

Examples: Impact, Indicators and Sources of data/information

<p>1. Actions and behaviours (e.g., time on task, enrolment)</p> <ul style="list-style-type: none"> a. Attendance <ul style="list-style-type: none"> i. Observation ii. Self reports iii. System logs b. Time on task <ul style="list-style-type: none"> i. System logs ii. Self reports c. Enrolment <ul style="list-style-type: none"> i. Course registration d. Forum activity <ul style="list-style-type: none"> i. Who posts and how often? ii. Who talks with whom? (social network analysis) e. Participation <ul style="list-style-type: none"> i. Observation ii. Self reports 	<p>3. Course specific knowledge (e.g., crystal systems, dinosaur behaviour)</p> <ul style="list-style-type: none"> a. Knowledge <ul style="list-style-type: none"> i. Grades ii. Quiz, iClicker performance iii. Projects, assignments iv. Standardized tests (GCI, provincial/state exams) v. Knowledge retention over time (6 months, 1 year) vi. 1 minute paper
<p>2. Attitudes and motivation (e.g., satisfaction, personal goals, perceptions about discipline)</p> <ul style="list-style-type: none"> a. Satisfaction <ul style="list-style-type: none"> i. SEOT (Course Evaluation) ii. Self report surveys iii. Feedback b. Perceptions about the discipline <ul style="list-style-type: none"> i. Surveys ii. Interviews c. Confidence, self efficacy (similar constructs) <ul style="list-style-type: none"> i. Survey (standardized) d. Perceived value <ul style="list-style-type: none"> i. Surveys ii. Interviews 	<p>4. Instructional team practices (e.g., TA use of time)</p> <ul style="list-style-type: none"> a. Collaboration <ul style="list-style-type: none"> i. Peer review b. Self-regulation <ul style="list-style-type: none"> i. Projects ii. Reflection paper / 1 minute paper c. Critical thinking skills <ul style="list-style-type: none"> i. Paper critic d. Communication <ul style="list-style-type: none"> i. Essays, papers, videos e. Time management <ul style="list-style-type: none"> i. Distribution of work over time f. Professional skills <ul style="list-style-type: none"> i. Tests ii. Observations <p>5. Lifelong skills (including professional skills, e.g., collaboration, critical/interdisciplinary thinking)</p> <ul style="list-style-type: none"> a. Time spent on course-related activities <ul style="list-style-type: none"> i. Observations ii. Self-reports b. Adoption of best practices <ul style="list-style-type: none"> i. Self-reports ii. Student perceptions iii. Peer review of teaching