

## FACULTY SENATE MINUTES September 24, 2018

The Pittsburg State University Faculty Senate met at 3:00 p.m. on Monday, September 24, 2018 in the Sunflower Room of the Overman Student Center with Cliff Morris, President, presiding.

### Past Minutes

Minutes from May 7, 2018 meeting were approved.

### Announcements

#### *Provost and Vice President of Academic Affairs – Dr. Lynette Olson*

Dr. Olson shared that this year PSU leads all councils and that as reports are given at BOR they are given by our PSU representatives. She noted she was very proud of the excellent job each of our leaders are doing in this role. Noteworthy actions at last week's SCOCOA meetings include: 1) KU and Johnson County Community College have presented a proposal to lower the number of hours required to graduate from a 4-year institution from 60 to 45. This will be discussed further at the November meeting. 2) There is a new 'program proposal' form created by the BOR which must be the form submitted to KBOR for consideration of a new program of study. The link to this form is found on the Request for New Major a document on the PSU Faculty Senate webpage under *Legislative Process for Undergraduate Curriculum*. Use this form for all new program submissions to Faculty Senate. The KBOR form is also found at [http://www.kansasregents.org/academic\\_affairs/new\\_program\\_approval](http://www.kansasregents.org/academic_affairs/new_program_approval)

#### *PSU/KNEA – Grant Moss, President*

Grant Moss spoke of a recent message sent to faculty on ratification of contract by KNEA and BOR. There was a welcome back dinner and Happy Hour dates have yet to be decided.

#### *Student Senate – Seth George, Representative*

Mr. George indicated that Open Resource is the topic at SGA representation at BOR this year as well as an effort for students attending Kansas colleges to graduate in four-years. He announced that planning is also underway with Dr. Mark Johnson for the next PSU TEDx event.

#### *Unclassified Professional Senate – Lindell Haverstic, President*

Mr. Haverstic advised that UPS met on September 5<sup>th</sup> and at the BOR meeting on the 19<sup>th</sup> restoration of the base funding continued to be addressed as well as the cost of health care. It is planned for UPS and USS to present a unified front on these concerns.

#### *University Support Staff – Michael Woodrum, President*

Mr. Woodrum reiterated the focus on base funding restoration and insurance costs. The statewide group has been actively discussing plans for the focus this year.

#### *Faculty Senate President – Cliff Morris, President*

Mr. Morris began by encouraging individuals to speak loudly so they can be heard. He then reviewed recent activities that included: 1) meetings on College of Business restructure and how those changes are reflected in senator representation. It was decided that this year senators would complete their elected term and will be addressed by the Constitution Committee by the end of the year. 2) Council of Faculty Senate Presidents will need to provide feedback at the November meeting on the Proposal to Enhance Student Transfer Pathways and Collaborations between Johnson County Community College (JCCC) and the University of Kansas (KU). The November meeting to be held in Emporia. 3) There continues to be a standing agenda item pertaining to the 120 credit hour policy. 4) Amy Hite continues to work on the required campus policy on Consensual Romantic Relationships and Safety/Security that must be submitted by December 1<sup>st</sup>.

Before moving onto committee reports Mr. Morris asked that Mark Johnson, as Parliamentarian, review proper procedures.

Dr. Johnson reminded those present that when work is done by a committee, the chair makes a motion to accept and it does not need a second. Today, for the presentation of the general education package, is not a debate day. Today

is for clarification and questions. Rules allow for debate only by voting members. Anyone can attend faculty senate, they are open meetings, but if not a senator cannot participate unless senators open for discussion. So today is to ask questions, go back and talk to constituents in your departments, suggest changes and come back to the October meeting and make recommendations.

Also, each person gets to speak twice before anyone else and only 10 minutes and then must move on. Keep comments precise and know in advance what you plan to say. Recommend keeping it cordial and concise.

### **Committee Reports**

#### *Library Services – Chris Childers, Chair*

Minutes from committee's September 11 meeting are part of the agenda.

#### *Academic Honors – Rion Huffman, Chair*

It was noted that most applications are accounted for and feel new process went smoothly. This is the first semester with the new timelines and everyone seemed able to comply. Mr. Huffman welcomed any questions. There were none.

#### *Honors College – Rebeca Book, Chair*

Michelle Hudiburg reported initial startup going smoothly. Application processing will start very soon and encouraged anyone present, who knew of new students for Fall 2019 who might qualify, let them know to apply.

#### *Writing Across the Curriculum – Alex Binder, Chair*

Dr. Zepernick reported that the WAC Committee met for the first time on September 18th. Alex Binder was elected chair, and the recorder will be Jessica Jorgenson Borchert. A review of documentation submitted for the WL Best Practices stipend has begun.

#### *Diversity and Multicultural Affairs – Marc Daczewitz, Chair*

The mission was discussed by the committee along with how the group can help the Faculty Senate. One idea was to investigate all that is being accomplished in the arena of diversity across campus within courses. If this would be helpful they would be willing to explore and would like to hear from others. The committee elected Yasmina Vallejos as the recorder.

#### *Faculty Affairs – Tatiana Goris, Chair*

Andrea Kent-McConnaughey reported that there was \$10,000 added to the professional development fund making the total \$100,000. This announcement was met with a round of applause. It was noted that 15 to 20 applications have been presented thus far. Applicants should apply when they submit to present at a conference and it could be a national, international or regional conference. The deadline to apply for sabbatical is October 5. The committee will evaluate and present to the Provost by October 19. Additional information can be found in the September agenda.

#### *General Education Committee – Mark Johnson, Chair*

Dr. Johnson moved to adopt the recommendation of the committee as submitted and in the agenda. The floor then opened for questions.

Gil Cooper indicated he had submitted verbiage changes under non-verbal and creative expression for the Communication component and he wasn't seeing it incorporated in the document provided. Phil McNew replied that the committee still needed to correct the language.

Li-Lin Tseng asked about the repetition of some of the wording in the mission statement and core making it difficult to read. Dr. Kathleen Hooey indicated the repetition was intentional, but would take suggestions on re-wording at the October meeting.

Dr. Johnson again encouraged senators to go back and have discussions within their departments. Noting that there will not be a start-over in re-writing the document at this point as we are conscious of critical timelines we must meet for KBOR. Adding that there can be multiple amendments to a motion. Amendments happen during the debate and can propose, seconded, debate, vote to amend or approve, but there should be one amendment at a time. This could result in multiple votes on every amendment and then a vote on the main issue. If there is no final conclusion at the

October meeting it can be postponed for a vote at the November meeting. There is the caveat that we are looking at a 2 to 3 month process for finalizing the package as the remainder of the time will be needed for proposing general education classes by the Fall 2019 semester.

Dr. Julie Dainty asked if there was a Plan B if the package does not get passed. Mr. Morris replied that departments would immediately have to start cutting major program hours for revision legislation to take place during the spring semester. Dr. Olson reiterated that PSU had negotiated a delay in reducing our hours to 120 with KBOR until Fall 2019 on the premise that general education changes would accomplish this reduction in hours. All other institutions with the exception of FHSU is also looking at general education changes. She stressed that KBOR will not approve a program for more than 120 hours if another university has already gained approval of the same major at their institution for 120 hours.

Mr. Cooper asked why the emphasis on relying on general education instead of program hours. Dr. Olson replied that taking hours out of general education seemed logical and the easiest way.

Dr. Hudiburg summarized what she believed was the action going forward that in October there would be discussion and if needed could carryover until November. If general education is not approved, all departments must review their majors and will be reducing the hours to 120 hours through legislation in the spring.

*Academic Honesty – Kevin Bracker, Chair*

Dr. Bracker noted the committee has met and heard two cases regarding academic misconduct. See his report in the agenda.

**Unfinished Business**

None

**New Business**

Dr. Johnson made the following recommendation:

To assist with the discussion at October's meeting submit your written amendments to Cliff Morris (email) the week prior to the meeting. That way the amendments can be displayed overhead while being reviewed. As executive council president, Andrea Kent-McConnaughey suggested that she could revise the documents as they were being amended and take live notes. Dr. Johnson noted that won't record discussion, just transitional items.

**Open Forum**

Rion Huffman announced the images that were on display in the Bicknell Center will be on sale October 3 from 10:00-2:00 in the Sunflower room in the Student Center. The funds will assist with student professional development opportunities and scholarships.

Jorge Leon spoke of the banned book events on September 26 and 27. Look for emails.

Mark Johnson stated to save the date March 26, 2019 for the next TEDx. Auditions and planning committee members are needed. Contact him if interested in being a part of the second TEDx on our campus.

Kristen Larson announced plans to create a Pitt State Cookbook. Watch for emails to submit your recipes.

**Meeting Adjourned** Motion to adjourn was approved at 4:12 p.m.

  
Debbie Greve, Recording Secretary

**FACULTY SENATE MEMBERSHIP  
(2018-2019)**

	Sept	Oct	Nov	Dec	Jan	Feb	March	April	May
Bailey, (At-Large)	X								
Book, (At-Large)									
Bracker, (Economics, Finance, & Banking)	X								
Carlson, (English and Modern Languages)									
Childers, (History, Philosophy & Social Sci)	X								
Cooper, (At-Large)	X								
Covert-Miller, (At-Large)	X								
Dainty, (At-Large)	X								
Daley, (History, Philosophy & Social Sciences)	X								
Fincher, (Teaching and Leadership)	X								
Fogliasso, (Management and Marketing)	X								
Frisbee, (Nursing)	X								
Gupta, (Chemistry)	X*								
Hendershot, (Family & Consumer Sciences)	X								
Hite, (Past-President)	X								
Hollingsworth, (Military Science)									
Hudiburg, (At-Large)	X								
Huffman, (At-Large)	X								
Jayawardhana, (At-Large)	X								
Johnson, Mark, (At-Large)	X								
Jones, Jon, (Technology & Workforce Learning)	X								
Leon, (Library Services)	X								
Livingston, (Communication)	X								
Maxwell, (Engineering Technology)	X								
McClaskey, (At-Large)	X								
McConnaughey, (Graphics & Imaging Tech)	X								
Moots, (English & Modern Languages)	X								
Morris, (President)	X								
Moss, (At-Large)	X								
Munguia, (Music)	X								
Norman, (Automotive Technology)	X								
Philipp, (School of Construction)	X								
Shewmake, (Health, Human Perform & Rec)	X								
Spera, (Psychology and Counseling)	X								
Tayo, (Physics)	X								
Thompson, Kyle, (Women's Studies)	X								
Thuong, (Mathematics)	X								
Tseng, (Art)	X								
Whitney, (Biology)	X								
Yarick, (Accounting & Computer Inf Systems)	X								
Zepernick, (At-Large)	X								
University Support Staff Senate Representative	X								
Unclassified Professional Senate Representative	X								
Student Government Representative	X								

Khamis Siam substituted for Ram Krishna Gupta at the September meeting.



# **Pittsburg State University**

## **Faculty Senate Meeting**

**Date:** Monday, September 24, 2018  
**Time:** 3:00 p.m.  
**Location:** Sunflower Room, Overman Student Center

### **AGENDA**

- I. Call to order**
- II. Approval of May 7, 2018 minutes**
- III. Announcements**
  - A. Provost and Vice President of Academic Affairs- Dr. Lynette Olson**
  - B. PSU/KNEA Remarks- Grant Moss**
  - C. Student Senate Remarks- Seth George**
  - D. Unclassified Professional Senate Remarks- Lindell Haverstic**
  - E. University Support Staff Remarks- Michael Woodrum**
  - F. Faculty Senate Report- Clifford Morris**
- IV. Committee Reports**

(Reports from committees will begin with Undergraduate Curriculum committee followed by Academic Affairs)

  - A. Academic Affairs Committee—Chair:**
    - Undergraduate Curriculum Subcommittee—**Chair:**
    - Library Services/Learning Resources Subcommittee—**Chair: Chris Childers**
    - Online and Distance Learning Committee—**Chair: Liz Mascher**

- Academic Honors Subcommittee—**Chair: Rion Huffman**
- Honors College Subcommittee—**Chair: Rebeca Book (Michelle Hudiburg giving report)**
- Writing Across the Curriculum Subcommittee—**Chair:**
- Diversity and Multicultural Affairs Subcommittee—**Chair: Marc Daczewitz**

**B. Student Faculty Committee—Chair: Barb McClaskey**

**C. All University Committee—Chair: Trina Larery**

**D. Faculty Affairs Committee—Chair: Tatiana Goris (Andrea Kent-McConnaughey giving Report)**

**E. Constitution Committee—Chair: Norman Philipp**

**F. General Education Committee—Chair: Mark Johnson**  
- First Reading, General Education Package

**G. Budget Committee—Chair:**

**All University Committees or Other Appointments**

- **Academic Honesty Committee—Chair: Kevin Bracker**

**V. Unfinished Business:**

**VI. New Business:**

**VII. Open Forum:**

**VIII. Adjournment**

**Next Faculty Senate Meeting: October 22, 2018 -- 3:00 pm**

## **Faculty Senate - Committee Reports September 2018**

### **Academic Affairs Committee**

- Did not receive a report

### **Undergraduate Curriculum Committee**

- Committee not yet formed

### **Library Service Committee**

- Minutes from first meeting listed on last two pages of document.

### **Online and Distance Learning Committee**

- No report

### **Academic Honors Committee**

- Did not receive a report

### **Honors College Committee**

- Applications will be received up until Jan. 15th and then will be reviewed with a deadline of Feb. 1st. Feb. 10th will be on-campus reviews with a backup day of Feb. 17th.

### **Writing Across the Curriculum Committee**

- No report

### **Diversity & Multicultural Committee**

- No report

### **Student-Faculty Committee**

- No Report

### **All-University Committee**

- No report

### **Faculty Affairs Committee**

- For this Academic Year 2018-2019, FAC received additional \$10 000 to sponsor PSU faculty to attend conferences.
- Total available funding is \$ 100 000 vs. \$90 000 for the last year.
- Currently FAC approved to sponsor about 15 cases, so if anyone is ready to travel, please apply.
- Although funding is available as "first come-first got it," we try to keep equal opportunities for both semesters, Fall and Spring.

- Some faculty mistakenly thought that the travel to ONLY nationwide and international conferences is eligible for the FAC sponsorship. Please note, that traveling to **regional conferences** is qualified as well.
- Applications for the Sabbatical Leaves will be forwarded to FAC members on October 5th and will be evaluated by October 19th. Then, the decision will go to the Provost office.

#### **Constitution Committee**

- No report

#### **General Education**

- First Reading, General Education Package

#### **Budget Committee**

- Did not receive a report

#### **Academic Honesty**

- The academic honesty committee met to hear two cases regarding academic misconduct. In addition, there was one tracking report issued in Maxient during this period.

**Library Services**  
**PSU Faculty Senate Committee**  
**Meeting Minutes**  
**September 11, 2018**

Present: Jorge Leon, Chris Childers, Chris Fogliasso, Jessica Jorgenson Borchert, Robert Lindsey, Marc Daczewitz, Eli Kofi Aba, Barbara Pope, Randy Roberts, Cassandra Ngo, and Seth George.

The meeting was called to order at 3:25pm.

Chris Childers was nominated to be committee chair. The committee voted in favor off Chris Childers to be committee chairperson.

Chris Fogliasso and Barbara Pope nominated themselves to be recorder for meeting minutes. The committee voted in favor of Barbara Pope to be recorder.

Jorge Leon and Randy Roberts gave the group updates of projects and events currently happening in the library and in the future.

Construction is taking place in Axe Library during the Fall Semester and includes the following:

- New classroom being built in the basement
- New study rooms being built in the basement
- New windows to be installed through the building
- Mechanical updates to the elevator
- New presentation space being created in the basement

There will be some disruptions of service and noise during construction this fall. The projected phase of the finish of the basement construction will be sometime in October and part of that will be disruptive. Also, the replacement of windows will take about 1 month and be somewhat disruptive. The basement construction will hopefully be completed and all inspections complete by sometime in November so that it can be available for use again.

Next year's construction project will occupy a large portion of the first floor from the area where the 1<sup>st</sup> floor classroom is now all the way through and including Circulation. This phase will be very disruptive and some services will need to be moved to other areas.

Axe Library is hosting the display of the Magna Carta exhibit. The panels are located on the third floor of the library and will remain until September 28th.

Banned Books Week events will take place September 26<sup>th</sup> and 27<sup>th</sup>. Professors are encouraged to send their students for extra credit and participation.

The University Author's Reception will take place on November 1<sup>st</sup> at 3:00pm. Please submit your citations on the website in the Bulk-e message.

The Gene Degruson lecture, with guest speaker Merylyn Simonds, is taking place on Nov. 13<sup>th</sup> at 7pm in the OSC Governor's Room. Reception to follow the presentation.

**Meeting adjourned at 4:15 pm**



Pittsburg State University  
**Pitt State Pathway**

# ***PITT STATE PATHWAY***

## **MISSION STATEMENT**

The *Pitt State Pathway* curriculum serves as the heart of the university education by fostering interdisciplinary competencies that typify the educated person. It is designed to facilitate the development of key proficiencies including communication and information literacy. The *Pitt State Pathway* curriculum provides a transformational experience that challenges students to think creatively and critically, and to immerse themselves in the productive examination of humans in their global setting. By encouraging the development of skills that promote life-long learning, the *Pitt State Pathway* fosters a sense of personal responsibility, an appreciation of diversity, and an understanding of interconnectedness in our truly global society.

## **CORE VALUES**

The *Pitt State Pathway* is a student-focused program that facilitates the development of skills, knowledge, and values required for career success and global citizenship. Underpinning the entire *Pitt State Pathway* are program-wide competencies that inspire:

- Critical Thinking
- Interdisciplinary Perspectives
- Lifelong Learning
- Creative and Innovative Thinking
- Diversity
- Sustainability

## **CORE OBJECTIVES**

### **A. COMMUNICATION**

1. To *express* and *actively receive* meaning in formal and informal manners via oral, written, verbal, or nonverbal forms (e.g. nonverbal forms are any human response not expressed in words);
2. To *process* and *integrate* existing knowledge to *develop* and *communicate* new knowledge.

### **B. GLOBAL UNDERSTANDING AND CIVIC ENGAGEMENT**

1. To *understand* the nature of the human experience, human systems, the natural world, and their interconnectedness in local, regional and global contexts;
2. To *understand* the importance of active citizenship through the *application* of the concepts of equity, inclusiveness, collaboration, service, and building constituency in government, civic institutions, business, and the community at large.

### **C. QUANTITATIVE/ANALYTIC METHODS AND SCIENTIFIC LITERACY**

1. To *apply* methods of scientific inquiry and problem solving;
2. To *apply* a set of formal tools (e.g., logical or statistical inference, probability, or mathematical analysis) to draw valid conclusions.

### **D. INFORMATION AND DIGITAL LITERACY**

1. To *identify*, *access*, *evaluate* and *synthesize* diverse forms of information;
2. To responsibly and effectively *apply* appropriate technology to access, collect, manage, integrate, and evaluate information.

### **E. PERSONAL AND PROFESSIONAL BEHAVIOR**

1. To *manage* personal health, wealth, and time management;
2. To *work* on a team and *demonstrate* leadership skills and ethical reasoning in a professional setting.

<b><i>Pitt State Pathway Requirements</i></b>	
	Credit Hours
<b>Core Elements</b>	12 hrs
Written Communication*	6
Verbal Communication*	3
Quantitative/Analytic Methods*	3
<b>Essential Studies<sup>@</sup></b>	23-24 hrs
The Human Experience within a Global Context*	3
Human Systems within a Global Context*	12
Natural World within a Global Context*	4-5
Wellness Strategies*	4 (3 + 1)
<b>Other Elements to be Completed in Essential Studies</b>	
Diverse Perspectives within a Global Context*	<input type="checkbox"/>
Social Responsibility within a Global Context*	<input type="checkbox"/>
Non-verbal and Creative Expression*	<input type="checkbox"/>
Scientific Inquiry*	<input type="checkbox"/>
<b>Electives<sup>^</sup></b>	3
Any course that covers any Element of the <i>Pitt State Pathway</i>	3
<b>Gorilla Gateway</b>	2
Information and Digital Literacy (All 5 Elements)*	
Professional Development*	
Financial Literacy*	
Leadership Initiative*	
Self-Management*	
<b>Total Hours for the <i>Pitt State Pathway</i></b>	<b>40-41</b>
* Elements of the Pitt State Pathway @ Courses must have different prefixes to meet the Essential Studies requirements to encourage breadth; exceptions to this rule are lecture/laboratory course pairings. ^ May have same prefix as a course taken for Essential Studies category	

**The “Writing Across the Curriculum Program” at Pittsburg State University:**

- Writing to Learn (WL) courses are not part of the *Pitt State Pathway*. Those requirements fall under the **Writing Across the Curriculum Program** and are independent of this package.

**Definition of Terms:**

- **Element**.....An assessable skill, competency, or component of knowledge.
- **Core Elements**.....Elements identified as basic skills.
- **Gorilla Gateway**.....This skills-based 2 credit hour class will replace the Freshman Experience course.
- **Essential Studies**.....Courses that have been designated as essential to fulfilling the requirements of the *Pitt State Pathway*, and those skills/competencies/components of knowledge deemed necessary for a well-educated individual.
- **Electives**.....Courses that have been identified to increase the student’s depth of knowledge based on the student’s interest(s).

# COMMUNICATION

Communication includes the exchange of information, which can include the ability to listen, comprehend, and respond to others, as well as the creative expression of ideas in the visual, written, and performing arts. Students must demonstrate a thorough understanding of context relating to appropriate audiences and express their own ideas skillfully and ethically through written, verbal, nonverbal, and integrated means that conveys a clear, fluent message using different avenues of delivery.

**Learning Outcome:** *Students will communicate effectively.*

<b>Elements</b>	<b>4 Mastery</b>	<b>3 Milestone II</b>	<b>2 Milestone I</b>	<b>1 Benchmark</b>	<b>N/A</b>
<b>Written Communication</b>	<i>Composes</i> evidence-based ideas and creates an appropriate written document to convey a message	<i>Evaluates</i> evidence-based ideas and critiques a written document used to convey a message	<i>Explains</i> evidence-based ideas and reviews a written document used to convey a message	<i>Remembers</i> ideas and understands documents used to convey a message	
<b>Verbal Communication</b>	<i>Creates</i> and delivers a clear and compelling message that is appropriate for an intended audience, supported by a variety of materials	<i>Analyzes</i> a message intended for the appropriate audience, supported by referenced materials	<i>Understands</i> the message intended for the appropriate audience, using limited materials	<i>Identifies</i> a message not supported or referenced	
<b>Non-verbal and Creative Expression</b>	<i>Creates</i> effective non-verbal communication via different modes of delivery	<i>Demonstrates</i> effective non-verbal communication	<i>Understands</i> the characteristics of effective non-verbal communication	<i>Defines</i> the characteristics of effective non-verbal communication	

## Definitions of Elements

### 1. Written communication:

Demonstrates a thorough understanding of context relating to appropriate audiences and expresses the writer's own ideas skillfully and ethically through written language that conveys meaning to readers with clarity and fluency, and is virtually error free. Students will demonstrate written communication through comprehension and reading proficiency. Competency in this element means:

- Clearly *outlining* the main idea using appropriate sentence structure that connects all paragraphs to the overall point of the paper while organizing ideas effectively. Ideas are presented in a logical sequence that supports development of the main point (*Focus, Development, and Organization*);
- *Supporting* claims with appropriate evidence and valid reasoning. Opinions are clearly distinguished. Main ideas are developed through evidence-based sources that clearly distinguish the source material from the writer's own ideas and distinctly indicates the provenance of all source material (*Development and Use of Sources*);
- *Creating* effective and coherent sentences. Written language conveys meaning to readers with clarity and fluency. Word choice and vocabulary shows attention to audience (*Style and Editing*);
- Writing shows audience awareness. Intended purpose of the document is clear. The context for the communication is understood and articulated appropriately (*Focus, Development, Organization, Style, Editing, and Use of Sources*);
- Document *demonstrates* visual and textual design elements that are appropriate for the audience, purpose, and context (*Style*).

### 2. Verbal communication:

Demonstrates the effective ability to engage others in order to increase knowledge and foster understanding. Competency in this element means:

- *Organizing* formal presentations (introduction, body with clear and concise transitions, and conclusion) so that the central idea is clear, memorable, and strongly supported;
- *Creating* a cooperative, civilized dialogue based on asking and answering questions to stimulate critical and creative thinking via informal presentations;
- *Demonstrating* language choices that are imaginative and compelling while using appropriate vocabulary for the audience;
- *Employing* supporting claims with appropriate evidence and valid reasoning. Opinions are clearly distinguished. Main ideas are developed through evidence-based sources that clearly distinguish the source material from the writer's own ideas;
- *Analyzing* presenter's credibility/authority through ethical means.

### 3. Non-verbal and Creative Expression:

Competently utilizes and demonstrates human response not expressed in words. These responses may or may not complement written and verbal information. Competency in this element means:

- *Demonstrating* effective and appropriate delivery/presentation including, but not limited to, facial expression, eye contact, body movement, and vocal variety;
- *Demonstrating* professionalism;
- *Interpreting and delivering* nonverbal communication as it applies to specific contexts such as art, music, illustrations, theater, dance, digital media, or other forms of context not identified above, as appropriate.

## GLOBAL UNDERSTANDING AND CIVIC ENGAGEMENT

As global citizens, students need a comprehensive understanding of where they live and of the larger, interconnected global system of which they are part, and on which they depend. While identifying commonalities among people and places is important, it is crucial that students understand and appreciate the diverse cultural, social, political, economic, and environmental contexts that create differences. Understanding the role of responsible citizens in their own community and beyond ensures effective and ethical participation at all levels. Students also need to understand how biological, physical, and chemical systems work, how they change naturally, and how they can change due to human involvement. Understanding the implications of the interaction between humans and non-human systems is essential for long-term decision-making.

**Learning Outcome:** *Students will explore global systems conscientiously.*

Elements	4 Mastery	3 Milestone II	2 Milestone I	1 Benchmark	N/A
<b>Human Experience within a Global Context</b>	<i>Analyzes</i> how various art forms respond to and influence society and culture	<i>Interprets</i> how various art forms respond to and influence society and culture	<i>Explains</i> how various art forms respond to and influence society and culture	<i>Recognizes</i> that various art forms respond to and influence society and culture	
<b>Human Systems within a Global Context</b>	<i>Evaluates</i> human organizational systems using a variety of disciplinary and interdisciplinary perspectives	<i>Analyzes</i> human organizational systems using a variety of disciplinary and interdisciplinary perspectives	<i>Explains</i> human organizational systems using a variety of disciplinary and interdisciplinary perspectives	<i>Describes</i> human organizational systems using a variety of disciplinary and interdisciplinary perspectives	
<b>Natural World within a Global Context</b>	<i>Evaluates</i> biological, physical and/or chemical processes and how human activities alter them	<i>Analyzes</i> biological, physical and/or chemical processes and how human activities alter them	<i>Explains</i> biological, physical and/or chemical processes and human activities that alter them	<i>Describes</i> biological, physical and/or chemical processes and human activities that alter them	
<b>Diverse Perspectives within a Global Context</b>	<i>Evaluates</i> the role of multiple worldviews and power structures in addressing significant global problems	<i>Analyzes</i> the role of multiple worldviews and power structures in addressing significant global problems	<i>Explains</i> the role of worldviews and power structures in addressing significant global problems	<i>Describes</i> the role of worldviews and power structures in addressing significant global problems	
<b>Social Responsibility within a Global Context</b>	<i>Evaluates</i> the roles and responsibilities of citizens at all levels	<i>Analyzes</i> the roles and responsibilities of citizens at all levels	<i>Explains</i> the roles and responsibilities of citizens at all levels	<i>Describes</i> the roles and responsibilities of citizens at all levels	

## Definitions of Elements

### 1. Human Experience within a Global Context:

Understanding the diverse nature, meanings, or functions of creative endeavors through the study of literature, music, theater, visual arts, or related forms of expression helps us understand ourselves. Competency in this element means:

- *Applying* cultural concepts and/or methodologies in the analysis of literary, performing, visual, or other art forms;
- *Analyzing* how literature, performance, the visual arts, or other creative endeavors respond to and influence society and culture;
- *Analyzing* creative endeavors in a contextual framework, such as critical theory, aesthetics, philosophy of art, or rhetoric;
- *Demonstrating* concepts that characterize a polycentric view of the world in contrast to an ethnocentric perspective.

### 2. Human Systems within a Global Context:

Humans have developed complex systems that structure interaction. It is important to understand how and why these systems developed, change through time, vary by location, and are interconnected at all levels (local/regional/global), and the implications of that interconnectedness. Competency in this element means:

- *Analyzing* the structure, development, and change of human economic, political, social and/or cultural systems over time;
- *Analyzing* the individual's role and responsibility to society at all levels;
- *Evaluating* how human systems are interconnected at all levels.

### 3. Natural World within a Global Context:

Biological, physical, and chemical systems form the context for life. Students need to understand how these systems work, how these change naturally, and how these can change as a result of human activities. The implications of these changes are essential for long-term decision-making. Competency in this element means:

- *Analyzing* biological, physical, and/or chemical systems;
- *Evaluating* the implications of changes that result from interactions between natural and human systems.

### 4. Diverse perspectives within a Global Context:

Valuing different perspectives and analyzing the interrelationships between them leads to global respect and understanding. Competency in this element means:

- *Applying* multiple perspectives to personal, social, cultural, disciplinary, environmental, race, ethnicity, gender, nationhood, religion, or class interactions;
- *Analyzing* connections between worldviews, power structures, or experiences of multiple cultures in a historical or contemporary context;
- *Analyzing* issues of diversity (i.e. religious, racial, sexual orientations, gender, or disabilities).

**5. Social Responsibility:**

Social responsibility within a global context is the ability to recognize one's accountability to society – locally, nationally, and globally. This incorporates the importance of active citizenship through the application of concepts such as equity, inclusiveness, collaboration, and building constituency in government, civic institutions, business, and community at large. Competency in this element means:

- *Applying* the concepts associated with active, responsible citizenship;
- *Analyzing* the ethical, social, and environmental consequences of local, national, and global organizations;
- *Analyzing* the historical consequences of local or national decisions on global systems.

# QUANTITATIVE/ANALYTIC METHODS AND SCIENTIFIC LITERACY

Students will be able to apply quantitative and scientific methods to answer questions and to effectively communicate the results in a variety of formats (e.g. tables, graphs, statistical inference, and mathematical equations). Quantitative literacy is the ability to recognize and analyze numerical problems through the use of formal tools (e.g. logical or statistical inference, probability, or mathematical analysis) to draw valid conclusions using higher-order thinking skills. Scientific literacy is the ability to apply systematic methods of inquiry to solve objective questions using evidence-based reasoning.

**Learning Outcome:** *Students will analyze data logically.*

Elements	4 Mastery	3 Milestone II	2 Milestone I	1 Benchmark	N/A
<b>Quantitative/Analytic Methods</b>	<i>Synthesize</i> tools of analysis and communicate results	<i>Compares</i> tools of analysis and communicate results	<i>Applies</i> tools of analysis and communicate results	<i>Recognizes</i> tools of analysis	
<b>Scientific Inquiry</b>	<i>Evaluates</i> a problem by using scientific methods	<i>Interprets</i> a problem by using scientific methods	<i>Applies</i> the scientific methods to a problem	<i>Identifies</i> steps of scientific methods	

## Definition of Elements

### 1. **Quantitative or Analytic Methods:**

Quantitative literacy and its methods refer to competency in working with numerical data. Students with strong quantitative skills possess the ability to reason and solve problems from a wide array of contexts and everyday life situations. They can create sophisticated arguments supported by objective evidence and can communicate those arguments in a variety of formats (e.g. text, tables, graphs, mathematical equations, etc.) as appropriate. Competency in this element means:

- *Applying* a set of formal tools to interpret, represent, calculate, and analyze quantitative data;
- *Explaining* assumptions and rationale for selecting a mathematical approach to solve a problem;
- *Explaining* assumptions and rationale for selecting a mathematical or formal logical approach to solve a problem;
- *Drawing and communicating* conclusions to support decisions.

### 2. **Scientific Inquiry:**

The scientific method is the systematic approach to understanding the world around us. Through experimentation and hypothesis testing, students will apply analytical skills and appropriate methods of scientific inquiry (i.e. qualitative and quantitative) to solve a variety of research questions. Competency in this element means:

- *Composing* appropriate research questions and hypotheses, drawing from experts, reliable sources, or previously collected data;
- *Collecting, synthesizing, and analyzing* data from multiple sources;
- *Drawing* logical conclusions, assessing for gaps or weaknesses, and addressing potential consequences and implications;
- *Communicating* results using appropriate delivery methods or formats.

# INFORMATION AND DIGITAL LITERACY

Information literacy and digital literacy are foundational to student success. The information literate student must demonstrate proficiencies in finding, using, and analyzing information and data to answer questions, develop new questions, and create new knowledge through ethical participation in communities of learning and scholarship. The digital literate student must use appropriate technologies to locate, access, evaluate, manage, and share information in appropriate ways for various disciplines.

**Learning Outcome:** *Students will evaluate information competently.*

Elements	4 Mastery	3 Milestone 2	2 Milestone 1	1 Benchmark	N/A
<b>Research as Discovery</b>	<i>Evaluates</i> information sources for appropriate use in formulating research questions and applying research methods	<i>Analyzes</i> information sources for appropriate use in formulating research questions and applying research methods	<i>Explains</i> information sources for appropriate use in formulating research questions and applying research methods	<i>Describes</i> information sources for appropriate use in formulating research questions and applying research methods	
<b>Information Validity</b>	<i>Evaluates</i> the information need and the contexts in which information is created and disseminated	<i>Analyzes</i> the information need and the contexts in which information is created and disseminated	<i>Explains</i> the information need and the contexts in which information is created and disseminated	<i>Describes</i> the information need and the contexts in which information is created and disseminated	
<b>Information Design Process</b>	<i>Formulates</i> an appropriate research scope, effectively organizing and synthesizing ideas from multiple sources, drawing reasonable conclusions	<i>Evaluates</i> an appropriate research scope, effectively organizing and synthesizing ideas from multiple sources, drawing reasonable conclusions	<i>Explains</i> the nature of an appropriate research scope, and how to effectively organize and synthesize ideas from multiple sources	<i>Describes</i> the nature of an appropriate research scope, and how to effectively organize and synthesize ideas from multiple sources	
<b>Use Information Ethically</b>	<i>Evaluates</i> the ethical and legal restrictions on the use of published, confidential, and/or proprietary information	<i>Analyzes</i> the ethical and legal restrictions on the use of published, confidential, and/or proprietary information	<i>Explains</i> the ethical and legal restrictions on the use of published, confidential, and/or proprietary information	<i>Describes</i> the ethical and legal restrictions on the use of published, confidential, and/or proprietary information	
<b>Evidence of Digital Competency</b>	<i>Creates</i> effective search strategies within digital systems through skillful application of appropriate technologies to locate, access, manage, interpret and present information with clarity and insight	<i>Analyzes</i> effective search strategies within digital systems through skillful application of appropriate technologies to locate, access, manage, interpret and present information with clarity and insight	<i>Explains</i> effective search strategies within digital systems	<i>Describes</i> effective search strategies within digital systems	

## Definition of Elements

### 1. Research as Discovery:

Research is iterative and depends upon asking increasingly complex or new questions. The analysis of the answers may lead to additional questions or lines of inquiry in any field. Competency in this element means:

- *Evaluating* a range of information sources and pursue alternate research strategies as new understanding develops;
- *Formulating* research questions based on existing information;
- *Applying* various research methods based on the need, context, and type of inquiry as appropriate;
- *Managing* and *assessing* the gathered information.

### 2. Information Validity:

Information resources reflect the author's expertise and credibility. These resources should be evaluated based on the information need and the context in which the information will be used. Authority and relevance stems from expertise and the practice of various intellectual and scholarly communities. Competency in this element means:

- *Understanding* how information from different sources is valued in various contexts;
- *Recognizing* that information may be perceived or interpreted differently based on the format in which it is disseminated;
- *Articulating* how information is created and disseminated within a particular discipline;
- *Assessing* the fit between an information resource and a particular information need.

### 3. Information Design Process:

Information is produced to convey a message and is shared through a selected format or delivery method. The processes of researching, creating, revising, and disseminating information vary with the resulting product reflecting these differences. Competency in this element means:

- *Determining* an appropriate scope for investigation;
- *Organizing* information in meaningful ways;
- *Synthesizing* ideas gathered from multiple sources;
- *Drawing reasonable conclusions* based on analysis and interpretation of information.

### 4. Use Information Ethically:

Information possesses several dimensions of value, including as a commodity, as a means of education, as a means of influence, and as a means of negotiating and understanding the world. Ethical and legal interests influence information production and dissemination. The value of information is manifest in various contexts, including publishing practices, access to information, the commodification of information, and intellectual property laws. Competency in this element means:

- *Making informed decisions* about how to ethically access, use, produce, and disseminate information;
- *Giving credit* to the original ideas of others through proper attribution and citation;
- *Understanding* that intellectual property is a legal and social construct that varies by culture and the distinguishing characteristics of copyright, fair use, open access, and public domain;
- *Understanding* the implications of the commodification of personal information and the effects of information they produce or disseminate online.

**5. Evidence of Digital Competency:**

Locating, accessing, organizing, and disseminating information requires an understanding of how information systems are ordered and the mental flexibility to pursue alternate avenues as new understanding develops. Competency in this element means:

- *Matching* information needs and search strategies to appropriate search tools;
- *Using* different types of search language such as controlled vocabulary and keywords appropriately;
- *Managing* search processes and results effectively;
- *Understanding* that emerging methods of information creation and dissemination with differing purposes are available for their use.

## PERSONAL AND PROFESSIONAL BEHAVIOR

To lead productive lives, students must develop personal and professional behaviors, within and across disciplines. This will develop the aptitude to make informed choices regarding general wellness, fiscal decision-making, the development of personal and professional behaviors, and leadership skills. With these abilities, students will be better prepared and more confident in their abilities to actively engage and effectively perform in society.

**Learning Outcome:** *Students will model productive behaviors purposefully.*

Elements	4 Mastery	3 Milestone II	2 Milestone I	1 Benchmark	N/A
<b>Wellness Strategies</b>	<i>Creates</i> wellness strategies for life long health	<i>Evaluates</i> wellness strategies for life long health	<i>Analyzes</i> wellness strategies for life long health	<i>Understands</i> wellness strategies for life long health	
<b>Financial Literacy</b>	<i>Creates</i> financial strategies for lifelong financial security	<i>Evaluates</i> financial strategies for lifelong financial security	<i>Analyzes</i> financial strategies for lifelong financial security	<i>Understands</i> financial strategies for lifelong financial security	
<b>Self-Management</b>	<i>Develops</i> ethical management, respectful engagement, and critical thinking skills	<i>Analyzes</i> ethical management, respectful engagement, and critical thinking skills	<i>Understands</i> ethical management, respectful engagement, and critical thinking skills	<i>Defines</i> ethical management, respectful engagement, and critical thinking skills	
<b>Professional Development</b>	<i>Develops</i> strategies for life-long learning, and the problem-solving/decision-making processes	<i>Analyzes</i> strategies for life-long learning, and the problem-solving/decision-making processes	<i>Understands</i> the need for life-long learning, and the problem-solving/decision-making processes	<i>Identifies</i> the strategies for life-long learning, and the problem-solving/decision-making processes	
<b>Leadership Initiative</b>	<i>Creates</i> effective leadership methods	<i>Evaluates</i> effective leadership methods	<i>Analyzes</i> effective leadership methods	<i>Understands</i> effective leadership methods	

## Definitions of Elements

### 1. Wellness Strategies:

Wellness encompasses the concepts and importance of physical fitness and/or activity over the lifetime, chronic disease prevention/management, nutritional knowledge, mental health awareness, and continuous involvement in an exercise or physical/leisure time activity program to ensure students create a healthy lifestyle plan throughout their lifetime. Competency in this element means:

- *Understanding* chronic disease prevention/management;
- *Understanding* the principles of behavior and mental processes;
- *Evaluating* healthy lifestyle habits;
- *Analyzing* the benefits of exercise and physical/leisure time activity on mental health;
- *Creating* a healthy nutritional regimen;
- *Creating* a personalized exercise or physical/leisure time activity program;
- *Completing* an exercise or physical/leisure time activity course.

### 2. Financial Literacy:

Financial literacy includes the ability to manage personal finances. The ability to analyze and evaluate financial decisions, and develop strong financial habits, will enable students to create positive lifelong financial plans. Competency in this element means:

- *Creating* personal financial management practices;
- *Developing* a working knowledge of basic consumer finance principles;
- *Investigating* global economic issues that may impact personal financial management.

### 3. Self-Management:

To master the concept of self-management, students must develop responsible habits and personal behaviors. Competency in this element means:

- *Making* independent decisions;
- *Applying* ethics, values, self-awareness, and responsibility;
- *Developing* skills for time management, meeting deadlines, task prioritization, and organization.

### 4. Professional Development:

Professional development includes the interrelated components of behavioral, attitudinal, and intellectual skills and aptitudes exhibited by successful professionals. Competency in this element means:

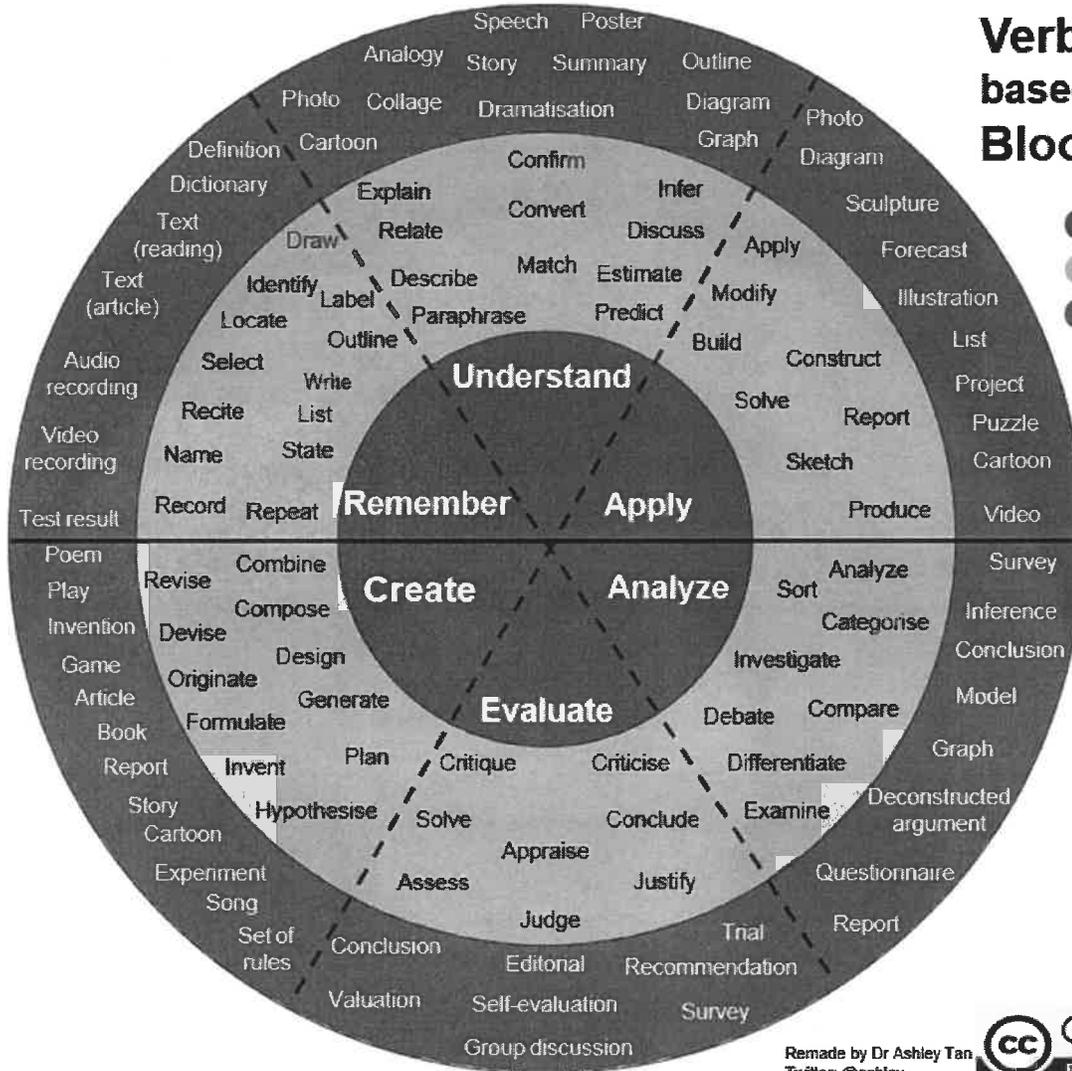
- *Developing* effective job seeking skills (e.g. resume writing, interview skills, etc.);
- *Demonstrating* professional workplace behaviors (e.g. punctuality, dress code, lifelong learning, etc.);
- *Applying* effective negotiation and conflict management techniques;
- *Formulating* successful project management practices and activities.

**5. Leadership Initiative:**

Leadership initiative is recognizing multiple approaches to leadership and cultivating the knowledge required to apply these approaches. Leaders understand the need for individual initiative in place of direct supervision. Competency in this element means:

- *Demonstrating* successful organizational skills including planning, logistics, and delegation;
- *Fostering* accountability and responsibility;
- *Modeling* team skills including respectful engagement (complementary to leadership);
- *Implementing* effective leadership styles and techniques.

# Verb Wheel based on the revised Bloom's Taxonomy



- Domain
- Verb (measurable, observable)
- Learner artefact/evidence

Lower order

Higher order

Remade by Dr Ashley Tan  
Twitter: @ashley



Reference: <http://bit.ly/oldbref>  
This resource: <http://bit.ly/newbref>