science.
    c. Demonstrate the ability to use scientific methodologies.
    d. Examine quantitative approaches to study natural phenomena.

Section II: Competencies & Student Learning Outcomes for GT-SC2

The following Student Learning Outcomes (SLOs) for the required GT-SC2 competencies, _Inquiry & Analysis_ and _Quantitative Literacy_, shall be either: 1) _copied and pasted verbatim_ into each instructor's syllabus, OR 2) _mapped_ to the institution's own competencies and SLOs in each instructor's syllabus.

Inquiry & Analysis:

4. **Select or Develop a Design Process**
   a. Select or develop elements of the methodology or theoretical framework to solve problems in a given discipline.
5. **Analyze and Interpret Evidence**
   a. Examine evidence to identify patterns, differences, similarities, limitations, and/or implications related to the focus.
   b. Utilize multiple representations to interpret the data.
6. **Draw Conclusions**
   a. State a conclusion based on findings.

Quantitative Literacy:

1. **Interpret Information**
   a. Explain information presented in mathematical forms (e.g., equations, graphs, diagrams, tables, words).
2. **Represent Information**
   a. Convert information into and between various mathematical forms (e.g., equations, graphs, diagrams, tables, words).

Section III: GT-SC2 Courses to Include in GT Pathways Curriculum

Add additional rows as needed.

Course Prefix & Number	Course Title	Number of Credits	Effective Date

Section IV: Institutional Process to Verify GT Pathways Compliance

Brief description of the on-campus process(es) used to ensure that, going forward, instructors are uniformly and consistently communicated to regarding the following expectations: (1) either copy and paste verbatim the required GT Pathways content criteria, competencies, and SLOs into their syllabi, or (2) map the required GT Pathways content criteria, competencies, and SLOs to the institution's own content criteria, competencies, and SLOs. (Provide a link, add additional rows or attach a document, if necessary.):

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Section V: Institutional Verification

1. I verify that the courses listed above are part of our institution's general education core.
2. I verify that the courses listed above are offered at least once every two years (for CCCS, offered at a campus in the System).
3. I verify that course instructors are uniformly and consistently director to include the required GT Pathways content criteria and competencies/Student Learning Outcomes, and that our institution will make a good faith effort to ensure faculty have the necessary resources to teach these content criteria and competencies.
4. I verify that instructors of these courses will be/have been directed to include the following statement in their course syllabi:

   The Colorado Commission on Higher Education has approved [course prefix & number] for inclusion in the Guaranteed Transfer (GT) Pathways program in the [GT-XXX] category. For transferring students, successful completion with a minimum C- grade guarantees transfer and application of credit in this GT Pathways category. For more information on the GT Pathways program, please visit the Colorado Department of Higher Education website.

Chief Academic Officer: _____

                                                     Printed Name

                                    _____

                                                     Signature

                                    _____

                                                     Date