



STATE
UNIVERSITY
SYSTEM
of FLORIDA
Board of Governors

Agenda and Meeting Materials October 3, 2017

Ballroom
Cohen Center
Florida Gulf Coast University
10501 FGCU Boulevard South
Ft. Myers, FL 33965



STATE
UNIVERSITY
SYSTEM
of FLORIDA
Board of Governors

**ACTIVITIES
BOARD OF GOVERNORS MEETINGS**

Ballroom

Cohen Center

Florida Gulf Coast University

10501 FGCU Boulevard South

Ft. Myers, Florida 33965

October 3, 2017

By Telephone Conference Call

Dial-in Number: 888-670-3525

Board Member Code: 8893354522#

Listen-Only Code: 4122150353#

Tuesday, October 3, 2017

9:00 – 10:00 a.m. Facilities Committee, Part 1

or upon

Adjournment of

Previous Meetings

Chair: Mr. H. Wayne Huizenga, Jr.; Vice Chair: Dr. Fernando Valverde

Members: Beard, Jordan, Kitson, Levine, Link, Morton, Tyson

10:00 a.m. – Budget and Finance Committee

12:00 p.m.

or upon

Adjournment of

Previous Meetings

Chair: Mr. Ned Lautenbach; Vice Chair: Mr. Alan Levine

Members: Huizenga, Kitson, Kuntz, Patel, Tripp

12:00 – 1:00 p.m. Lunch will be provided

1:00 – 6:00 p.m. Facilities Committee, Part 2

Please note that this schedule may change at the Chair's privilege.



STATE
UNIVERSITY
SYSTEM
of FLORIDA
Board of Governors

AGENDA
Facilities Committee Workshop
Ballroom
Cohen Center
Florida Gulf Coast University
10501 FGCU Boulevard South
Fort Myers, Florida 33965
October 3, 2017
9:00 a.m. – 10:00 p.m.; 1:00 p.m. – 6:00 p.m.

Chair: Mr. H. Wayne Huizenga, Jr.; Vice Chair: Dr. Fernando Valverde
Members: Beard, Jordan, Kitson, Levine, Link, Morton, Tyson

- | | | |
|-----------|---|---|
| 1. | Call to Order and Opening Remarks | Governor H. Wayne Huizenga, Jr. |
| 2. | Validation of the FAMU/FSU College of Engineering Educational Plant Survey | Mr. Chris Kinsley
<i>Assistant Vice Chancellor
for Finance and Facilities</i> |
| 3. | Sightlines Presentation | Mr. Kevan Will
Mr. Mike Schelke |
| 4. | Public Private Partnership Guidelines | Mr. Kinsley |
| 5. | University Project Presentations | Governor Huizenga |
| 6. | Concluding Remarks and Adjournment | Governor Huizenga |

**STATE UNIVERSITY SYSTEM OF FLORIDA
BOARD OF GOVERNORS
Facilities Committee
October 3, 2017**

SUBJECT: FAMU-FSU College of Engineering Educational Plant Survey Validation

PROPOSED COMMITTEE ACTION

Review and validate the completed FAMU-FSU College of Engineering Educational Plant Survey.

AUTHORITY FOR BOARD OF GOVERNORS ACTION

Article IX, Section 7, Florida Constitution; Sections 1013.03 and 1013.31, Florida Statutes

BACKGROUND INFORMATION

An educational plant survey is required at least once every five (5) years for all public educational entities, including state universities. At the request of the FAMU-FSU College of Engineering (COE), Board staff facilitated and coordinated the Survey Team, and participated with university staff to ensure that all the requirements of the section 1013.31, Florida Statutes, were met. In addition to COE and Board Staff, the team included staff from FSU, FAMU, UNF, and UWF. The completed Educational Plant Survey (EPS) Team Report, as well as the Form B is included as supporting documents.

The Board of Governors made several recommendations regarding the COE in February 2015, including a recommendation that “A multi-year plan must be developed and presented to the Board of Governors by June 1, 2015, to address the renovations and repairs for buildings A and B, and the completion of building C.”

The needed repairs and renovations to buildings A and B having been largely addressed, the Joint Management Council of the FAMU-FSU College of Engineering would like to now move forward with addressing the completion of Building C. As with the two prior EPS, the EPS supports the construction of an additional facility “C” for the COE.

IT should be noted that the new construction recommendation is solely based on the 2016 FTE and current programs. Should additional programs and or additional FTE be approved for the COE, the EPS may be amended.

The Joint Management Council approved the EPS on September 9, 2017, the FAMU Board of Trustees approved the EPS on September 15, 2017, and the FSU Board of Trustees approved the EPS on September 22, 2017.

This survey covers the period July 1, 2017 through June 30, 2022.

New Construction:

3.1 FAMU-FSU College of Engineering Building C – 104,000 NASF.

Supporting Documentation Included: Survey Team Recommendation Letter
COE Educational Plant Survey Report Form B

Facilitators/Presenters: Mr. Chris Kinsley



Florida A&M University-Florida State University
COLLEGE OF ENGINEERING

Dr. J. Murray Gibson, Dean and Professor

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email: dean@eng.famu.fsu.edu



SURVEY RECOMMENDATIONS

August 18, 2017

Marshall M. Criser III, Chancellor
State University System of Florida
325 West Gaines Street, Suite 1614
Tallahassee, FL 32399-0400

Dear Chancellor Criser:

The Needs Assessment portion of FAMU-FSU College of Engineering Educational Plant Survey was conducted on September 15, 2017. This letter reports the University's understanding of the recommendations of the Survey Team.

1. Site Improvement Recommendations:

- 1.1 Landscaping and Site Improvements – This is a general recommendation for landscaping and site improvements consistent with the adopted Campus Master Plan
- 1.2 Utility Infrastructure – This is a general recommendation for items in the categories of chilled water and controls, electrical distributions, storm sewer, sanitary sewer, telecommunications, energy management control systems, irrigation, water distribution, steam equipment and distribution and roads. The project consists of improvements, extensions, modifications, and additions to the major utility systems consistent with the adopted Campus Master Plan.

2. Remodeling/Renovation Recommendations:

- 2.1 Remodeling/renovation recommendations are in accordance with the net square footage as described in the Form B. Remodeling/renovation recommendations that yield no significant changes to existing space use categories are recommended.
- 2.2 All significant remodeling/renovation projects must be specifically identified. The projects must identify the space categories affected, (i.e. from

existing space use to proposed space use.) Any changes to remodeling/renovation projects that exceed 100% of any space use categories will require a supplemental Survey.

3. New Construction Recommendations:

New construction recommendations are in accordance with the presented net square footage and as described in the Form B. In concurrence with the College of Engineering, Florida State University, and Florida A & M University it was agreed that the existing 2016 FTE's would be used in the Form B. The following projects are recommended:

- 3.1 College of Engineering Building C – Construct new facility to include 6,900 NASF of classroom/classroom service space (use codes 110, 115); 5,300 NASF of teaching laboratory/teaching laboratory service space (use codes 210, 215, 220, 225); 27,400 NASF of study/study service space (use codes 410, 420, 430, 440, 455); 26,600 NASF of research laboratory/research laboratory service space (use codes 250, 255, 570, 575, 580, 585); 21,100 NASF of office/office service space (use codes 310, 315, 350, 355, 710, 715); 5,900 NASF of auditorium/exhibition and auditorium/exhibition service space (use codes 610, 615, 620, 615); 5,100 NASF of instructional media/instructional media service space (use codes 530, 535); 5,700 NASF of campus support services/campus support services service space (use codes 720, 725, 730, 735, 740, 745, 750, 755, 760, 765); total of 104,000 NASF.

4. Special Purpose Center Recommendations:

N/A

5. Standard University-wide Recommendations:

- SR1. Projects for safety corrections are recommended.
- SR2. Projects for corrections or modifications necessary to comply with the Americans with Disabilities Act are recommended.
- SR3. Projects required to repair or replace a building's components are recommended provided that the total cost of the project does not exceed 25% of the replacement cost of the building.
- SR4. Expansion, replacement, and upgrading of existing utilities/infrastructure systems to support projects identified within this Educational Plant Survey are recommended.

6. Notes:

- 6.1 University is to write recommendation text in accordance with current Educational Plant Survey format criteria.

- 6.2 The Survey Team requires that projects recommended for approval are to be incorporated into the Master Plan update(s).
- 6.3 The Survey Team recommendations to the Board of Governors cannot exceed 100% of space needs met by formula in any of the nine (9) space categories. Any project that exceeds 100% of needs met must be modified to ensure approval by the Survey Team. The 100% threshold options are as follows:
- a. Verify space use classification (i.e. Classroom, Teaching Lab, etc.);
 - b. Reduce square footage in space use categories exceeding 100%;
 - c. Delete a project or the space in a use category that exceeds 100%;
 - d. Substitute with other proposed space use categories within the same project; and
 - e. Shift requested project priorities to stay below 100% threshold.

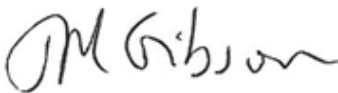
7. Projects Based on Exception Procedure:

The Survey Team is not recommending any projects based on the Exception Procedure at this time, but recognized that based on projects presented there are several new programs awaiting Board of Governors review and approval. Should any of these programs be approved and require additional space, a supplemental survey will be required.

8. Demolition Recommendations:

Pursuant to Board of Governors' Regulation 9.004, Razing of Buildings, demolition project beneath the \$1,000,000 threshold do not require an Educational Plant Survey recommendations; however, all reductions in space categories should be appropriately reflected in the Form B.

Sincerely,



J. Murray Gibson, PhD
Dean of FAMU-FSU College of Engineering
Professor of Mechanical Engineering



Rodner B. Wright
Provost for Academic Affairs
Florida A&M Mechanical University



Sally McRorie
Provost for Academic Affairs
Florida State University

TABLE 11

Analysis of Space Needs by Category

FAMU-FSU College of Engineering Engineering Site										
Net Assignable Square Feet Eligible for Fixed Capital Outlay Budgeting Revised August 14, 2017										
Traditional FTE= 1,970 On-Line FTE= 0 ***TOTAL FTE= 1,970										
	Class- room**	Teaching Lab**	Study	Research Lab	Office	Audi/ Exhib.**	Instruct. Media	Gym**	Campus Support Services	Total NASF
Space Needs by Space Current as of Fall 2016	23,643	29,554	35,465	49,256	59,108	5,911	7,881	0	10,639	221,457
1) Current Inventory as of: June 30, 2017										
A) Satisfactory Space	16,716	24,224	8,047	22,561	37,946	0	2,685	0	4,910	117,089
B) Total Unsatisfactory Space	0	0	0	0	0	0	0	0	0	0
1) Unsatisfactory Space with No Requested Action										0
2) Unsatisfactory Space to be Renovated/Remodeled										0
3) Unsatisfactory Space to be Terminated										0
4) Unsatisfactory Space to be Demolished										0
C) Ineligible Space		7,409		4,430	663					12,502
D) Total Under Construction	0	0	0	0	0	0	0	0	0	0
										0
TOTAL CURRENT INVENTORY:	16,716	31,633	8,047	26,991	38,609	0	2,685	0	4,910	129,591
2) Projects Funded for Con June 30th										
	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0
Total Funded Construction:	0	0	0	0	0	0	0	0	0	0
Plus: Total Planned Demolition	0	0	0	0	0	0	0	0	0	0
Net Space Needs	6,927	5,330	27,418	26,695	21,162	5,911	5,196	0	5,729	104,368
Percent Current Inventory and Funded Projects Minus Demolition Space Needs										
	71%	82%	23%	46%	64%	0%	34%	0%	46%	53%
(**Online FTE excluded from Classroom, Teaching Lab, Auditorium/Exhibition, and Gymnasium needs.)										
(***) In concurrence with the College of Engineering, Florida State University, and Florida A & M University it was agreed that the existing 2016 FTE's would be used in the Form B).										

**STATE UNIVERSITY SYSTEM OF FLORIDA
BOARD OF GOVERNORS
Facilities Committee
October 3, 2017**

SUBJECT: Sightlines Presentation

PROPOSED COMMITTEE ACTION

For information

AUTHORITY FOR BOARD OF GOVERNORS ACTION

Article IX, Section 7, Florida Constitution

BACKGROUND INFORMATION

At its meeting held September 3, 2015, the Facilities Committee recommended the adoption of the Sightlines facilities benchmarking service for all universities in the system, excluding New College and Florida Polytechnic. Additionally, the Board Office purchased a system license to facilitate reporting of this data. Today's presentation will mark the first time the Facilities Committee will see a high level summary from Sightlines.

Supporting Documentation Included: None

Facilitators/Presenters: Mr. Kevan R. Will, Senior Account Manager;
Mr. Mike Schelke, Regional Account Executive
Sightlines



STATE
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Board of Governors

AGENDA
Budget and Finance Committee
Ballroom
Cohen Center
Florida Gulf Coast University
10501 FGCU Boulevard South
Fort Myers, Florida 33965
October 3, 2017
10:00 a.m. - 12:00 p.m.

or

Upon Adjournment of Previous Meetings

Chair: Mr. Ned Lautenbach; Vice Chair: Mr. Alan Levine
Members: Huizenga, Kitson, Kuntz, Patel, Tripp

- | | | |
|----|------------------------------------|------------------------------------|
| 1. | Call to Order and Opening Remarks | Governor Ned Lautenbach |
| 2. | Performance-based Funding Model | Governor Lautenbach
Board Staff |
| 3. | Concluding Remarks and Adjournment | Governor Lautenbach |

**STATE UNIVERSITY SYSTEM OF FLORIDA
BOARD OF GOVERNORS
Budget and Finance Committee
October 3, 2017**

SUBJECT: Performance-based Funding Model

PROPOSED COMMITTEE ACTION

For Discussion

AUTHORITY FOR BOARD OF GOVERNORS ACTION

Article IX, Section 7, Florida Constitution

BACKGROUND INFORMATION

The Board adopted a performance funding model in January 2014 based on 10 metrics.

The Committee has been clear that the model will be reviewed annually to determine if any changes need to be made.

The following metrics will be discussed during the workshop:

1. Metric 3 – Presentation on capturing cost of textbooks
2. Metric 4 – Six-Year Graduation Rates
3. Metric 7 – University Access Rate
4. Metric 9 – Board of Governors Choice Metric
5. Metric 10 – Board of Trustees Choice Metric
6. Allocation methodologies

A list of the metrics are attached and further information will be provided during the meeting.

Supporting Documentation Included:

1. Performance Funding Model Overview
2. Regulation 5.001
3. Metric Definitions
4. Documentation for Metrics listed above

Facilitators/Presenters: Governor Lautenbach, Board Staff

Board of Governors Performance Funding Model Overview

The Performance Funding Model includes 10 metrics that evaluate the institutions on a range of issues. Two of the 10 metrics are Choice metrics; one picked by the Board and one by the university boards of trustees. These metrics were chosen after reviewing over 40 metrics identified in the University Work Plans.

The model has four guiding principles: 1) use metrics that align with SUS Strategic Plan goals, 2) reward Excellence or Improvement, 3) have a few clear, simple metrics, and 4) acknowledge the unique mission of the different institutions.

Key components of the model:

- Institutions will be evaluated on either Excellence or Improvement for each metric.
- Data is based on one-year data.
- The benchmarks for Excellence were based on the Board of Governors 2025 System Strategic Plan goals and analysis of relevant data trends, whereas the benchmarks for Improvement were determined after reviewing data trends for each metric.
- The Florida Legislature and Governor determine the amount of new state funding and an amount of institutional funding that would come from each university's recurring state base appropriation.

Metrics Common to all Institutions:

Seven metrics apply to all eleven institutions. The eighth metric, graduate degrees awarded in areas of strategic emphasis (8a), applies to all institutions except New College. The alternative metric for New College (8b) is "freshman in the top 10% of graduating high school class."

Metrics Common to all Institutions	
1. Percent of Bachelor's Graduates Employed (Earning \$25,000+) or Continuing their Education	6. Bachelor's Degrees Awarded in Areas of Strategic Emphasis
2. Median Wages of Bachelor's Graduates Employed Full-time	7. University Access Rate (Percent of Undergraduates with a Pell-grant)
3. Average Cost to the Student (Net Tuition per 120 Credit Hours)	8a. Graduate Degrees Awarded in Areas of Strategic Emphasis 8b. Freshman in Top 10% of Graduating High School Class – for NCF only
4. Six Year Graduation Rate (Full-time and Part-time FTIC)	9. Board of Governors Choice
5. Academic Progress Rate (2nd Year Retention with GPA Above 2.0)	10. Board of Trustees Choice

Board Choice Metric - The Board has approved metrics that focuses on areas of improvement and the distinct missions of each university. UF and FSU have a metric measuring faculty awards to represent the research focus of these institutions. New College has "national ranking for institutional and program achievement." The remaining eight institutions all have the "percentage of students graduating without excess hours".

Board of Trustees Choice Metric - Each Board of Trustees has chosen a metric from the remaining metrics in the University Work Plans that are applicable to the mission of that university and have not been previously chosen for the model.

Board of Governors

Performance Funding Model Overview

How will the funding component of the model work?

To ensure each university is striving to excel and improve on key metrics, there must be a financial incentive. That financial incentive will not only be new state funding, but an amount of the base state funding reallocated.

State Investment versus Institutional Base Funding:

The amount of the state investment appropriated by the Legislature and Governor for performance funding will be matched by an amount reallocated from the university system base budget. These “institutional base” funds are the cumulative recurring state appropriations the Legislature has appropriated to each institution. Any state investment funding appropriated would be allocated as follows:

State Investment Funding Allocation

1. Each university metric is evaluated based on Excellence or Improvement and has ten benchmarks ranging from low to high. The lowest benchmark receives one point, while the highest receives ten points. The higher point value for Excellence or Improvement on each metric are counted in the university’s total score.
2. The state investment will be allocated based on points earned, with a maximum of 100 points possible.
3. A university is required to earn more than 50 points in order to be eligible to receive the state investment.
4. A university not meeting the required point threshold or the three lowest scoring universities will not receive any of the state investment.
5. A university that is not one of the three lowest scoring institutions and has earned more than the required point threshold will receive the state investment funds proportional to their existing base funds with the highest scoring universities eligible for additional state investment funds.
6. All ties within the scoring will be broken using the Board’s approved tiebreaker procedure:
 - a. Compare the total of Excellence and Improvement scores
 - b. Give advantage to higher points earned through Excellence
 - c. Score metric by metric giving a point to the school with the higher score
 - d. If tied after three levels of tiebreakers, the tie will go to the benefit of the institutions

Institutional Base Funding Allocation

1. A prorated amount will be deducted from each university’s base recurring state appropriation.
2. A university earning more than 50 points will have their institutional investment funding restored.
3. A university scoring 50 points or less will have to submit an improvement plan to the Board of Governors and show improvement according to that approved plan in order to have their institutional investment funding restored.

5.001 Performance-Based Funding

(1) The Performance Based Funding (PBF) model is based upon four guiding principles:

- (a) Align with the State University System's (SUS) Strategic Plan goals;
- (b) Reward excellence and improvement;
- (c) Have a few clear, simple metrics; and
- (d) Acknowledge the unique mission of the different institutions.

(2) The PBF model measures institutional excellence and improvement of performance using metrics adopted by the Board of Governors. The metrics include graduation rates; retention rates; post-graduation education rates; degree production; affordability; post-graduation employment and salaries, including wage thresholds that reflect the added value of a baccalaureate degree; access; and other metrics that may be approved by the Board in a formally noticed meeting.

(3) The performance of an institution is evaluated based on benchmarks adopted by the Board of Governors for each metric. For each fiscal year, the amount of funds available for allocation to SUS institutions shall consist of the state's investment, plus the institutional investment from each institution's base budget, as determined in the General Appropriations Act. The amount of institutional investment withheld from each SUS institution shall be a proportional amount based on each institution's recurring base state funds to the total SUS recurring base state funds (excluding special units). Florida Polytechnic University is not included in the model until such time as data is readily available.

(4) On a 100-point scale, a threshold of 51-points is established as the minimum number of total points needed to be eligible for the state's investment.

- (a) All SUS institutions eligible for the state's investment shall have their proportional amount of institutional investment restored.
- (b) The three universities with the lowest points, regardless of whether they meet the 51-point threshold, are not eligible for the state's investment. The proportional amount of the state's investment that would have been distributed to the three lowest scoring institutions will be distributed to the top three scoring institutions based on the total points of the top three scoring eligible institutions.
- (c) Institutions eligible for the state's investment shall receive an amount based on their prorated share of recurring state base funds to the total SUS recurring base state funds.

(5) Any institution that fails to meet the minimum threshold of 51-points for the state's investment shall submit a final improvement plan to the Board of Governors for consideration at its June meeting that specifies the activities and strategies for

improving the institution's performance. As of July 1, 2016, an institution is limited to only one improvement plan.

- (a) The Board of Governors will monitor the institution's progress on implementing the activities and strategies specified in the plan, and the Chancellor shall withhold disbursement of the institutional investment until the improvement plan monitoring report for each institution is approved by the Board of Governors.
 - (b) Improvement plan monitoring reports shall be submitted to the Board of Governors no later than December 31 and May 31 of each fiscal year.
 - (c) The December 31 monitoring report will be considered by the Board of Governors at its January meeting and if it is determined that the institution is making satisfactory progress on implementing the plan, the institution shall receive up to 50 percent of its institutional investment.
 - (d) The May 31 monitoring report will be considered by the Board of Governors at its June meeting and if it is determined that the institution has fully completed the plan, the institution shall receive the remaining balance of its institutional investment.
 - (e) Any institution that fails to make satisfactory progress shall not have its full institutional investment restored, and any institutional investment funds remaining shall be distributed to the three institutions that demonstrate the most improvement on the metrics based upon those institutions' share of total improvement points.
- (6) If an institution, after the submission of one improvement plan, subsequently fails to meet the 51-point threshold, its institutional investment will be redistributed to the institutions meeting the 51-point threshold, based on the points earned by each institution.
- (7) In the case of a tie in the number of points earned, the Board of Governors shall implement a tie breaker in the order shown as follows:
- (a) Compare the total of excellence and improvement scores;
 - (b) Compare only the excellence scores;
 - (c) Score metric by metric giving a point to the institution with the higher score; and
 - (d) If still tied, the tie will go to the benefit of the institutions, irrespective of whether the institutions are tied for placement among the top three scoring institutions or are tied for placement among the bottom three institutions.
- (8) By October 1 of each year, the Board of Governors shall submit a report to the Governor, President of the Senate, and Speaker of the House of Representatives on the previous fiscal year's performance funding allocation, including the rankings and award distributions.

Authority: Section 7(d), Art. IX, Fla. Const., Section 1001.92, Florida Statutes; History:
New 9-22-16.

PERFORMANCE BASED FUNDING 2017 METRIC DEFINITIONS

1. Percent of Bachelor's Graduates Enrolled or Employed (\$25,000+) <i>in the U.S. One Year After Graduation</i>	<p>This metric is based on the percentage of a graduating class of bachelor's degree recipients who are enrolled or employed (earning at least \$25,000) somewhere in the United States. Students who do not have valid social security numbers and are not found enrolled are excluded. This data now includes non-Florida data from 41 states and districts, including the District of Columbia and Puerto Rico.</p> <p>Sources: Accountability Report (Table 4O). State University Database System (SUDS), Florida Education & Training Placement Information Program (FETPIP) analysis of Wage Record Interchange System (WRIS2) and Federal Employment Data Exchange (FEDES), and National Student Clearinghouse (NSC).</p>
2. Median Wages of Bachelor's Graduates Employed Full-time One Year After Graduation	<p>This metric is based on annualized Unemployment Insurance (UI) wage data from the fourth fiscal quarter after graduation for bachelor's recipients. This data does not include individuals who are self-employed, employed by the military, those without a valid social security number, or making less than minimum wage. This data now includes non-Florida data from 41 states and districts, including the District of Columbia and Puerto Rico.</p> <p>Sources: Accountability Report (Table 4O). State University Database System (SUDS), Florida Education & Training Placement Information Program (FETPIP) analysis of Wage Record Interchange System (WRIS2) and Federal Employment Data Exchange (FEDES), and National Student Clearinghouse (NSC).</p>
3. Cost to the Student <i>Net Tuition & Fees per 120 credit hours</i>	<p>This metric is based on resident undergraduate student tuition and fees, books and supplies as calculated by the College Board (which serves as a proxy until a university work group makes an alternative recommendation), the average number of credit hours attempted by students who were admitted as FTIC and graduated with a bachelor's degree for programs that requires 120 credit hours, and financial aid (grants, scholarships and waivers) provided to students. Source: Accountability Report (Table 1D) – which, combines the Legislature's annual General Appropriations Act, university required fees and several files (HTD, SFA, SIF) within SUDS.</p>
4. Six Year FTIC Graduation Rate	<p>This metric is based on the percentage of first-time-in-college (FTIC) students who started in the Fall (or summer continuing to Fall) term and had graduated from the same institution within six years. Source: Accountability Report (Table 4D).</p>
5. Academic Progress Rate <i>2nd Year Retention with GPA Above 2.0</i>	<p>This metric is based on the percentage of first-time-in-college (FTIC) students who started in the Fall (or summer continuing to Fall) term and were enrolled full-time in their first semester and were still enrolled in the same institution during the Fall term following their first year with had a grade point average (GPA) of at least 2.0 at the end of their first year (Fall, Spring, Summer). Source: Accountability Report (Table 4B).</p>
6. Bachelor's Degrees within Programs of Strategic Emphasis	<p>This metric is based on the number of baccalaureate degrees awarded within the programs designated by the Board of Governors as 'Programs of Strategic Emphasis'. A student who has multiple majors in the subset of targeted Classification of Instruction Program codes will be counted twice (e.g., double-majors are included).</p> <p>Source: Accountability Report (Table 4H).</p>
7. University Access Rate <i>Percent of Undergraduates with a Pell-grant</i>	<p>This metric is based the number of undergraduates, enrolled during the fall term, who received a Pell-grant during the fall term. Unclassified students, who are not eligible for Pell-grants, were excluded from this metric. Source: Accountability Report (Table 3E).</p>
8a. Graduate Degrees within Programs of Strategic Emphasis	<p>This metric is based on the number of graduate degrees awarded within the programs designated by the Board of Governors as 'Programs of Strategic Emphasis'. A student who has multiple majors in the subset of targeted Classification of Instruction Program codes will be counted twice (e.g., double-majors are included).</p> <p>Source: Accountability Report (Table 5C).</p>
8b. Freshmen in Top 10% of High School Class NCF	<p>Percent of all degree-seeking, first-time, first-year (freshman) students who had high school class rank within the top 10% of their graduating high school class.</p> <p>Source: New College of Florida as reported to the Common Data Set (C10).</p>

PERFORMANCE BASED FUNDING METRIC DEFINITIONS

BOG Choice Metrics

9a. Percent of Bachelor's Degrees Without Excess Hours

FAMU, FAU, FGCU, FIU,
UCF, UNF, USF, UWF

This metric is based on the percentage of baccalaureate degrees awarded within 110% of the credit hours required for a degree based on the Board of Governors Academic Program Inventory. Additional Note: It is important to note that the statutory provisions of the "Excess Hour Surcharge" (1009.286, FS) have been modified several times by the Florida Legislature, resulting in a phased-in approach that has created three different cohorts of students with different requirements. The performance funding metric data is based on the latest statutory requirements that mandates 110% of required hours as the threshold. In accordance with statute, this metric excludes the following types of student credits (eg, accelerated mechanisms, remedial coursework, non-native credit hours that are not used toward the degree, non-native credit hours from failed, incomplete, withdrawn, or repeated courses, credit hours from internship programs, credit hours up to 10 foreign language credit hours, and credit hours earned in military science courses that are part of the Reserve Officers' Training Corps (ROTC) program). Source: Accountability Report (Table 4J), State University Database System (SUDS).

9b. Number of Faculty Awards

FSU, UF

This metric is based on the number of awards that faculty have earned in the arts, humanities, science, engineering and health fields as reported in the annual 'Top American Research Universities' report. Twenty-three of the most prominent awards are considered, including: Getty Scholars in Residence, Guggenheim Fellows, Howard Hughes Medical Institute Investigators, MacArthur Foundation Fellows, National Endowment for the Humanities (NEH) Fellows, National Medal of Science and National Medal of Technology, Robert Wood Johnson Policy Fellows, Sloan Research Fellows, Woodrow Wilson Fellows, to name a few awards.

Source: Center for Measuring University Performance, Annual Report of the Top American Research Universities (TARU).

9c. National Ranking for University

NCF

This metric is based on the number of Top 50 university rankings that NCF earned from the following list of publications: Princeton Review: Top 50 Colleges That Pay You Back, Fiske Guide, QS World University Ranking, Times Higher Education World University Ranking, Academic Ranking of World University, US News and World Report National University, US News and World Report National Public University, US News and World Report Liberal Arts Colleges, Forbes, Kiplinger, Washington Monthly Liberal Arts Colleges, Washington Monthly National University, and Center for Measuring University Performance.

Source: Board of Governors staff review.

PERFORMANCE BASED FUNDING METRIC DEFINITIONS

BOT Choice Metrics

10a. Percent of R&D Expenditures Funded from External Sources FAMU	This metric reports the amount of research expenditures that was funded from federal, private industry and other (non-state and non-institutional) sources. Source: Accountability Report (Table 6A), National Science Foundation annual survey of Higher Education Research and Development (HERD).
10b. Bachelor's Degrees Awarded to Minorities FAU, FGCU, FIU	This metric is the number, or percentage, of baccalaureate degrees granted in an academic year to Non-Hispanic Black and Hispanic students. This metric does not include students classified as Non-Resident Alien or students with a missing race code. Source: Accountability Report (Table 4I), State University Database System (SUDS).
10c. National Rank Higher than Predicted by the Financial Resources Ranking Based on U.S. and World News FSU	This metric is based on the difference between the Financial Resources rank and the overall University rank. U.S. News measures financial resources by using a two-year average spending per student on instruction, research, student services and related educational expenditures - spending on sports, dorms and hospitals doesn't count. Source: US News and World Report's annual National University rankings.
10d. Percent of Undergraduate Seniors Participating in a Research Course NCF	This metric is based on the percentage of undergraduate seniors who participate in a research course during their senior year. Source: New College of Florida.
10e. Number of Bachelor Degrees Awarded Annually UCF	This metric is the number of baccalaureate degrees granted in an academic year. Students who earned two distinct degrees in the same academic year were counted twice; students who completed multiple majors or tracks were only counted once. Source: Accountability Report (Table 4G), State University Database System (SUDS).
10f. Number of Licenses/Options Executed Annually UF	This metric is the total number of licenses and options executed annually as reported to Association of Technology Managers (AUTM). The benchmarks are based on UF's rank within AAU institutions. Source: Accountability Report (Table 6A), University of Florida.
10g. Percent of Undergraduate FTE in Online Courses UNF	This metric is based on the percentage of undergraduate full-time equivalent (FTE) students enrolled in online courses. The FTE student is a measure of instructional activity that is based on the number of credit hours that students enroll by course level. Distance Learning is a course in which at least 80 percent of the direct instruction of the course is delivered using some form of technology when the student and instructor are separated by time or space, or both (per 1009.24(17), F.S.). Source: Accountability Report (Table 3C), State University Database System (SUDS).
10h. Number of Postdoctoral Appointees USF	This metric is based on the number of post-doctoral appointees at the beginning of the academic year. A postdoctoral researcher has recently earned a doctoral (or foreign equivalent) degree and has a temporary paid appointment to focus on specialized research/scholarship under the supervision of a senior scholar. Source: National Science Foundation/National Institutes of Health annual Survey of Graduate Students and Postdoctorates in Science and Engineering (GSS).
10i. Percentage of Adult Undergraduates Enrolled UWF	This metric is based on the percentage of undergraduates (enrolled during the fall term) who are at least 25 years old at the time of enrollment. This includes undergraduates who are unclassified (not degree-seeking) students. Source: State University Database System (SUDS).

2015-16 COST TO THE STUDENT: Net Tuition for Resident Undergraduates in 120hr Program -- 02/27/2017

A	1. STICKER PRICE				2. FINANCIAL AID							3. NET
	B	C	D	E	F	G	H	I	J	K	L	M
UNIV	2015-16 UNDERGRAD RESIDENT TUITION & FEES (per CREDIT HR)	2015-16 BOOKS & SUPPLIES SYSTEM AVERAGE	2015-16 MEAN TOTAL CREDIT HOURS FOR 120 HR PROGRAMS	2015-16 STICKER COST PER DEGREE ((B*C)*D)	AY2015-16 RESIDENT UNDERGRAD GRANTS	AY2015-16 RESIDENT UNDERGRAD SCHOLARSHIPS	AY2015-16 RESIDENT UNDERGRAD WAIVERS	AY2015-16 RESIDENT UNDERGRAD TOTAL SFA (F+G+H)	AY2015-16 RESIDENT UNDERGRAD CREDIT HOURS (ALL)	AY2015-16 GIFT AID PER CREDIT HOUR (I/J)	GIFT AID PER 120 CREDITS (Kx120)	NET TUITION PER DEGREE (E-L)
FAMU	\$194.24	\$40.83	157.10	\$36,929	\$29,033,810	\$10,454,228	\$630,818	\$40,118,857	198,178	\$202	\$24,293	\$12,640
FAU	\$206.41	\$40.83	130.49	\$32,263	\$57,121,761	\$17,268,340	\$937,496	\$75,327,597	574,806	\$131	\$15,726	\$16,540
FGCU	\$203.94	\$40.83	133.12	\$32,583	\$23,514,796	\$10,951,758	\$3,037,884	\$37,504,438	326,210	\$115	\$13,796	\$18,790
FIU	\$218.41	\$40.83	136.82	\$35,470	\$116,741,725	\$27,091,008	\$2,951,846	\$146,784,579	963,188	\$152	\$18,287	\$17,180
FSU	\$216.88	\$40.83	122.81	\$31,650	\$66,457,186	\$51,344,901	\$1,438,364	\$119,240,451	855,947	\$139	\$16,717	\$14,930
NCF	\$192.10	\$40.83	135.52	\$31,566	\$1,698,020	\$3,311,959	\$8,310	\$5,018,289	24,264	\$207	\$25,646	\$5,920
UCF	\$212.28	\$40.83	126.10	\$31,917	\$122,355,180	\$62,553,994	\$1,657,222	\$186,566,396	1,345,643	\$139	\$16,637	\$15,280
UF	\$212.71	\$40.83	123.03	\$31,194	\$78,321,580	\$80,880,243	\$544,376	\$159,746,198	933,415	\$171	\$20,537	\$10,660
UNF	\$213.13	\$40.83	127.89	\$32,478	\$27,157,677	\$15,717,123	\$491,916	\$43,366,716	341,888	\$127	\$15,221	\$17,260
USF	\$209.90	\$40.83	125.94	\$31,577	\$90,200,622	\$48,365,774	\$2,184,858	\$140,751,255	917,683	\$153	\$18,405	\$13,170
UWF	\$211.98	\$40.83	127.62	\$32,265	\$20,102,807	\$6,937,732	\$2,559,330	\$29,599,869	222,981	\$133	\$15,930	\$16,340
SUS	\$211.97	\$40.83	128.29	\$32,432	\$632,705,164	\$334,877,060	\$16,442,420	\$984,024,644	6,704,203	\$147	\$17,613	\$14,820

SOURCE: Board of Governors staff analysis of the State University Database System (SUDS).

NOTES:

COLUMN B: Values include tuition and required fees (ie, TDF) as reported in Tuition and Fee factbook report, available at: <http://www.flbog.edu/about/budget/current.php>. Note: USF and SUS values are based on enrollment-weighted averages.

COLUMN C: Values are based on the national book and supplies costs as reported by the College Board's annual *Trends in College Pricing* publication.

COLUMN D: Values are based on Board staff analysis of the Hours to Degree (HTD) data for FTICs graduating from a standard 120 hour program. Catalog Hrs based on 'max approved' hrs in Program Inventory. This excludes non-native credits that were not used-toward-degree. Also, it excludes credits exempted in the excess hrs statute (accelerated/dual/exam credits, military and life experience, etc...). Remedial credits are included however.

COLUMNS F-G: Values are based on Board staff analysis of university Student Financial Aid (SFA) data for resident undergrads (excludes unclassifieds) for the academic year (payment terms ending in 05,07, 08, 01).

COLUMN H: Values are based on Board staff analysis of university waivers for resident undergraduates (excludes unclassifieds) for the academic year (terms ending in 05, .07, 08, 01).

COLUMN J: Values are based on Board staff analysis of academic year 2014-15 Student Instruction File (SIF) data for resident undergraduates (excludes unclassifieds), includes budget entities (1,4) and all funding categories.

COLUMN L: Values are based on the calculated Gift Aid per credit hour and multiplied by 120 credit hours to represent a standard 120 hour degree.

COLUMN M: Values are based on subtracting the calculated Gift Aid per 120 hrs by the estimated Sticker Price for a standard 120 hr degree.

Metric 3 – Textbook Affordability Using the 5 Step Process

STEP 1. Universities shall start with a national average for books & supplies which has been the case since Metric 3 has been in existence and allows each university to have the same starting point. (This makes the final net cost number realistic - without attempting to be precise of the actual number).

STEP 2. Each university shall report to the Board of Governors the aggregated costs of the required textbooks by course section and term which can be obtained from their own campus bookstore. Each university shall also provide an inventory of open access materials per course section.

Costs associated in the calculation shall be undergraduate courses only and are as follows: Average New Price, Average Used Price, Average Rental Price, plus an additional column for Open Access Percentage. Costs are aggregated at the section level and if multiple books are required for one course section, then all book costs shall be added by price category. (See Price Category Definitions for cost inclusion).

Because some course sections require multiple books available in alternate formats, the average price for each item must be determined separately by adding the prices of all available formats and dividing by the count of those formats. Then, sum the calculated averages of all required items.

Average of Item = (format #1 price + format #2 price, etc.) / count of formats

Average Price = (average of item #1 + average of item #2, etc.)

Price Categories Definitions:

1. Average New Price = (average of new item #1 + average of new item #2, etc.)
2. Average Used Price = (average of used item #1 + average of used item #2, etc.)
3. Average Rental Price = (average of rental item #1 + average of rental item #2, etc.)
4. Open Access Percentage: percentage of students who can have access to the textbook materials free of charge. Calculated by dividing the number of required textbooks which are available for check out in the campus library, either digitally or in print by the total section enrollment. A value of 0 is applied to this column if the textbook is not available through any open access mechanism.

Note: The initial reporting submission shall be done through an ad-hoc data request from the Board of Governors using the Data Request System via the BOG portal. Once an established format has been decided upon by the Board of Governors for reporting these data points, this reporting shall be combined through the submission process for the Student Instruction File (SIF) by using the Instructional Activity table portion of the SIF. The Instructional Activity table portion of the SIF reports one row per course and section being taught for that particular submission time frame and costs could be reported during this process by adding additional columns (data elements). Through this methodology, the data then becomes verifiable and auditable for each term submission.

Metric 3 – Textbook Affordability Using the 5 Step Process

STEP 3. Compute the average of all price categories as defined in STEP 2 for each distinct item of a course section. The average price for each item must be determined separately. If only 2 or 3 of the 4 categories are present, only compute the average based on the number of categories available. The course average is the sum of the average cost of each required item multiplied by one minus the Open Access Percentage. If at least one required item does not have a value in a price category, the course average for that price category cannot be computed.

STEP 4. Multiply the average of price categories computed in STEP 3 by the enrollment to find the section total cost. Multiply the course credit by the course section enrollment to find the student credit hours generated by the undergraduate courses. Total these for Fall term only and divide Course Total Cost by Student Credit Hours to determine the cost per credit hour for the Fall term. Complete the analysis for two Fall terms and calculate the % difference from one to the other.

STEP 5. Apply the % difference to the national average. Subtract the difference (of the national average minus STEP 3 average) to the value in STEP 1 if an improvement was recorded. The result is the plug in value to be used in the cost to a student measure. Applying the percentage difference to the national average prevents one institution from being disadvantaged against another as a result of their curricular mix.

Note: This would result in each university having an incentive to reduce book cost and also allows universities to receive credit for initiatives that reduce textbook costs (from any department). The HB7019 statute 1004.085 contains language associated with allowable "cost reduction" efforts to the student for books. The specific language comes from F.S. 1004.085 (7)(g) which states:

(g) Selection of textbooks and instructional materials through cost-benefit analyses that enable students to obtain the highest-quality product at the lowest available price, by considering:

1. Purchasing digital textbooks in bulk.
2. Expanding the use of open-access textbooks and instructional materials.
3. Providing rental options for textbooks and instructional materials.
4. Increasing the availability and use of affordable digital textbooks and learning objects.
5. Developing mechanisms to assist in buying, renting, selling, and sharing textbooks and instructional materials.
6. The length of time that textbooks and instructional materials remain in use.
7. An evaluation of cost savings for textbooks and instructional materials which a student may realize if individual students are able to exercise opt-in provisions for the purchase of the materials.

The described logic in the 5 STEP process can use the first 5 of these strategies effectively to reduce the cost of textbooks to the students.

Metric 3 – Textbook Affordability Using the 5 Step Process

See the table below to show the potential quick improvements to metric 3.

BOOK COSTS CROSS-TAB	SCENARIOS					
	DEFAULT	#1	#2	#3	#4	#5
<i>% Improvement over prior Fall applied to national average</i>	0%	10%	20%	30%	40%	50%
COSTS PER SCH	\$40.00	\$36.00	\$32.00	\$28.00	\$24.00	\$20.00
COSTS PER 120SCH	\$4,800	\$4,320	\$3,840	\$3,360	\$2,880	\$2,400
COSTS PER 125SCH	\$5,000	\$4,500	\$4,000	\$3,500	\$3,000	\$2,500
COSTS PER 130SCH	\$5,200	\$4,680	\$4,160	\$3,640	\$3,120	\$2,600
Note: The \$40.00 books & supplies value is a proxy based on national data. This amount can potentially vary annually, or not. For now, the \$40 is a placeholder for illustrative purposes.						

Methodological Considerations:

- Consider undergraduate courses only.
- Average all formats of a required item regardless of whether the alternate format is coded as Required or Recommended.
- Only include courses for which adoptions were submitted to the bookstore or the bookstore was notified no textbook was required.
- Exclude Clickers and Calculators as they may be used for multiple courses through a student's curriculum.
- Remove 0 credit courses

1 | UNF Model

UNF Proposed Model for Calculating the Average
Annual Cost of Required Textbooks and Related Materials
For Use in Florida Performance-Based Metric 3

A team, consisting of the manager of UNF's Follett Bookstore, the UNF registrar, the director of UNF's Auxiliary Services, the university's vice president and chief of staff and one student assistant, took upon itself developing a manageable process for collecting data directly from UNF's bookstore and registrar's records to calculate the average annual cost if undergraduate students bought all of their required materials for their courses at the lowest price available to any student taking those particular courses. Once the process was designed it was tested using spring 2017 data collected from the bookstore and registrar's offices, each of which supplied a single spreadsheet detailing their respective data contributions (see detailed process described in next section of this document). The two data sets used in this model are readily retrievable from bookstore and registrar's records across the SUS. The data were run on a personal Surface Pro computer, but could be programmed to run more efficiently by the university's institutional research.

The assumptions that underlie the model are that all students are purchasing their books from the on-campus bookstore and that all students are purchasing all of the **required** textbooks and other **required** class materials at the lowest price charged by the campus bookstore.

We, of course, recognize that these assumptions are significantly flawed. In several cases, over fifty percent of the students will violate one or both of these assumptions. But there are no hard data available to construct an algorithm to address those students who fail to follow these assumptions. This is, of course, a flaw in any and all existing models.

That being said, the model becomes considerable more accurate when universities and the state systems establish more effective and cost saving contracts with campus bookstores that can reduce the prices of books and make it easier and more cost effective for students to purchase all of the materials necessary to successfully complete their courses through the bookstore or some alternative distribution service.

The advantages of this model are that it uses the actual data from university and it results in an accounting for the average cost of books which reflects the proportionate enrollments in the different majors at the university – e.g. institutions with a higher percentage of students in engineering are likely to have a higher average cost of textbooks reflecting the actual costs of engineering textbooks. As Metric 3 is designed, these very real costs based on major are likely to, at least in part, be balanced by the merit-based aid frequently given to students in STEM fields.

In implementing the model, the BOG would need to decide whether institutional data are to be run for both fall and spring terms. Or if one term's data (typically fall) could be used as a proxy for both fall and spring costs. Additionally, institutions that purchase sets of textbooks for student checkout from the library would need to be able to reduce student costs based on the number of textbooks that are purchased to relieve students from the requirement to purchase these texts.

If it is important that we calculate average cost of required books and materials as specified in the charge to the committee, this model comes closest to that objective. If universities and the system work with major book vendors to ensure that college bookstores are charging the lowest possible price, the model becomes an even more robust tool.

2 | UNF Model

Calculating the Average Annual Cost of Required Textbooks and Related Materials

Who selects, and what is the required text book?

Faculty members have the responsibility, as individuals or a collective group of course instructors, to select the printed and adjunct media required and/or recommended for the courses they teach.

Note: In some cases, required course materials may vary for different students in the same course; e.g., first-term biology majors may need a piece of supplemental equipment/materials for use at different points during their programs of study which lower-level students taking the same course for general education credit would not need to buy.

All students enrolled in a course are expected to purchase required texts and materials, but may or may not buy recommended materials. And thus, recommended materials are not considered in calculating the cost of required text books.

In some cases, faculty offer students either/or choices. The student can buy a hardback book or an electronic version. The less expensive of these choices will be considered the required text.

In other instances, a faculty member may provide a list of books and require the student to buy a specified number of books but not specific titles from the list.

An English literature faculty member may list 10 novels and require each student to buy any three books from the list. In such cases, the three least expensive books would constitute the required text books.



What choices do students need to make?

When the student enters the bookstore, they should see all of the materials displayed with required and recommended materials clearly differentiated.

Students will, at times, find choices for acquiring the required materials.

Used books, electronic vs. hardcopy texts, and rental copies of materials – each of these options will be priced differently, but there may be limitations on the number of copies available. Typically, there will not be sufficient numbers of used books for all or even most enrolled students.

At this point, the student can cut or increase the cost of her/his purchase, based on her/his choices (hard copy vs electronic (new hard copy v. e-copy))

For calculation purposes, the least expensive option is the lowest-cost option open for all students. Often this is the e-copy,



3 | UNF Model

What data does a university need to collect, and what assumptions must be made to calculate an average cost of text books for its student body?

This formula operates under the principle that the cost of books for the average student will be calculated using the lowest-cost required text book(s) and associated materials available to all students.

- The data needed to use the formula can be retrieved and calculated from the school bookstore and the school registrar's office.
- The bookstore will provide a listing of all the course sections for which they offered books or other materials for the academic term under study. The bookstore's spread sheet should begin with the same three elements as provided in the registrar's spread sheet: subject matter identifier for the course (BSC = biological sciences, ZOO = Zoology), four-digit common course numbers, and the CRNs (course reference numbers). This allows for later blending of the two spread sheets.
- In the next columns, the bookstore will show each text/set of materials (author and title) sold for that CRN, along with its usage and its current cost. It is also likely to show, albeit unnecessary, the ISBN number for that particular text/piece of material. See below.

Before merging the bookstore's table with the registrar's spread sheet, the institution should sort the bookstore's spread sheet by usage.

- Usage refers to whether the book is a **required material, instructor recommended, or bookstore recommended material, or a choice material**.
- Once you have sorted by usage, the institution should delete all recommended and bookstore-recommended texts. Students are not required to purchase these. After the school has eliminated these categories of usage, the institution should re-sort the spread sheet by CRN (lowest to highest) and then by price, again lowest to highest.
- The figure below provides an example of what the table from the bookstore might look like at UNF.

Figure 1: Spread Sheet from Bookstore

Dept. (subject matter)	Course	CRN	Usage	ISBN	Author	Title	Current New Retail Price
ACG	2021	10308	Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50
ACG	2021	10308	Choice Required	9781305662360	Warren	Corporate Financial Accounting (ML CNOW PAC)	\$135.00
ACG	2021	10308	Required	9781305776128	Warren	CME CRP FNNCL ACCNTNG (LLF)(PKG)	\$181.75
ACG	2021	10309	Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50
ACG	2021	10309	Choice Required	9781305662360	Warren	Corporate Financial Accounting (ML CNOW PAC)	\$135.00
ACG	2021	10309	Required	9781305776128	Warren	CME CRP FNNCL ACCNTNG (LLF)(PKG)	\$181.75

The registrar's office also needs to provide a complete listing of course sections offered in the term used for analysis. The listing should, likewise, be in the form of an Excel spread sheet and include the subject matter identifier, the four-digit common course number, and the CRN. These three designators will allow the bookstore and the registrar's spread sheet to be merge together. The registrar's spread sheet should also include the credit hours for each course offered by the institution, as drawn from the bookstore and the number of enrolled students.

- Once the two tables are merged, someone from the school needs to go through the list of courses in those classes where there are options and delete the more expensive of the required options. Fortunately, most courses will only have required materials listed at this point.

4 | UNF Model

Figure 2: Merged Spread Sheet from Bookstore and Registrar's Office

Dept.	Course	CRN	Credit Hours	Enrolled	Usage	ISBN	Author	Title	Current New Retail Price
ACG	2021	10308	3	12	Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50
ACG	2021	10308			Choice Required	9781305662360	Warren	Corporate Financial Accounting (ML CNOW PAC)	\$135.00
ACG	2021	10308			Required	9781305776128	Warren	CME CRP FNNCL ACCNTNG (LLF)(PKG)	\$181.75
ACG	2021	10309	3	18	Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50
ACG	2021	10309			Choice Required	9781305662360	Warren	Corporate Financial Accounting (ML CNOW PAC)	\$135.00
ACG	2021	10309			Required	9781305776128	Warren	CME CRP FNNCL ACCNTNG (LLF)(PKG)	\$181.75

When the spread sheets are completely merged, a set of four calculations needs to be run.

- The first of these is to determine how many SCHs (student credit hours) were generated in each course section. This is easily done by multiplying the credit hours assigned to the course by the number of students enrolled.

Figure 3: Calculate Total SCHs Generated in Each Section

Dept.	Course	CRN	Credit Hours	Enrolled	Total Credit Hours Generated	Usage
ACG	2021	10308	3	12	36	Required
ACG	2021	10308				Choice Required
ACG	2021	10308				Required
ACG	2021	10309	3	18	54	Required
ACG	2021	10309				Choice Required
ACG	2021	10309				Required

- The next three calculations deal with the cost of the text books. In the first calculation, the university must add the prices for all required material, at their lowest cost, in a course section together, (e.g., \$53.50 + \$135.00 + \$181.75 = \$370.25).

Figure 4: Calculating the Total Cost of Books for a Course Section

Title	Current New Retail Price	Individual Total for the Class
Response Card NXT: Rcxr-03 CLICKER	\$53.50	\$370.25
Corporate Financial Accounting (ML CNOW PAC)	\$135.00	
CME CRP FNNCL ACCNTNG (LLF)(PKG)	\$181.75	
Response Card NXT: Rcxr-03 CLICKER	\$53.50	\$370.25
Corporate Financial Accounting (ML CNOW PAC)	\$135.00	
CME CRP FNNCL ACCNTNG (LLF)(PKG)	\$181.75	

- In the next calculation, the college staff divides the total cost for books to the individual student by the credit hours awarded for the class, yielding a per-credit-hour cost for the individual student.

5 | UNF Model

Figure 5: Calculating the Total Cost for Each Student Per SCH

Credit Hours	Enrolled	Total Credit Hours Generated	Current New Retail Price	Individual Total for the Class	Total Per SCH
3	12	36	\$53.50	\$370.25	\$123.42
			\$135.00		
			\$181.75		

- The third calculation is to determine how much money would have been spent on the total class for each credit hour. This is calculated by multiplying the individual cost per SCH by the total number of credit hours generated, as shown in Figure 6.

Figure 6: Calculating the Total per Credit Hour Expenditure

Credit Hours	Enrolled	Total Credit Hours Generated	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total For the Class
3	12	36	\$53.50	\$370.25	\$123.42	\$4,443.00
			\$135.00			
			\$181.75			
3	18	54	\$53.50	\$370.25	\$123.42	\$6,664.50
			\$135.00			
			\$181.75			

How do we calculate the final answer?

In coming to the final answer, we add the number of SCHs earned in these classes, in the spring term, and we total the number of dollars that would have been spent on generating these credit hours, if each of our students bought the required materials at our bookstores at the least expensive price available.

- In this truncated example¹, the students would have generated 111,004 credit hours at a cost of \$6,969,186. This means the average cost was \$62.78 per SCH.

We have to remember that, that a significant percentage of our courses do not require any text book – e.g., internships, practicums, classes where faculty are utilizing open source materials. So these courses must be counted in the calculation. Instead of using the 111,004 SCHs, we need to divide the \$6,969,186 by the total SCHs generated in this term.

- For the purpose of this exercise, we will assume the total credit hours generated was 135,900 SCHs.
- In this truncated example¹, the students would have generated 111,004 credit hours at a cost of \$6,969,186. This means the average cost was \$62.78 per SCH.

When we do the math using this number, we find that the average student spends \$51.28 per credit hour.

If the full-time student is supposed to take 15 credit hours, she/he will spend \$769.20 per term on books or \$1,538.40 per year.



¹A portion of the courses offered in spring 2017 were not included in this analysis because I was preparing the spreadsheet from a rehabilitation center after extensive back surgery and some of the data was corrupted on the personal computer I was using. All of the data included is actual data, but there are some strings of data missing.

Dept	Course	CRN	Credit Hours	Enrolled	Total SCH generated	Usage	ISBN	Author	Title	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total for the Class
ACG	2021	10308	3	12	36	Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50	\$370.25	\$123.42	\$4,443.00
ACG	2021	10308				Choice Required	9781305662360	Warren	Corporate Financial Accounting (ML CNOW PAC)	\$135.00			
ACG	2021	10308				Required	9781305776128	Warren	CME CRP FNNCL ACCNTNG (LLF)(PKG)	\$181.75			
ACG	2021	10309	3	18	54	Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50	\$370.25	\$123.42	\$6,664.50
ACG	2021	10309				Choice Required	9781305662360	Warren	Corporate Financial Accounting (ML CNOW PAC)	\$135.00			
ACG	2021	10309				Required	9781305776128	Warren	CME CRP FNNCL ACCNTNG (LLF)(PKG)	\$181.75			
ACG	2021	10310	3	26	78	Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50	\$370.25	\$123.42	\$9,626.50
ACG	2021	10310				Choice Required	9781305662360	Warren	Corporate Financial Accounting (ML CNOW PAC)	\$135.00			
ACG	2021	10310				Required	9781305776128	Warren	CME CRP FNNCL ACCNTNG (LLF)(PKG)	\$181.75			
ACG	2021	10311	3	43	129	Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50	\$370.25	\$123.42	\$15,920.75
ACG	2021	10311				Required	9781305776128	Warren	CME CRP FNNCL ACCNTNG (LLF)(PKG)	\$181.75			
ACG	2021	10311				Choice Required	9781305662360	Warren	Corporate Financial Accounting (ML CNOW PAC)	\$135.00			
ACG	2021	10312	3	42	126	Choice	9781305267879	Warren	Corporate Financial Accounting (CengageNOWv2 1t 6	\$135.00	\$135.00	\$45.00	\$5,670.00
ACG	2021	10313	3	40	120	Choice	9781305267879	Warren	Corporate Financial Accounting (CengageNOWv2 1t 6	\$135.00	\$135.00	\$45.00	\$5,400.00
ACG	2071	10314	3	43	129	Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50	\$53.50	\$17.83	\$2,300.50
ACG	2071	10315	3	43	129	Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50	\$53.50	\$17.83	\$2,300.50
ACG	2071	10316	3	59	177	Choice	9781118568613	Jiambalvo	Managerial Accounting WileyPlus Blackboard Card	\$144.75	\$144.75	\$48.25	\$8,540.25
ACG	2071	10317	3	27	81	Choice	9781118568613	Jiambalvo	Managerial Accounting WileyPlus Blackboard Card	\$144.75	\$144.75	\$48.25	\$3,908.25
ACG	2071	10318	3	32	96	Choice	9781118568613	Jiambalvo	Managerial Accounting WileyPlus Blackboard Card	\$144.75	\$144.75	\$48.25	\$4,632.00
ACG	3103	10319	3	54	162	Required	9781259911613	Unf	Intermediate Accounting LL w/ AC Custom Pkg	\$284.75	\$284.75	\$94.92	\$15,376.50
ACG	3113	10320	3	38	114	Choice	9781259807237	Spiceland	LSC UNIV N FLORIDA ACG 3103: Access Code	\$186.75	\$240.25	\$80.08	\$9,129.50
ACG	3113	10320				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
ACG	3113	10321	3	39	117	Choice	9781259807237	Spiceland	LSC UNIV N FLORIDA ACG 3103: Access Code	\$186.75	\$525.00	\$175.00	\$20,475.00
ACG	3113	10321				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
ACG	3113	10321				Choice	9781259911613	Unf	Intermediate Accounting LL w/ AC Custom Pkg	\$284.75			
ACG	4361	10322	3	40	120	Required	9780133428704	Horngren	Cost Accounting (w/out Access Code)	\$325.00	\$378.50	\$126.17	\$15,140.00
ACG	4361	10322				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
ACG	4361	10323	3	41	123	Required	9780133428704	Horngren	Cost Accounting (w/out Access Code)	\$325.00	\$378.50	\$126.17	\$15,518.50
ACG	4361	10323				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
ACG	4401	10324	3	24	72	Required		Romney	Accounting Information Systems	\$131.99	\$456.99	\$152.33	\$10,967.76
ACG	4401	10324				Required	9780133428537	Romney	Accounting Information Systems	\$325.00			
ACG	4401	10325	3	22	66	Required		Romney	Accounting Information Systems	\$131.99	\$456.99	\$152.33	\$10,053.78
ACG	4401	10325				Required	9780133428537	Romney	Accounting Information Systems	\$325.00			
ACG	4651	10326	3	46	138	Required	9781285687520	Johnstone	Auditing: A Risk-Based Approach to Conducting a Qua	\$75.49	\$453.49	\$151.16	\$20,860.54
ACG	4651	10326				Required	9781133939153	Johnstone	Auditing (w/ACL CD)	\$378.00			

Dept	Course	CRN	Credit Hours	Enrolled	Total SCH generated	Usage	ISBN	Author	Title	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total for the Class
ACG	2021	10612	3	40	120	Choice	9781305267879	Warren	Corporate Financial Accounting (CengageNOWv2 1t 6	\$135.00	\$135.00	\$45.00	\$5,400.00
ACG	2021	10975	3	55	165	Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50	\$188.50	\$62.83	\$10,367.50
ACG	2021	10975				Choice	9781305267879	Warren	Corporate Financial Accounting (CengageNOWv2 1t 6	\$135.00			
ACG	2071	11046	3	12	36	Choice	9781118570180	Jiambalvo	Managerial Accounting (Loose)(w/Wileyplus)	\$226.75	\$226.75	\$75.58	\$2,721.00
ACG	4863	11070	3	53	159	Required	9780977913138	Feldman	Tell Me How You Love the Picture	\$14.95	\$62.85	\$20.95	\$3,331.05
ACG	4863	11070				Required	9781615932214	Ryan	Film & Video Budgets	\$29.95			
ACG	4863	11070				Required	9781612190501	Epstein	Hollywood Economist (Release 2.0)	\$17.95			
ACG	2021	11092	3	48	144	Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50	\$188.50	\$62.83	\$9,048.00
ACG	2021	11092				Choice	9781305267879	Warren	Corporate Financial Accounting (CengageNOWv2 1t 6	\$135.00			
ACG	3103	11331	3	52	156	Required	9781259911613	Unf	Intermediate Accounting LL w/ AC Custom Pkg	\$284.75	\$284.75	\$94.92	\$14,807.00
ACG	2021	11462	3	40	120	Choice	9781305267879	Warren	Corporate Financial Accounting (CengageNOWv2 1t 6	\$135.00	\$135.00	\$45.00	\$5,400.00
ACG	2071	11946	3	48	144	Required	9780078025631	Garrison	Managerial Accounting (w/out Access Code)	\$354.75	\$576.42	\$192.14	\$27,668.16
ACG	2071	11946				Required	9780077522957	Garrison	Managerial Accounting	\$221.67			
ACG	2071	12996	3	48	144	Required	9780078025631	Garrison	Managerial Accounting (w/out Access Code)	\$354.75	\$354.75	\$118.25	\$17,028.00
ACG	4381	12998	3	12	36	Choice Required	9780133451474	Horngren	NEW MyAccountingLab with Pearson EText (SA Access	\$138.00	\$372.50	\$124.17	\$4,470.00
ACG	4381	12998				Choice	9780133781106	Horngren	Cost Accounting (Loose Pgs)(w/MyAccountingLab Acc	\$234.50			
ACG	3123	13013	3	40	120	Choice	9781259546235	Spiceland	Intermediate Accounting (w/2013 Annual Report)	\$364.75	\$420.50	\$140.17	\$16,820.00
ACG	3123	13013				Choice	9781308780887	Spiceland	INTERMEDIATE ACCOUNTING Custom Edition	\$55.75			
ACG	3123	13017	3	30	90	Choice	9781308780887	Spiceland	INTERMEDIATE ACCOUNTING Custom Edition	\$55.75	\$420.50	\$140.17	\$12,615.00
ACG	3123	13017				Choice	9781259546235	Spiceland	Intermediate Accounting (w/2013 Annual Report)	\$364.75			
ACG	2021	13029	3	13	39	Choice	9781259300196	Edmonds	Fund Financial Accounting Concepts (Connect Access)	\$175.50	\$175.50	\$58.50	\$2,281.50
ADV	3101	10123	3	19	57	Required	9781285415475	Drewniany	Creative Strategy in Advertising	\$37.49	\$225.99	\$75.33	\$4,293.81
ADV	3101	10123				Required	9781133307266	Drewniany	Creative Strategy in Advertising	\$188.50			
ADV	4800	10124	3	16	48	Required	9781887229418	Avery	Advertising Campaign Planning	\$34.00	\$127.75	\$42.58	\$2,044.00
ADV	4800	10124				Required	9780324321470	Sayre	Campaign Planner for Integrated Brand Comm	\$93.75			
ADV	3300	11087	3	15	45	Required	9780615988283	Martin	Media Flight Plan (w/Bind-In Access Code)	\$64.00	\$64.00	\$21.33	\$960.00
ADV	3203	11101	3	18	54	Required	9780134664095	Anton	Adobe Indesign CC Classroom in a Book (2017 Release	\$59.99	\$119.98	\$39.99	\$2,159.64
ADV	3203	11101				Required	9780134663456	Faulkner	Adobe Photoshop CC Classroom in a Book (2017 Release	\$59.99			
ADV	3008	11307	3	45	135	Required	9781285187815	O'Guinn	Advertising & Integrated Brand Promotion (w/Access	\$249.75	\$312.74	\$104.25	\$14,073.30
ADV	3008	11307				Required	9781305177215	O'Guinn	Advertising and Integrated Brand Promotion	\$62.99			
ADV	3203	11309	3	16	48	Required	9780134664095	Anton	Adobe Indesign CC Classroom in a Book (2017 Release	\$59.99	\$119.98	\$39.99	\$1,919.68
ADV	3203	11309				Required	9780134663456	Faulkner	Adobe Photoshop CC Classroom in a Book (2017 Release	\$59.99			
ADV	3203	11310	3	18	54	Required	9780134664095	Anton	Adobe Indesign CC Classroom in a Book (2017 Release	\$59.99	\$119.98	\$39.99	\$2,159.64

Board of Governors Committee Meetings - Budget and Finance Committee

Dept	Course	CRN	Credit Hours	Enrolled	Total SCH generated	Usage	ISBN	Author	Title	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total for the Class
ADV	3203	11310				Required	9780134663456	Faulkner	Adobe Photoshop CC Classroom in a Book (2017 Release)	\$59.99			
ADV	3203	11446	3	14	42	Required	9780134664095	Anton	Adobe Indesign CC Classroom in a Book (2017 Release)	\$59.99	\$119.98	\$39.99	\$1,679.72
ADV	3203	11446				Required	9780134663456	Faulkner	Adobe Photoshop CC Classroom in a Book (2017 Release)	\$59.99			
ADV	3203	11738	3	17	51	Required	9780134664095	Anton	Adobe Indesign CC Classroom in a Book (2017 Release)	\$59.99	\$119.98	\$39.99	\$2,039.66
ADV	3203	11738				Required	9780134663456	Faulkner	Adobe Photoshop CC Classroom in a Book (2017 Release)	\$59.99			
ADV	3812	11850	3	20	60	Required	9780133866339	Clow	Integrated Advertising, Promotion, & Marketing etc	\$242.75	\$303.74	\$101.25	\$6,074.80
ADV	3812	11850				Required	9780133866711	Clow	Integrated Advertising, Promotion, and Marketing Co	\$60.99			
ADV	3812	12434	3	20	60	Required	9780133973112	Clow	Integrated Advertising, Promotion etc (w/MML Acces	\$251.50	\$365.50	\$121.83	\$7,310.00
ADV	3812	12434				Choice Required	9780133866971	Clow	Integrated Advertising, Promo & Mktg (MyMarketing	\$114.00			
ADV	3203	12476	3	18	54	Required	9780134664095	Anton	Adobe Indesign CC Classroom in a Book (2017 Release)	\$59.99	\$119.98	\$39.99	\$2,159.64
ADV	3203	12476				Required	9780134663456	Faulkner	Adobe Photoshop CC Classroom in a Book (2017 Release)	\$59.99			
ADV	3101	12528	3	10	30	Required	9781506315409	Altstiel	Advertising Creative: Strategy, Copy, and Design	\$78.00	\$175.00	\$58.33	\$1,750.00
ADV	3101	12528				Required	9781506315386	Altstiel	Advertising Creative Strategy, Copy, Design	\$97.00			
ADV	3500	12669	3	11	33	Required	9780134143316	Burns	Marketing Research	\$56.99	\$335.99	\$112.00	\$3,695.89
ADV	3500	12669				Required	9780134167404	Burns	Marketing Research	\$279.00			
AFH	3990	12114	3	32	96	Required	9781457609770	Ali	Islam in the Indian Ocean World	\$22.00	\$102.59	\$34.20	\$3,282.88
AFH	3990	12114				Required	9781319049478	Ali	Islam in the Indian Ocean World	\$13.59			
AFH	3990	12114				Required	9781624664946	Conde	Sunjata	\$14.00			
AFH	3990	12114				Required	9780813928807	Ehret	Civilizations of Africa	\$35.00			
AFH	3990	12114				Required	9780674032057	Sparks	Two Princes of Calabar	\$18.00			
AMH	2020	11365	3	46	138	Required	9780393920345	Foner	Give Me Liberty: Brief	\$76.00	\$156.75	\$52.25	\$7,210.50
AMH	2020	11365				Required	9780393522273	Foner	Give Me Liberty!: An American History (Brief Fourth E	\$50.00			
AMH	2020	11365				Required	9780393922929	Foner	Voices of Freedom	\$30.75			
AMH	4491	11368	3	19	57	Required	9780307463982	Carroll	Here Is Where	\$15.00	\$69.85	\$23.28	\$1,327.15
AMH	4491	11368				Required	9780803254046	Grove	A Grizzly in the Mail and Other Adventures in America	\$18.95			
AMH	4491	11368				Required	9780803249721	Grove	Grizzly in the Mail & Other Adventures in American H	\$18.95			
AMH	4491	11368				Required	9780679758334	Horwitz	Confederates in the Attic	\$16.95			
AMH	3403	11643	3	13	39	Required	9780199763634	Link	Southern Crucible	\$32.95	\$68.89	\$22.96	\$895.57
AMH	3403	11643				Required	9780440314882	Moody	Coming of Age in Mississippi	\$7.99			
AMH	3403	11643				Required	9781469629865	Roberts	Pageants, Parlors, & Pretty Women	\$27.95			
AMH	3220	12113	3	26	78	Required	9781319049959	Argersinger	The Triangle Fire	\$13.59	\$127.24	\$42.41	\$3,308.24
AMH	3220	12113				Required	9781319048853	Argersinger	Triangle Fire: Brief History with Documents	\$22.75			
AMH	3220	12113				Required	9780882959535	Desantis	Shaping of Modern America: 1877-1920	\$25.95			
AMH	3220	12113				Required	9780674061859	Feimster	Southern Horrors	\$22.00			
AMH	3220	12113				Required	9781444331394	Link	Gilded Age & Progressive Era	\$42.95			
AMH	2020	12781	3	44	132	Required	9781259283710	Brinkley	Unfinished Nation (Connect 1-t Access Card)	\$100.00	\$131.90	\$43.97	\$5,803.60
AMH	2020	12781				Required	9780679735250	Herr	Dispatches (Trade Ed)	\$15.95			
AMH	2020	12781				Required	9780199998302	Welky	Marching Across the Color Line	\$15.95			
AMH	3932	12784	3	16	48	Required	9780306824517	Fleming	Great Divide	\$17.50	\$72.45	\$24.15	\$1,159.20

Dept	Course	CRN	Credit Hours	Enrolled	Total SCH generated	Usage	ISBN	Author	Title	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total for the Class
AMH	3932	12784				Required	9780809330355	Green	Lincoln & the Election of 1860	\$19.95			
AMH	3932	12784				Required	9780801451508	Mieczkowski	Eisenhower's Sputnik Moment	\$35.00			
AMH	4390	12790	3	16	48	Required	9780674002111	Berlin	Many Thousands Gone	\$29.50	\$267.39	\$89.13	
AMH	4390	12790				Required	9780807853788	Fett	Working Cures...Southern Slave Plantation	\$35.00			
AMH	4390	12790				Required	9780226317731	Harris	In the Shadow of Slavery	\$30.00			
AMH	4390	12790				Required	9780674005396	Johnson	Soul By Soul	\$27.00			
AMH	4390	12790				Required	9781469621876	Krauthamer	Black Slaves, Indian Masters	\$24.95			
AMH	4390	12790				Required	9780812206371	Morgan	Laboring Women	\$26.50			
AMH	4390	12790				Required	9780812218732	Morgan	Laboring Women	\$26.50			
AMH	4390	12790				Required	9780674030688	Smallwood	Saltwater Slavery	\$23.00			
AMH	4390	12790				Required	9780807882658	Williams	Help Me to Find My People: The African American Sea	\$19.99			
AMH	4390	12790				Required	9781469628363	Williams	Help Me to Find My People	\$24.95			
AMH	3932	12792	3	14	42	Required	9780143116790	Mann	Rebellion of Ronald Reagan	\$18.00	\$74.93	\$24.98	\$1,049.02
AMH	3932	12792				Required	9781551642741	Mount	895 Days That Changed the World	\$24.99			
AMH	3932	12792				Required	9780895260604	Patterson	Dereliction of Duty	\$19.99			
AMH	3932	12792				Required	9780809001682	Smith	Morality, Reason & Power	\$11.95			
AMH	3420	12793	3	55	165	Required	9780813044644	Gannon	History of Florida	\$34.95	\$79.85	\$26.62	\$4,391.75
AMH	3420	12793				Required	9780817307837	OESTERREICHER	PIONEER FAMILY: LIFE ON FLORIDA'S 20TH-CENTURY	\$24.95			
AMH	3420	12793				Required	9780813061856	Sitiki	Odyssey of an African Slave	\$19.95		\$0.00	
AML	2020	11618	3	22	66	Required	9781598530209	McKibben	American Earth	\$40.00	\$40.00	\$13.33	\$880.00
AML	3102	12678	3	25	75	Required	9780814708019	Burgett	Keywords for American Cultural Studies	\$27.00	\$27.00	\$9.00	\$675.00
AML	3621	12679	3	27	81	Required	9780940450844	Hurston	Folklore, Memoirs & Other Writings	\$40.00	\$93.99	\$31.33	\$2,537.73
AML	3621	12679				Required	9780940450837	Hurston	Novels & Stories	\$40.00			
AML	3621	12679				Required	9780061651120	Hurston	Mule Bone (Perennial Classics Ed)	\$13.99			
AML	4242	12680	3	15	45	Required	9780802121998	Alexie	Lone Ranger & Tonto Fistfight in Heaven	\$16.00	\$134.74	\$44.91	\$2,021.10
AML	4242	12680				Required	9781879960855	Anzaldua	Borderlands/La Frontera: The New Mestiza	\$22.95			
AML	4242	12680				Required	9780393326932	Castillo	So Far From God	\$15.95			
AML	4242	12680				Required	9780393347937	Castillo	So Far from God: A Novel	\$14.95			
AML	4242	12680				Required	9780826304360	Momaday	Way to Rainy Mountain	\$16.95			
AML	4242	12680				Required	9780826326966	Momaday	The Way to Rainy Mountain	\$9.99			
AML	4242	12680				Required	9780143121282	Silko	Storyteller	\$22.00			
AML	4242	12680				Required	9781558850484	Valdez	Zoot Suit & Other Plays	\$15.95			
ANT	2000	10286	3	81	243	Required	9780077499983	Park	Introducing Anthropology: An Integrated Approach	\$120.00	\$312.00	\$104.00	\$25,272.00
ANT	2000	10286				Required	9780078035067	Park	Introducing Anthropology	\$192.00			
ANT	3312	10288	3	35	105	Required	9780195367409	Oswalt	This Land Was Theirs	\$99.95	\$99.95	\$33.32	\$3,498.25
ANT	4034	10598	3	15	45	Required	9781442257023	McGee	Anthropological Theory	\$95.00	\$95.00	\$31.67	\$1,425.00
ANT	3610	10663	3	30	90	Required	9780631228721	Smith	Language, Bananas & Bonobos	\$47.95	\$47.95	\$15.98	\$1,438.50
ANT	4083	10664	3	28	84	Required	9781405189507	Vanpool	Quantitative Analysis in Archaeology	\$60.95	\$60.95	\$20.32	\$1,706.60
ANT	3514	10818	3	24	72	Required	9781259137723	Park	Biological Anthropology	\$151.04	\$392.79	\$130.93	\$9,426.96
ANT	3514	10818				Required	9780078034954	Park	Biological Anthropology	\$241.75			

Dept	Course	CRN	Credit Hours	Enrolled	Total SCH generated	Usage	ISBN	Author	Title	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total for the Class
ANT	3933	10819	3	14	42	Required	9780078117046	Podolefsky	Applying Anthropology	\$113.75	\$113.75	\$37.92	\$1,592.50
ANT	3212	10841	3	35	105	Required	9780077861544	Kottak	Anthropology	\$248.75	\$404.17	\$134.72	\$14,145.95
ANT	3212	10841				Required	9780077780098	Kottak	Anthropology: Appreciating Human Diversity	\$155.42			
ANT	3212	10859	3	35	105	Required	9780205512669	Heider	Seeing Anthropology (w/DVD)	\$183.75	\$183.75	\$61.25	\$6,431.25
ANT	3212	10911	3	35	105	Required	9780077861544	Kottak	Anthropology	\$248.75	\$404.17	\$134.72	\$14,145.95
ANT	3212	10911				Required	9780077780098	Kottak	Anthropology: Appreciating Human Diversity	\$155.42			
ANT	3212	11089	3	32	96	Required	9780077780098	Kottak	Anthropology: Appreciating Human Diversity	\$155.42	\$404.17	\$134.72	\$12,933.44
ANT	3212	11089				Required	9780077861544	Kottak	Anthropology	\$248.75			
ANT	3101	11177	3	35	105	Required	9780500772522	Renfrew	Archaeology Essentials: Theories, Methods, and Pract	\$24.33	\$100.33	\$33.44	\$3,511.55
ANT	3101	11177				Required	9780500291597	Renfrew	Archaeology Essentials	\$76.00			
ANT	3212	11394	3	68	204	Required	9780078117039	Podolefsky	Applying Cultural Anthropology	\$113.75	\$113.75	\$37.92	\$7,735.00
ANT	3312	11450	3	39	117	Required	9780195367409	Oswalt	This Land Was Theirs	\$99.95	\$99.95	\$33.32	\$3,898.05
ANT	3311	11636	3	39	117	Required	9780807121726	Axtell	Indians' New South	\$19.95	\$19.95	\$6.65	\$778.05
ANT	4931	11909	3	16	48	Required	9780073405384	Brown	Understanding & Applying Medical Anthropology	\$184.75	\$184.75	\$61.58	\$2,956.00
ANT	3243	11915	3	18	54	Required	9780764555039	Clark	Islam for Dummies	\$21.99	\$37.99	\$12.66	\$683.82
ANT	3243	11915				Required	9780385523943	Hazleton	After the Prophet	\$16.00			
ANT	2000	11921	1	60	60	Required	9781598465570	Coast Learning	Anthropology: The Four Fields (CUSTOM)	\$20.00	\$20.00	\$20.00	\$1,200.00
ANT	3212	12436	1	35	35	Required	9780205512669	Heider	Seeing Anthropology (w/DVD)	\$183.75	\$183.75	\$183.75	\$6,431.25
ANT	4931	12898	3	16	48	Required	9789768125927	Allsopp	Language, Culture & Caribbean Identity	\$40.00	\$40.00	\$13.33	\$640.00
APK	4120C	10741	3	36	108	Required	9780912912066	Dubin	Rapid Interpretation of EKG's	\$48.00	\$206.00	\$68.67	\$7,416.00
APK	4120C	10741				Required	9781492504399	Ehrman	Clinical Exercise Physiology	\$56.00			
APK	4120C	10741				Required	9781450412803	Ehrman	Clinical Exercise Physiology	\$102.00			
APK	4120C	11495	3	36	108	Required	9780912912066	Dubin	Rapid Interpretation of EKG's	\$48.00	\$206.00	\$68.67	\$7,416.00
APK	4120C	11495				Required	9781450412803	Ehrman	Clinical Exercise Physiology	\$102.00			
APK	4120C	11495				Required	9781492504399	Ehrman	Clinical Exercise Physiology	\$56.00			
APK	4125	12840	3	29	87	Required	9781450466004	Heyward	Advanced Fitness Assessm & Exerc Prescrip (w/Access	\$105.00	\$105.00	\$35.00	\$3,045.00
APK	4125	12841	3	32	96	Required	9781450466004	Heyward	Advanced Fitness Assessm & Exerc Prescrip (w/Access	\$105.00	\$105.00	\$35.00	\$3,360.00
ARH	2000	10015	3	135	405	Required	9780500840535	DeWitte	Gateways to Art: Understanding the Visual Arts (Seco	\$75.00	\$217.75		
ARH	2000	10015				Required	9780500292037	Dewitte	Gateways to Art (w/IQ & Printed Access Code)	\$142.75			
ARH	2050	10016	3	45	135	Required	9781305890381	Kleiner	Gardner's Art through the Ages:The Western Perspec	\$75.49	\$267.24	\$89.08	\$12,025.80
ARH	2050	10016				Required	9781305633940	Kleiner	Gardner's Art Through the Ages Western V1	\$191.75			

Dept	Course	CRN	Credit Hours	Enrolled	Total SCH generated	Usage	ISBN	Author	Title	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total for the Class
ARH	2051	10017	3	32	96	Required	9781305854710	Kleiner	Gardner's Art through the Ages: The Western Perspec	\$66.49	\$258.24	\$86.08	\$8,263.68
ARH	2051	10017				Required	9781305645059	Kleiner	Gardner's Art Through the Ages Western V2	\$191.75			
ARH	2051	10018	3	47	141	Required	9781305645059	Kleiner	Gardner's Art Through the Ages Western V2	\$191.75	\$258.24	\$86.08	\$12,137.28
ARH	2051	10018				Required	9781305854710	Kleiner	Gardner's Art through the Ages: The Western Perspec	\$66.49			
ARH	4724	11056	3	35	105	Required	9781118772058	Meggs	History of Graphic Design (w/Bind-in Access Code)	\$95.00	\$190.00	\$63.33	\$6,650.00
ARH	4724	11056	3	35	105	Required	9781119136200	Meggs	Meggs' History of Graphic Design	\$95.00			
ARH	2000	11652	3	60	180	Required	9780500840535	DeWitte	Gateways to Art: Understanding the Visual Arts (Seco	\$75.00	\$217.75	\$72.58	\$13,065.00
ARH	2000	11652				Required	9780500292037	Dewitte	Gateways to Art (w/IQ & Printed Access Code)	\$142.75			
ARH	4710	11654	3	35	105	Required	9780073379210	Hirsch	Seizing the Light: History of Photography	\$220.50	\$220.50	\$73.50	\$7,717.50
ARH	3930	12064	3	32	96	Required	9780136128724	Visona	History of Art in Africa	\$213.25	\$213.25	\$71.08	\$6,824.00
ARH	3250	12653	3	36	108	Required	9783848008407	Toman	Romanesque	\$29.99	\$29.99	\$10.00	\$1,079.64
ARH	3350	12654	3	32	96	Required	9780205832262	Neuman	Baroque & Rococo Art & Architecture	\$149.00	\$181.99		
ARH	3350	12654				Required	9780205974924	Neuman	Baroque and Rococo Art and Architecture	\$32.99			
ARH	3631	12655	3	20	60	Required	9780199995394	Farrington	African-American Art	\$69.95	\$69.95	\$23.32	\$1,399.00
ARH	3930	12656	3	11	33	Required	9780500204047	Goldberg	Performance Art	\$21.95	\$21.95	\$7.32	\$241.45
ARH	2000	13206	3	60	180	Required	9780500292037	Dewitte	Gateways to Art (w/IQ & Printed Access Code)	\$142.75	\$217.75	\$72.58	\$13,065.00
ARH	2000	13206				Required	9780500840535	DeWitte	Gateways to Art: Understanding the Visual Arts (Seco	\$75.00			
ART	4768C	10604	3	12	36	Required	9780072519518	Speight	Hands in Clay	\$146.75	\$146.75	\$48.92	\$1,761.00
ART	2605C	10622	3	11	33	Required	9780134310008	Anton	Adobe InDesign CC Classroom in a Book (2015 release	\$59.99	\$179.97	\$59.99	\$1,979.67
ART	2605C	10622				Required	9780134663456	Faulkner	Adobe Photoshop CC Classroom in a Book (2017 Relea	\$59.99			
ART	2605C	10622				Required	9780134308111	Wood	Adobe Illustrator CC (2015 Rel) Classrm (w/Access)	\$59.99			
ART	2605C	10856	3	9	27	Required	9780134310008	Anton	Adobe InDesign CC Classroom in a Book (2015 release	\$59.99	\$179.97	\$59.99	\$1,619.73
ART	2605C	10856				Required	9780134663456	Faulkner	Adobe Photoshop CC Classroom in a Book (2017 Relea	\$59.99			
ART	2605C	10856				Required	9780134308111	Wood	Adobe Illustrator CC (2015 Rel) Classrm (w/Access)	\$59.99			
ART	3930	12069	3	15	45	Required	9780992267421	McCagh	Surfboard Book	\$53.50	\$53.50	\$17.83	\$802.50
ASH	3440	12117	3	60	180	Required	9780321078025	Hopper	Fukuzawa Yukichi: From Samurai to Capitalist	\$32.25	\$154.09	\$51.36	\$9,245.40
ASH	3440	12117				Required	9780804722582	McCullough	Genji & Heike	\$36.95			
ASH	3440	12117				Required	9780867196023	Nakazawa	Barefoot Gen...Story of Hiroshima	\$14.95			
ASH	3440	12117				Required	9780375724749	Tanizaki	Naomi	\$16.00			
ASH	3440	12117				Required	9781590309858	Tsunetomo	Hagakure	\$22.95			
ASH	3440	12117				Required	9780521178723	Walker	Concise History of Japan	\$30.99			
ASH	4934	12779	3	14	42	Required	9780231114110	Gernet	Buddhism in Chinese Society	\$32.00	\$154.94	\$51.65	\$2,169.16
ASH	4934	12779				Required	9780190218423	Hansen	Silk Road	\$21.95			
ASH	4934	12779				Required	9780674064010	Lewis	China's Cosmopolitan Empire	\$21.00			
ASH	4934	12779				Required	9780231169387	Rothschild	Emperor Wu Zhao & Her Pantheon of Devis, Divinities	\$40.00			
ASH	4934	12779				Required	9780231539180	Rothschild	Emperor Wu Zhao and Her Pantheon of Devis, Divinit	\$39.99			

Dept	Course	CRN	Credit Hours	Enrolled	Total SCH generated	Usage	ISBN	Author	Title	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total for the Class
ASL	2140	10628	4	19	76	Required	9780970587602	Moore	For Hearing People Only (V1/V2)	\$72.00	\$156.95	\$39.24	\$2,982.05
ASL	2140	10628				Required	9781581212105	Smith	Signing Naturally (St Wkbk)(Units 1-6)(w/2 DVDs)	\$84.95			
ASL	2140	10629	4	20	80	Required	9780970587602	Moore	For Hearing People Only (V1/V2)	\$72.00	\$156.95	\$39.24	\$3,139.00
ASL	2140	10629				Required	9781581212105	Smith	Signing Naturally (St Wkbk)(Units 1-6)(w/2 DVDs)	\$84.95			
ASL	2140	10630	4	15	60	Required	9780970587602	Moore	For Hearing People Only (V1/V2)	\$72.00	\$156.95	\$39.24	\$2,354.25
ASL	2140	10630				Required	9781581212105	Smith	Signing Naturally (St Wkbk)(Units 1-6)(w/2 DVDs)	\$84.95			
ASL	2150	10631	4	16	64	Required	9781581212211	Lentz	Signing Naturally: Student Wkbk (w/2 DVD)(Lesson 7-	\$84.95	\$156.95	\$39.24	\$2,511.20
ASL	2150	10631				Required	9780970587602	Moore	For Hearing People Only (V1/V2)	\$72.00			
ASL	2150	10632	4	19	76	Required	9781581212211	Lentz	Signing Naturally: Student Wkbk (w/2 DVD)(Lesson 7-	\$84.95	\$156.95	\$39.24	\$2,982.05
ASL	2150	10632				Required	9780970587602	Moore	For Hearing People Only (V1/V2)	\$72.00			
ASL	2150	10633	4	12	48	Required	9781581212211	Lentz	Signing Naturally: Student Wkbk (w/2 DVD)(Lesson 7-	\$84.95	\$156.95	\$39.24	\$1,883.40
ASL	2150	10633				Required	9780970587602	Moore	For Hearing People Only (V1/V2)	\$72.00			
ASL	4131	10635	3	16	48	Required	9781581211313	Lentz	Signing Naturally (St Wkbk)(w/DVD)	\$69.95	\$141.95	\$47.32	\$2,271.20
ASL	4131	10635				Required	9780970587602	Moore	For Hearing People Only (V1/V2)	\$72.00			
ASL	4211	10636	3	20	60	Required	9781581211351	Mikos	Signing Naturally St Wkbk (w/DVD)	\$84.95	\$156.95	\$52.32	\$3,139.00
ASL	4211	10636				Required	9780970587602	Moore	For Hearing People Only (V1/V2)	\$72.00			
ASL	2140	10693	4	20	80	Required	9780970587602	Moore	For Hearing People Only (V1/V2)	\$72.00	\$156.95	\$39.24	\$3,139.00
ASL	2140	10693				Required	9781581212105	Smith	Signing Naturally (St Wkbk)(Units 1-6)(w/2 DVDs)	\$84.95			
ASL	2150	11086	4	18	72	Required	9781581212211	Lentz	Signing Naturally: Student Wkbk (w/2 DVD)(Lesson 7-	\$84.95	\$156.95	\$39.24	\$2,825.10
ASL	2150	11086				Required	9780970587602	Moore	For Hearing People Only (V1/V2)	\$72.00			
ASL	3435	11301	3	19	57	Required	9780916883447	Mendoza	ABC 1-2-3 Fingerspelling etc (Student Wkbk)(w/DVD)	\$55.95	\$55.95	\$18.65	\$1,063.05
ASL	4211	11730	3	20	60	Required	9781581211351	Mikos	Signing Naturally St Wkbk (w/DVD)	\$84.95	\$156.95	\$52.32	\$3,139.00
ASL	4211	11730				Required	9780970587602	Moore	For Hearing People Only (V1/V2)	\$72.00			
ASL	2140	11837	4	19	76	Required	9780970587602	Moore	For Hearing People Only (V1/V2)	\$72.00	\$156.95	\$39.24	\$2,982.05
ASL	2140	11837				Required	9781581212105	Smith	Signing Naturally (St Wkbk)(Units 1-6)(w/2 DVDs)	\$84.95			
ASL	4131	11838	3	20	60	Required	9781581211313	Lentz	Signing Naturally (St Wkbk)(w/DVD)	\$69.95	\$141.95	\$47.32	\$2,839.00
ASL	4131	11838				Required	9780970587602	Moore	For Hearing People Only (V1/V2)	\$72.00			
ASL	3514	12600	3	23	69	Required	9781597567916	Leigh	Deaf Culture	\$69.95	\$69.95	\$23.32	\$1,608.85
ASL	4205	12873	3	10	30	Required	9780989136402	Struxness	ASL - English Grammar	\$39.95	\$39.95	\$13.32	\$399.50
AST	2002	10088	3	147	441	Choice Required	9780321929358	Bennett	Essen Cosmic Persp (Mstrg with EText-Standalone Acc	\$115.25	\$123.00	\$41.00	\$18,081.00
AST	2002	10088				Required	9780961320751	Chandler	Night Sky (Planisphere)	\$7.75			
AST	2002L	10089	1	23	23	Required	9780961320751	Chandler	Night Sky (Planisphere)	\$7.75	\$16.75	\$16.75	\$385.25
AST	2002L	10089				Required		Unf	AST 2002L Lab Manual (Custom Coursepack)	\$9.00			
AST	2002L	10090	1	24	24	Required	9780961320751	Chandler	Night Sky (Planisphere)	\$7.75	\$16.75	\$16.75	\$402.00
AST	2002L	10090				Required		Unf	AST 2002L Lab Manual (Custom Coursepack)	\$9.00			

Dept	Course	CRN	Credit Hours	Enrolled	Total SCH generated	Usage	ISBN	Author	Title	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total for the Class
AST	2002L	10091	1	22	22	Required	9780961320751	Chandler	Night Sky (Planisphere)	\$7.75	\$16.75	\$16.75	\$368.50
AST	2002L	10091				Required		Unf	AST 2002L Lab Manual (Custom Coursepack)	\$9.00			
AST	2002L	12534	1	22	22	Required	9780961320751	Chandler	Night Sky (Planisphere)	\$7.75	\$16.75	\$16.75	\$368.50
AST	2002L	12534				Required		Unf	AST 2002L Lab Manual (Custom Coursepack)	\$9.00			
ATR	3822	12259	3	28	84	Required		Unf	Clinical Course Packet II (UNF)	\$8.75	\$8.75	\$2.92	\$245.00
ATR	3822	12260	3	30	90	Required		Unf	Clinical Course Packet II (UNF)	\$8.75	\$8.75	\$2.92	\$262.50
ATR	4212C	12261	3	30	90	Required	9780803645035	Chad	Examination of Orthopedic and Athletic Injuries, 4th Edition	\$109.95	\$219.90	\$73.30	\$6,597.00
ATR	4212C	12261				Required	9780803639188	Starkey	Examination of Orthopedic & Athletic (w/Bind-In Access Code)	\$109.95			
ATR	4302C	12262	3	30	90	Required	9780803625938	Starkey	Therapeutic Modalities	\$82.95	\$165.90	\$55.30	\$4,977.00
ATR	4302C	12262				Required	9780803639027	Starkey	Therapeutic Modalities 4th Edition	\$82.95			
ATR	4302C	12263	3	30	90	Required	9780803639027	Starkey	Therapeutic Modalities 4th Edition	\$82.95	\$165.90	\$55.30	\$4,977.00
ATR	4302C	12263				Required	9780803625938	Starkey	Therapeutic Modalities	\$82.95			
ATR	4842C	12266	3	22	66	Required		Unf	Clinical Course Packet IV (UNF)	\$6.75	\$6.75	\$2.25	\$148.50
ATR	4842C	12267	3	22	66	Required		Unf	Clinical Course Packet IV (UNF)	\$6.75	\$6.75	\$2.25	\$148.50
ATR	4933	12268	3	24	72	Required	9780781780520	Long	Athletic Training Exam Review(w/Bind-in Access Code)	\$63.99	\$63.99	\$21.33	\$1,535.76
ATR	3122	12294	3	48	144	Required	9781496343819	Agur	Grant's Atlas of Anatomy	\$89.99	\$335.96	\$111.99	\$16,126.08
ATR	3122	12294				Required	9781469890685	Agur	Grant's Atlas of Anatomy (w/Bind-in Access)	\$89.99			
ATR	3122	12294				Required	9781469871967	Keith L.	Essential Clinical Anatomy	\$77.99			
ATR	3122	12294				Required	9781451187496	Moore	Essen Clinical Anatomy (w/Bind-In Access Code)	\$77.99			
ATR	3122	12295	3	48	144	Required	9781496343819	Agur	Grant's Atlas of Anatomy	\$89.99	\$335.96	\$111.99	\$16,126.08
ATR	3122	12295				Required	9781469890685	Agur	Grant's Atlas of Anatomy (w/Bind-in Access)	\$89.99			
ATR	3122	12295				Required	9781469871967	Keith L.	Essential Clinical Anatomy	\$77.99			
ATR	3122	12295				Required	9781451187496	Moore	Essen Clinical Anatomy (w/Bind-In Access Code)	\$77.99			
BCH	4024	11332	3	82	246	Required	9781319042875	Berg	Biochemistry	\$179.51	\$484.26	\$161.42	\$39,709.32
BCH	4024	11332				Required	9781464126109	Berg	Biochemistry	\$304.75			
BCH	4024L	11333	1	17	17	Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95	\$27.95	\$27.95	\$475.15
BCH	4024L	11334	1	21	21	Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95	\$27.95	\$27.95	\$586.95
BCH	4034	11935	3	14	42	Required	9780321839923	Appling	Biochemistry	\$200.50	\$250.49	\$83.50	\$3,506.86
BCH	4034	11935				Required	9780133900156	Appling	Biochemistry: Concepts and Connections	\$49.99			
BCH	3023	12519	3	19	57	Required	9781269518741	Causey	Organic & Biological Chemistry: Structures of Life Pack	\$180.25	\$180.25	\$60.08	\$3,424.75
BCH	3023L	12520	1	18	18	Required	9781465276506	Nyquist	Bio Organic Chem Lab Experiments	\$60.00	\$60.00	\$60.00	\$1,080.00
BCN	4708	10382	3	39	117	Required	9781604423235	Allensworth	Construction Law	\$195.00	\$389.99	\$130.00	\$15,209.61
BCN	4708	10382				Required	9781627227476	Allensworth	Construction Law	\$194.99			

Dept	Course	CRN	Credit Hours	Enrolled	Total SCH generated	Usage	ISBN	Author	Title	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total for the Class
BCN	4730	10383	3	45	135	Required	9781118231920	Lin	Construction Project Safety	\$90.00	\$158.99	\$53.00	\$7,154.55
BCN	4730	10383				Required	9781118419519	Schaufelberger	Construction Project Safety	\$68.99			
BCN	4612	10555	3	20	60	Required	9780073398013	Peurifoy	Estimating Construction Costs	\$325.75	\$529.29	\$176.43	\$10,585.80
BCN	4612	10555				Required	9780077571993	Robert	Estimating Construction Costs	\$203.54			
BCN	2280	10783	3	42	126	Required	9780137009404	Kavanagh	Surveying: Prin & Appl	\$197.50	\$228.49	\$76.16	\$9,596.58
BCN	2280	10783				Required	9780133112047	Kavanagh	Surveying: Principles & Applications	\$30.99			
BCN	1210C	11319	3	54	162	Required	9780134320533	Mamlouk	Materials for Civil & Construction Engineers	\$202.25	\$284.24	\$94.75	\$15,348.96
BCN	1210C	11319				Required	9780134322896	Mamlouk	Materials for Civil and Construction Engineers	\$81.99			
BCN	4753	11320	3	37	111	Required	9780133149258	Fisk	Construction Project Administration	\$37.99	\$209.99	\$70.00	\$7,769.63
BCN	4753	11320				Required	9780132866736	Fisk	Construction Project Administration	\$172.00			
BCN	1251	11550	3	40	120	Required	9781285667508	Huth	Understanding Construction Drawings	\$18.49	\$137.44	\$45.81	\$5,497.60
BCN	1251	11550				Required	9781285061023	Huth	Understanding Construction Drawings (w/22 LL Draw	\$118.95			
BCN	2405	11551	3	27	81	Required	9780133840544	Limbrunner	Applied Statics & Strength of Materials	\$208.25	\$260.24	\$86.75	\$7,026.48
BCN	2405	11551				Required	9780133840728	Limbrunner	Applied Statics and Strength of Materials	\$51.99			
BCN	3224	11552	3	34	102	Required	9780132495011	Andres	Prin & Practices of Commercial Construction	\$171.25	\$209.24	\$69.75	\$7,114.16
BCN	3224	11552				Required	9780133128154	P.E.	Principles & Practices of Commercial Construction	\$37.99			
BCN	3611C	11829	3	30	90	Required	9780133494693	PE	Estimating in Building Construction	\$42.99	\$239.74	\$79.91	\$7,192.20
BCN	3611C	11829				Required	9780133431100	Peterson	Estimating in Building Construction	\$196.75			
BCN	4990	12552	3	12	36	Required	9780470540831	Allen	Fund of Residential Construction	\$125.00	\$225.99	\$75.33	\$2,711.88
BCN	4990	12552				Required	9780470951088	Allen	Fundamentals of Residential Construction, 3rd Edition	\$100.99			
BCN	3223C	12556	3	22	66	Required	9780190209667	Das	Soil Mechanics Laboratory Manual	\$84.95	\$236.94	\$78.98	\$5,212.68
BCN	3223C	12556				Required	9780133108514	Liu	Soils and Foundations	\$26.99			
BCN	3223C	12556				Required	9780135113905	Liu	Soils & Foundations	\$125.00			
BSC	1005C	10047	4	48	192	Choice	9780134018614	Simon	MasteringBiology W/Pearson EText - Standalone Acce	\$115.25	\$197.00	\$49.25	\$9,456.00
BSC	1005C	10047				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	1005C	10047				Required	9780738055305	Unf	Prin of Biology: BSC 1005C (Custom)	\$28.25			
BSC	1005C	10048	4	38	152	Choice	9780134018614	Simon	MasteringBiology W/Pearson EText - Standalone Acce	\$115.25	\$197.00	\$49.25	\$7,486.00
BSC	1005C	10048				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	1005C	10048				Required	9780738055305	Unf	Prin of Biology: BSC 1005C (Custom)	\$28.25			
BSC	1005C	10049	4	18	72	Choice Required	9780134102580	Simon	Campbell Essential Biology with Physiology	\$46.99	\$128.74	\$32.19	\$2,317.32
BSC	1005C	10049				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	1005C	10049				Required	9780738055305	Unf	Prin of Biology: BSC 1005C (Custom)	\$28.25			
BSC	1005C	10050	4	34	136	Choice Required	9780134102580	Simon	Campbell Essential Biology with Physiology	\$46.99	\$128.74	\$32.19	\$4,377.16
BSC	1005C	10050				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	1005C	10050				Required	9780738055305	Unf	Prin of Biology: BSC 1005C (Custom)	\$28.25			
BSC	1010C	10051	4	48	192	Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone A	\$138.25	\$193.70	\$48.43	\$9,297.60
BSC	1010C	10051				Required	9780738065489	Hayden-Mcneil	BSC1010 Gen Biology I Lab Manual	\$27.50			
BSC	1010C	10051				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			

Dept	Course	CRN	Credit Hours	Enrolled	Total SCH generated	Usage	ISBN	Author	Title	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total for the Class
BSC	1010C	10052	4	48	192	Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone A	\$138.25	\$193.70	\$48.43	\$9,297.60
BSC	1010C	10052				Required	9780738065489	Hayden-Mcneil	BSC1010 Gen Biology I Lab Manual	\$27.50			
BSC	1010C	10052				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1010C	10053	4	46	184	Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone A	\$138.25	\$193.70	\$48.43	\$8,910.20
BSC	1010C	10053				Required	9780738065489	Hayden-Mcneil	BSC1010 Gen Biology I Lab Manual	\$27.50			
BSC	1010C	10053				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1010C	10054	4	48	192	Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone A	\$138.25	\$193.70	\$48.43	\$9,297.60
BSC	1010C	10054				Required	9780738065489	Hayden-Mcneil	BSC1010 Gen Biology I Lab Manual	\$27.50			
BSC	1010C	10054				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1010C	10055	4	46	184	Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone A	\$138.25	\$193.70	\$48.43	\$8,910.20
BSC	1010C	10055				Required	9780738065489	Hayden-Mcneil	BSC1010 Gen Biology I Lab Manual	\$27.50			
BSC	1010C	10055				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1010C	10056	4	48	192	Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone A	\$138.25	\$193.70	\$48.43	\$9,297.60
BSC	1010C	10056				Required	9780738065489	Hayden-Mcneil	BSC1010 Gen Biology I Lab Manual	\$27.50			
BSC	1010C	10056				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1011C	10058	4	48	192	Required	9781617310584	Adams	Van De Graaff's Photographic Atlas/Biology Lab (Loos	\$50.27	\$488.20	\$122.05	\$23,433.60
BSC	1011C	10058				Required	9781617310591	Adams	Van De Graaff's Photographic Atlas for the Biology Lab	\$45.24			
BSC	1011C	10058				Required	9780321976499	Freeman	Biological Science (w/out Access Code)	\$259.75			
BSC	1011C	10058				Required	9780134254166	Freeman	Biological Science	\$104.99			
BSC	1011C	10058				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1011C	10059	4	48	192	Required	9781617310584	Adams	Van De Graaff's Photographic Atlas/Biology Lab (Loos	\$50.27	\$488.20	\$122.05	\$23,433.60
BSC	1011C	10059				Required	9781617310591	Adams	Van De Graaff's Photographic Atlas for the Biology Lab	\$45.24			
BSC	1011C	10059				Required	9780134254166	Freeman	Biological Science	\$104.99			
BSC	1011C	10059				Required	9780321976499	Freeman	Biological Science (w/out Access Code)	\$259.75			
BSC	1011C	10059				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1011C	10060	4	48	192	Required	9781617310584	Adams	Van De Graaff's Photographic Atlas/Biology Lab (Loos	\$50.27	\$488.20	\$122.05	\$23,433.60
BSC	1011C	10060				Required	9781617310591	Adams	Van De Graaff's Photographic Atlas for the Biology Lab	\$45.24			
BSC	1011C	10060				Required	9780321976499	Freeman	Biological Science (w/out Access Code)	\$259.75			
BSC	1011C	10060				Required	9780134254166	Freeman	Biological Science	\$104.99			
BSC	1011C	10060				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1011C	10061	4	48	192	Required	9781617310591	Adams	Van De Graaff's Photographic Atlas for the Biology Lab	\$45.24	\$488.20	\$122.05	\$23,433.60
BSC	1011C	10061				Required	9781617310584	Adams	Van De Graaff's Photographic Atlas/Biology Lab (Loos	\$50.27			
BSC	1011C	10061				Required	9780321976499	Freeman	Biological Science (w/out Access Code)	\$259.75			
BSC	1011C	10061				Required	9780134254166	Freeman	Biological Science	\$104.99			
BSC	1011C	10061				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1011C	10062	4	48	192	Required	9781617310584	Adams	Van De Graaff's Photographic Atlas/Biology Lab (Loos	\$50.27	\$488.20	\$122.05	\$23,433.60
BSC	1011C	10062				Required	9781617310591	Adams	Van De Graaff's Photographic Atlas for the Biology Lab	\$45.24			
BSC	1011C	10062				Required	9780134254166	Freeman	Biological Science	\$104.99			
BSC	1011C	10062				Required	9780321976499	Freeman	Biological Science (w/out Access Code)	\$259.75			
BSC	1011C	10062				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	2085C	10064	4	32	128	Required	9781323463130	Beall	UNF Anatomy & Physiology Lab Manual Pkg (CUSTOM	\$133.50	\$541.99	\$135.50	\$17,343.68
BSC	2085C	10064				Required	9780134156415	Marieb	Anatomy & Physiology (w/Out MasteringA&P Access)	\$260.00			

Dept	Course	CRN	Credit Hours	Enrolled	Total SCH generated	Usage	ISBN	Author	Title	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total for the Class
BSC	2085C	10064				Required	9780134298924	Marieb	Anatomy & Physiology	\$105.99			
BSC	2085C	10064				Choice	9781617314261	Morton	VanDeGraaff's Photographic Atlas for the Anatomy &	\$42.50			
BSC	2085C	10065	4	48	192	Required	9781323463130	Beall	UNF Anatomy & Physiology Lab Manual Pkg (CUSTOM	\$133.50	\$541.99	\$135.50	\$26,015.52
BSC	2085C	10065				Required	9780134156415	Marieb	Anatomy & Physiology (w/Out MasteringA&P Access)	\$260.00			
BSC	2085C	10065				Required	9780134298924	Marieb	Anatomy & Physiology	\$105.99			
BSC	2085C	10065				Choice	9781617314261	Morton	VanDeGraaff's Photographic Atlas for the Anatomy &	\$42.50			
BSC	2086C	10066	4	40	160	Required	9781323463130	Beall	UNF Anatomy & Physiology Lab Manual Pkg (CUSTOM	\$133.50	\$499.49	\$124.87	\$19,979.60
BSC	2086C	10066				Required	9780134156415	Marieb	Anatomy & Physiology (w/Out MasteringA&P Access)	\$260.00			
BSC	2086C	10066				Required	9780134298924	Marieb	Anatomy & Physiology	\$105.99			
BSC	2086C	10067	4	48	192	Required	9781323463130	Beall	UNF Anatomy & Physiology Lab Manual Pkg (CUSTOM	\$133.50	\$499.49	\$124.87	\$23,975.52
BSC	2086C	10067				Required	9780134298924	Marieb	Anatomy & Physiology	\$105.99			
BSC	2086C	10067				Required	9780134156415	Marieb	Anatomy & Physiology (w/Out MasteringA&P Access)	\$260.00			
BSC	2086C	10068	4	44	176	Required	9781323463130	Beall	UNF Anatomy & Physiology Lab Manual Pkg (CUSTOM	\$133.50	\$499.49	\$124.87	\$21,977.56
BSC	2086C	10068				Required	9780134156415	Marieb	Anatomy & Physiology (w/Out MasteringA&P Access)	\$260.00			
BSC	2086C	10068				Required	9780134298924	Marieb	Anatomy & Physiology	\$105.99			
BSC	2086C	10069	4	48	192	Required	9781323463130	Beall	UNF Anatomy & Physiology Lab Manual Pkg (CUSTOM	\$133.50	\$499.49	\$124.87	\$23,975.52
BSC	2086C	10069				Required	9780134156415	Marieb	Anatomy & Physiology (w/Out MasteringA&P Access)	\$260.00			
BSC	2086C	10069				Required	9780134298924	Marieb	Anatomy & Physiology	\$105.99			
BSC	2086C	10070	4	48	192	Required	9781323463130	Beall	UNF Anatomy & Physiology Lab Manual Pkg (CUSTOM	\$133.50	\$499.49	\$124.87	\$23,975.52
BSC	2086C	10070				Required	9780134298924	Marieb	Anatomy & Physiology	\$105.99			
BSC	2086C	10070				Required	9780134156415	Marieb	Anatomy & Physiology (w/Out MasteringA&P Access)	\$260.00			
BSC	2085C	10330	4	30	120	Required	9781323463130	Beall	UNF Anatomy & Physiology Lab Manual Pkg (CUSTOM	\$133.50	\$541.99	\$135.50	\$16,259.70
BSC	2085C	10330				Required	9780134156415	Marieb	Anatomy & Physiology (w/Out MasteringA&P Access)	\$260.00			
BSC	2085C	10330				Required	9780134298924	Marieb	Anatomy & Physiology	\$105.99			
BSC	2085C	10330				Choice	9781617314261	Morton	VanDeGraaff's Photographic Atlas for the Anatomy &	\$42.50			
BSC	2085C	10574	4	48	192	Required	9781323463130	Beall	UNF Anatomy & Physiology Lab Manual Pkg (CUSTOM	\$133.50	\$584.49	\$146.12	\$28,055.52
BSC	2085C	10574				Required	9780134298924	Marieb	Anatomy & Physiology	\$105.99			
BSC	2085C	10574				Required	9780134156415	Marieb	Anatomy & Physiology (w/Out MasteringA&P Access)	\$260.00			
BSC	2085C	10574				Choice	9781617314261	Morton	VanDeGraaff's Photographic Atlas for the Anatomy &	\$42.50			
BSC	2085C	10574				Choice	9780470913727	Nielsen	Atlas of Human Anatomy	\$42.50			
BSC	2012C	10624	4	48	192	Choice	9781617310584	Adams	Van De Graaff's Photographic Atlas/Biology Lab (Loos	\$50.27	\$600.75	\$150.19	\$28,836.00
BSC	2012C	10624				Choice	9781617310591	Adams	Van De Graaff's Photographic Atlas for the Biology La	\$45.24			
BSC	2012C	10624				Required	9780133556322	Allison	Biological Science	\$104.99			
BSC	2012C	10624				Required	9781599848075	Beall	General Biology III Lab Manual	\$44.50			
BSC	2012C	10624				Required	9780321743671	Freeman	Biological Science (w/out Access Code)	\$259.75			
BSC	2012C	10624				Choice	9781617314261	Morton	VanDeGraaff's Photographic Atlas for the Anatomy &	\$42.50			
BSC	2012C	10624				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	2012C	10625	4	12	48	Choice	9781617314261	Morton	VanDeGraaff's Photographic Atlas for the Anatomy &	\$42.50	\$505.24	\$126.31	\$6,062.88
BSC	2012C	10625				Required	9780133556322	Allison	Biological Science	\$104.99			
BSC	2012C	10625				Required	9781599848075	Beall	General Biology III Lab Manual	\$44.50			
BSC	2012C	10625				Required	9780321743671	Freeman	Biological Science (w/out Access Code)	\$259.75			
BSC	2012C	10625				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			

Dept	Course	CRN	Credit Hours	Enrolled	Total SCH generated	Usage	ISBN	Author	Title	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total for the Class
BSC	2012C	10682	4	48	192	Choice	9781617310591	Adams	Van De Graaff's Photographic Atlas for the Biology Lab	\$45.24	\$507.98	\$127.00	\$24,383.04
BSC	2012C	10682				Required	9780133556322	Allison	Biological Science	\$104.99			
BSC	2012C	10682				Required	9781599848075	Beall	General Biology III Lab Manual	\$44.50			
BSC	2012C	10682				Required	9780321743671	Freeman	Biological Science (w/out Access Code)	\$259.75			
BSC	2012C	10682				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	2085C	10847	4	48	192	Required	9781323463130	Beall	UNF Anatomy & Physiology Lab Manual Pkg (CUSTOM)	\$133.50	\$541.99	\$135.50	\$26,015.52
BSC	2085C	10847				Required	9780134298924	Marieb	Anatomy & Physiology	\$105.99			
BSC	2085C	10847				Required	9780134156415	Marieb	Anatomy & Physiology (w/Out MasteringA&P Access)	\$260.00			
BSC	2085C	10847				Choice	9781617314261	Morton	VanDeGraaff's Photographic Atlas for the Anatomy &	\$42.50			
BSC	1011C	10848	4	36	144	Required	9781617310591	Adams	Van De Graaff's Photographic Atlas for the Biology Lab	\$45.24	\$315.21	\$78.80	\$11,347.56
BSC	1011C	10848				Required	9781617310584	Adams	Van De Graaff's Photographic Atlas/Biology Lab (Loose)	\$50.27			
BSC	1011C	10848				Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone Access	\$138.25			
BSC	1011C	10848				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1011C	10848				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	1005C	10849	4	20	80	Choice Required	9780134102580	Simon	Campbell Essential Biology with Physiology	\$46.99	\$315.99	\$79.00	\$6,319.80
BSC	1005C	10849				Choice Required	9780321967671	Simon	Campbell Essen Biology with Physiology (w/out Mastering)	\$187.25			
BSC	1005C	10849				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	1005C	10849				Required	9780738055305	Unf	Prin of Biology: BSC 1005C (Custom)	\$28.25			
BSC	1005C	10850	4	20	80	Choice	9780134018614	Simon	MasteringBiology W/Pearson EText - Standalone Access	\$115.25	\$197.00	\$49.25	\$3,940.00
BSC	1005C	10850				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	1005C	10850				Required	9780738055305	Unf	Prin of Biology: BSC 1005C (Custom)	\$28.25			
BSC	1011C	10852	4	48	192	Required	9781617310584	Adams	Van De Graaff's Photographic Atlas/Biology Lab (Loose)	\$50.27	\$315.21	\$78.80	\$15,130.08
BSC	1011C	10852				Required	9781617310591	Adams	Van De Graaff's Photographic Atlas for the Biology Lab	\$45.24			
BSC	1011C	10852				Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone Access	\$138.25			
BSC	1011C	10852				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1011C	10852				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	1011C	10869	4	46	184	Required	9781617310584	Adams	Van De Graaff's Photographic Atlas/Biology Lab (Loose)	\$50.27	\$315.21	\$78.80	\$14,499.66
BSC	1011C	10869				Required	9781617310591	Adams	Van De Graaff's Photographic Atlas for the Biology Lab	\$45.24			
BSC	1011C	10869				Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone Access	\$138.25			
BSC	1011C	10869				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1011C	10869				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	2012C	10870	4	44	176	Choice	9781617314261	Morton	VanDeGraaff's Photographic Atlas for the Anatomy &	\$42.50	\$505.24	\$126.31	\$22,230.56
BSC	2012C	10870				Required	9780133556322	Allison	Biological Science	\$104.99			
BSC	2012C	10870				Required	9781599848075	Beall	General Biology III Lab Manual	\$44.50			
BSC	2012C	10870				Required	9780321743671	Freeman	Biological Science (w/out Access Code)	\$259.75			
BSC	2012C	10870				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	4947	10876	1	23	23	Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95	\$27.95	\$27.95	\$642.85
BSC	4947	10877	1	22	22	Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95	\$27.95	\$27.95	\$614.90
BSC	3057	10878	3	69	207	Choice	9780133863802	Withgott	Essen Environment (MasteringEnvironmentalSci Access)	\$115.25	\$115.25	\$38.42	\$7,952.25
BSC	1010C	10980	4	48	192	Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone Access	\$138.25	\$247.20	\$61.80	\$11,865.60
BSC	1010C	10980				Required	9780738065489	Hayden-Mcneil	BSC1010 Gen Biology I Lab Manual	\$27.50			
BSC	1010C	10980				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			

Dept	Course	CRN	Credit Hours	Enrolled	Total SCH generated	Usage	ISBN	Author	Title	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total for the Class
BSC	1010C	10980				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	1010C	10994	4	34	136	Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone A	\$138.25	\$247.20	\$61.80	\$8,404.80
BSC	1010C	10994				Required	9780738065489	Hayden-Mcneil	BSC1010 Gen Biology I Lab Manual	\$27.50			
BSC	1010C	10994				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1010C	10994				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	2012C	10995	4	12	48	Choice	9781617310591	Adams	Van De Graaff's Photographic Atlas for the Biology Lab	\$45.24	\$535.93	\$133.98	\$6,431.16
BSC	2012C	10995				Required	9780133556322	Allison	Biological Science	\$104.99			
BSC	2012C	10995				Required	9781599848075	Beall	General Biology III Lab Manual	\$44.50			
BSC	2012C	10995				Required	9780321743671	Freeman	Biological Science (w/out Access Code)	\$259.75			
BSC	2012C	10995				Recommended	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	2012C	10995				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	4947	11084	1	29	29	Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95	\$27.95	\$27.95	\$810.55
BSC	1010C	11130	4	44	176	Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone A	\$138.25	\$247.20	\$61.80	\$10,876.80
BSC	1010C	11130				Required	9780738065489	Hayden-Mcneil	BSC1010 Gen Biology I Lab Manual	\$27.50			
BSC	1010C	11130				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1010C	11130				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	2085C	11448	4	40	160	Required	9781323463130	Beall	UNF Anatomy & Physiology Lab Manual Pkg (CUSTOM	\$133.50	\$541.99	\$135.50	\$21,679.60
BSC	2085C	11448				Required	9780134156415	Marieb	Anatomy & Physiology (w/Out MasteringA&P Access)	\$260.00			
BSC	2085C	11448				Required	9780134298924	Marieb	Anatomy & Physiology	\$105.99			
BSC	2085C	11448				Choice	9781617314261	Morton	VanDeGraaff's Photographic Atlas for the Anatomy &	\$42.50			
BSC	2085C	11449	4	48	192	Required	9781323463130	Beall	UNF Anatomy & Physiology Lab Manual Pkg (CUSTOM	\$133.50	\$541.99	\$135.50	\$26,015.52
BSC	2085C	11449				Required	9780134156415	Marieb	Anatomy & Physiology (w/Out MasteringA&P Access)	\$260.00			
BSC	2085C	11449				Required	9780134298924	Marieb	Anatomy & Physiology	\$105.99			
BSC	2085C	11449				Choice	9781617314261	Morton	VanDeGraaff's Photographic Atlas for the Anatomy &	\$42.50			
BSC	2086C	11470	4	46	184	Required	9781323463130	Beall	UNF Anatomy & Physiology Lab Manual Pkg (CUSTOM	\$133.50	\$499.49	\$124.87	\$22,976.54
BSC	2086C	11470				Required	9780134298924	Marieb	Anatomy & Physiology	\$105.99			
BSC	2086C	11470				Required	9780134156415	Marieb	Anatomy & Physiology (w/Out MasteringA&P Access)	\$260.00			
BSC	1011C	11502	4	44	176	Required	9781617310591	Adams	Van De Graaff's Photographic Atlas for the Biology Lab	\$45.24	\$315.21	\$78.80	\$13,869.24
BSC	1011C	11502				Required	9781617310584	Adams	Van De Graaff's Photographic Atlas/Biology Lab (Loos	\$50.27			
BSC	1011C	11502				Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone A	\$138.25			
BSC	1011C	11502				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1011C	11502				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	2992	11731	1	22	22	Required	9781451624120	Reynolds	On Doctoring	\$24.99	\$24.99	\$24.99	\$549.78
BSC	3842	11877	1	69	69	Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95	\$27.95	\$27.95	\$1,928.55
BSC	3842	11878	1	54	54	Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95	\$27.95	\$27.95	\$1,509.30
BSC	1011C	12410	4	28	112	Required	9781617310584	Adams	Van De Graaff's Photographic Atlas/Biology Lab (Loos	\$50.27	\$315.21	\$78.80	\$8,825.88
BSC	1011C	12410				Required	9781617310591	Adams	Van De Graaff's Photographic Atlas for the Biology Lab	\$45.24			
BSC	1011C	12410				Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone A	\$138.25			
BSC	1011C	12410				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1011C	12410				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			

Dept	Course	CRN	Credit Hours	Enrolled	Total SCH generated	Usage	ISBN	Author	Title	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total for the Class
BSC	1010C	12559	4	48	192	Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone A	\$138.25	\$193.70	\$48.43	\$9,297.60
BSC	1010C	12559				Required	9780738065489	Hayden-Mcneil	BSC1010 Gen Biology I Lab Manual	\$27.50			
BSC	1010C	12559				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1010C	12560	4	38	152	Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone A	\$138.25	\$247.20	\$61.80	\$9,393.60
BSC	1010C	12560				Required	9780738065489	Hayden-Mcneil	BSC1010 Gen Biology I Lab Manual	\$27.50			
BSC	1010C	12560				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1010C	12560				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	1011C	12562	4	22	88	Required	9781617310591	Adams	Van De Graaff's Photographic Atlas for the Biology Lab	\$45.24	\$589.71	\$147.43	\$12,973.62
BSC	1011C	12562				Required	9781617310584	Adams	Van De Graaff's Photographic Atlas/Biology Lab (Loose	\$50.27			
BSC	1011C	12562				Choice	9780321993755	Freeman	Biological Science (w/Mastering Biology Access Code)	\$274.50			
BSC	1011C	12562				Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone A	\$138.25			
BSC	1011C	12562				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1011C	12562				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	2012C	12563	4	46	184	Choice	9781617310591	Adams	Van De Graaff's Photographic Atlas for the Biology Lab	\$45.24	\$578.43	\$144.61	\$26,607.78
BSC	2012C	12563				Required	9780133556322	Allison	Biological Science	\$104.99			
BSC	2012C	12563				Required	9781599848075	Beall	General Biology III Lab Manual	\$44.50			
BSC	2012C	12563				Required	9780321743671	Freeman	Biological Science (w/out Access Code)	\$259.75			
BSC	2012C	12563				Recommended	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	2012C	12563				Choice	9781617314261	Morton	VanDeGraaff's Photographic Atlas for the Anatomy &	\$42.50			
BSC	2012C	12563				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
BSC	2085C	12564	4	38	152	Required	9781323463130	Beall	UNF Anatomy & Physiology Lab Manual Pkg (CUSTOM	\$133.50	\$541.99	\$135.50	\$20,595.62
BSC	2085C	12564				Required	9780134298924	Marieb	Anatomy & Physiology	\$105.99			
BSC	2085C	12564				Required	9780134156415	Marieb	Anatomy & Physiology (w/Out MasteringA&P Access)	\$260.00			
BSC	2085C	12564				Choice	9781617314261	Morton	VanDeGraaff's Photographic Atlas for the Anatomy &	\$42.50			
BSC	4930	12568	3	38	114	Required	9780226442495	Klimley	Biology of Sharks & Rays	\$43.00	\$43.00	\$14.33	\$1,634.00
BSC	4930	12569	3	25	75	Required	9780307957917	Sibley	Birds of Eastern North America(Field Guide)	\$19.95	\$19.95	\$6.65	\$498.75
BSC	1010C	12583	4	46	184	Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone A	\$138.25	\$193.70	\$48.43	\$8,910.20
BSC	1010C	12583				Required	9780738065489	Hayden-Mcneil	BSC1010 Gen Biology I Lab Manual	\$27.50			
BSC	1010C	12583				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1010C	12584	4	48	192	Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone A	\$138.25	\$193.70	\$48.43	\$9,297.60
BSC	1010C	12584				Required	9780738065489	Hayden-Mcneil	BSC1010 Gen Biology I Lab Manual	\$27.50			
BSC	1010C	12584				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1010C	12585	4	48	192	Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone A	\$138.25	\$193.70	\$48.43	\$9,297.60
BSC	1010C	12585				Required	9780738065489	Hayden-Mcneil	BSC1010 Gen Biology I Lab Manual	\$27.50			
BSC	1010C	12585				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	1010C	12586	4	48	192	Choice	9780134283463	Freeman	MasteringBiology with Pearson EText -- Standalone A	\$138.25	\$193.70	\$48.43	\$9,297.60
BSC	1010C	12586				Required	9780738065489	Hayden-Mcneil	BSC1010 Gen Biology I Lab Manual	\$27.50			
BSC	1010C	12586				Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95			
BSC	4930	12593	4	4	16	Required	9780190245603	Hofmann	Writing in the Biological Sciences	\$27.95	\$27.95	\$6.99	\$111.80
BSC	2086C	13214	4	24	96	Required	9781323463130	Beall	UNF Anatomy & Physiology Lab Manual Pkg (CUSTOM	\$133.50	\$499.49	\$124.87	\$11,987.76
BSC	2086C	13214				Required	9780134156415	Marieb	Anatomy & Physiology (w/Out MasteringA&P Access)	\$260.00			

Dept	Course	CRN	Credit Hours	Enrolled	Total SCH generated	Usage	ISBN	Author	Title	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total for the Class
BSC	2086C	13214				Required	9780134298924	Marieb	Anatomy & Physiology	\$105.99			
BUL	3130	10406	3	230	690	Required	9781337497664	Mann	Business Law (Loose Pgs)(w/6mth Access Card)	\$101.50	\$101.50	\$33.83	\$23,345.00
BUL	3130	10407	3	199	597	Required	9781337497664	Mann	Business Law (Loose Pgs)(w/6mth Access Card)	\$101.50	\$101.50	\$33.83	\$20,198.50
BUL	4350	10601	3	9	27	Required	9781337497664	Mann	Business Law (Loose Pgs)(w/6mth Access Card)	\$101.50	\$101.50	\$33.83	\$913.50
CAP	4630	11835	3	36	108	Required	9780133001983	Norvig	Artificial Intelligence: A Modern Approach	\$43.99	\$242.99	\$81.00	\$8,747.64
CAP	4630	11835				Required	9780136042594	Russell	Artificial Intelligence	\$199.00			
CAP	4770	11865	3	22	66	Required	9780123814807	Han	Data Mining: Concepts and Techniques	\$74.95	\$149.90	\$49.97	\$3,297.80
CAP	4770	11865				Required	9780123814791	Han	Data Mining	\$74.95			
CCJ	2002	10289	3	127	381	Choice	9781506365336	Payne	UNF CCJ 2002 Intro to Crim Justice EBook Only + Caree	\$60.00	\$113.50	\$37.83	\$14,414.50
CCJ	2002	10289				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
CCJ	3023	10290	3	37	111	Required	9781285458984	Gaines	Criminal Justice in Action	\$269.00	\$320.49	\$106.83	\$11,858.13
CCJ	3023	10290				Required	9781305142817	Gaines	Criminal Justice in Action	\$51.49			
CCJ	3023	10291	3	39	117	Required	9781305854970	Gaines	Criminal Justice in Action	\$103.49	\$375.24	\$125.08	\$14,634.36
CCJ	3023	10291				Required	9781305633759	Gaines	Criminal Justice in Action	\$271.75			
CCJ	4604	10292	3	37	111	Required	9781412987073	Schug	Mental Illness & Crime	\$99.00	\$99.00	\$33.00	\$3,663.00
CCJ	4940	10293	3	21	63	Required	9781317523239	McBride	Criminal Justice Internships	\$43.95	\$87.90	\$29.30	\$1,845.90
CCJ	4940	10293				Required	9780323298841	McBride	Criminal Justice Internships	\$43.95			
CCJ	3700	10513	3	29	87	Required	9781506306810	Bachman	Practice of Research in Criminology etc	\$147.00	\$265.00	\$88.33	\$7,685.00
CCJ	3700	10513				Required	9781506306834	Bachman	The Practice of Research in Criminology and Criminal	\$118.00			
CCJ	3700	10514	3	30	90	Required	9781483333458	Bachman	Fund of Research in Criminology & Criminal Justice	\$95.00	\$171.00	\$57.00	\$5,130.00
CCJ	3700	10514				Required	9781483352077	Ronet D.	Fundamentals of Research in Criminology and Criminal	\$76.00			
CCJ	4939	10531	3	24	72	Required	9780323298841	McBride	Criminal Justice Internships	\$43.95	\$87.90	\$29.30	\$2,109.60
CCJ	4939	10531				Required	9781317523239	McBride	Criminal Justice Internships	\$43.95			
CCJ	4939	10532	3	32	96	Required	9780323298841	McBride	Criminal Justice Internships	\$43.95	\$87.90	\$29.30	\$2,812.80
CCJ	4939	10532				Required	9781317523239	McBride	Criminal Justice Internships	\$43.95			
CCJ	4938	10535	3	23	69	Required	9780135057490	Lasley	Criminal Investigation	\$193.00	\$234.99	\$78.33	\$5,404.77
CCJ	4938	10535				Required	9780133081091	Lasley	Criminal Investigation: An Illustrated Case Study Appr	\$41.99			
CCJ	3023	10807	3	49	147	Required	9781285441528	Siegel	Essen of Criminal Justice	\$190.00	\$190.00	\$63.33	\$9,310.00
CCJ	3014	10808	3	30	90	Required	9781483321875	James Robert	Criminological Theory: Context and Consequences	\$87.00	\$196.00	\$65.33	\$5,880.00
CCJ	3014	10808				Required	9781452258164	Lilly	Criminological Theory	\$109.00			
CCJ	3014	10831	3	32	96	Required	9780133512373	Miller	Criminological Theory: Brief Intro	\$87.00	\$105.99	\$35.33	\$3,391.68
CCJ	3014	10831				Required	9780133512502	Mitchell Miller	Criminological Theory: A Brief Introduction	\$18.99			
CCJ	4938	10956	3	50	150	Required	9781483323992	Alexander Alex C.	Violence: The Enduring Problem	\$67.00	\$151.00	\$50.33	\$7,550.00
CCJ	4938	10956				Required	9781483300306	Alvarez	Violence	\$84.00			

Dept	Course	CRN	Credit Hours	Enrolled	Total SCH generated	Usage	ISBN	Author	Title	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total for the Class
CCJ	2002	10958	3	49	147	Choice	9781506365336	Payne	UNF CCJ 2002 Intro to Crim Justice EBook Only + Caree	\$60.00	\$60.00	\$20.00	\$2,940.00
CCJ	3700	10998	3	27	81	Required	9781305465473	Maxfield	Basics of Research Methods for Criminal Justice and C	\$52.99	\$209.74	\$69.91	\$5,662.98
CCJ	3700	10998				Required	9781305261105	Maxfield	Basics of Research Methods for Criminal Justice & Cri	\$156.75			
CCJ	4940	10999	3	26	78	Required	9781317523239	McBride	Criminal Justice Internships	\$43.95	\$87.90	\$29.30	\$2,285.40
CCJ	4940	10999				Required	9780323298841	McBride	Criminal Justice Internships	\$43.95			
CCJ	3014	11454	3	30	90	Required	9781305276826	Siegel	Mindtap Access Card for Criminology: Theories, Patte	\$92.00	\$92.00	\$30.67	\$2,760.00
CCJ	2002	11794	3	49	147	Choice	9781506365336	Payne	UNF CCJ 2002 Intro to Crim Justice EBook Only + Caree	\$60.00	\$60.00	\$20.00	\$2,940.00
CCJ	3014	11969	3	26	78	Required	9781305276826	Siegel	Mindtap Access Card for Criminology: Theories, Patte	\$92.00	\$92.00	\$30.67	\$2,392.00
CCJ	3700	11970	3	26	78	Required	9781305465473	Maxfield	Basics of Research Methods for Criminal Justice and C	\$52.99	\$209.74	\$69.91	\$5,453.24
CCJ	3700	11970				Required	9781305261105	Maxfield	Basics of Research Methods for Criminal Justice & Cri	\$156.75			
CCJ	4935	11974	3	47	141	Required	9781483350721	Fox	Extreme Killing	\$59.00	\$159.50	\$53.17	\$7,496.50
CCJ	4935	11974				Required	9781483352800	James Alan	Extreme Killing: Understanding Serial and Mass Murd	\$47.00			
CCJ	4935	11974				Required	9781934931493	Turning Technologies	Response Card NXT: Rcxr-03 CLICKER	\$53.50			
CCJ	4664	11975	3	47	141	Required	9781305561595	Friedrichs	Trusted Criminals: White Collar Crime In Contempora	\$31.99	\$193.74	\$64.58	\$9,105.78
CCJ	4664	11975				Required	9780495600824	Friedrichs	Trusted Criminals: White Collar Crime etc	\$161.75			
CDA	3101	12854	3	60	180	Required	9780134080161	Morris R. Mano	Logic & Computer Design Fundamentals	\$60.99	\$60.99	\$20.33	\$3,659.40
CEG	3011C	11873	4	36	144	Required	9781305970939	Das	Prin of Geotechnical Engineering	\$246.50	\$246.50	\$61.63	\$8,874.00
CEG	3011C	12594	4	38	152	Required	9781305970939	Das	Prin of Geotechnical Engineering	\$246.50	\$246.50	\$61.63	\$9,367.00
CEG	4101	12595	3	11	33	Required	9780133952124	Coduto	Foundation Design: Principles and Practices	\$59.99	\$297.99	\$99.33	\$3,277.89
CEG	4101	12595				Required	9780133411898	Coduto	Foundation Design	\$238.00			
CEN	4010	12430	3	46	138	Required	9780321154989	Kulak	Use Cases: Requirements in Context	\$54.99	\$241.74	\$80.58	\$11,120.04
CEN	4010	12430				Required	9780136061694	Pfleeger	Software Engineering	\$186.75			
CES	3605	11596	3	15	45	Required	9781133707127	Segui	Steel Design	\$43.49	\$263.49	\$87.83	\$3,952.35
CES	3605	11596				Required	9781111576004	Segui	Steel Design	\$220.00			

Dept	Course	CRN	Credit Hours	Enrolled	Total SCH generated	Usage	ISBN	Author	Title	Current New Retail Price	Individual Total for the Class	Total Per SCH	Grand Total for the Class
SYO	4100	11682	3	34	102	Required	9780078026676	Cherlin	Public & Private Families	\$263.00	\$263.00	\$87.67	\$8,942.00
SYO	3440	12906	3	34	102	Required	9780132228237	Potter	Geographies of Development	\$70.95	\$70.95	\$23.65	\$2,412.30
SYP	4050	13287	3	33	99	Required	9780199933754	Sandstrom	Symbols, Selves & Social Reality	\$69.95	\$69.95	\$23.32	\$2,308.35
SYP	3001	10398	3	42	126	Required	9781259729027	Outsley	McGraw-Hill's Taxation of Individuals 2017 Ed	\$367.50	\$367.50	\$122.50	\$15,435.00
TAX	3721	10787	3	18	54	Required	9781260037838	Jones	Tax Business Investment Planning (w/ Access)(CUSTO	\$233.50	\$233.50	\$77.83	\$4,203.00
TAX	3001	12188	3	25	75	Required	9781259729027	Outsley	McGraw-Hill's Taxation of Individuals 2017 Ed	\$367.50	\$367.50	\$122.50	\$9,187.50
TAX	3011	12189	3	25	75	Required	9781260056198	Spilker	Tax 3011 (UNF)(CUSTOM)	\$280.00	\$280.00	\$93.33	\$7,000.00
TAX	4524	11626	3	9	27	Required	9780415273268	Babbage	Augusto Boal	\$35.95	\$35.95	\$11.98	\$323.55
THE	2000	11627	3	35	105	Required	9780802123442	Schenkkan	All the Way	\$16.00	\$238.50	\$79.50	\$8,347.50
THE	2000	11627				Required	9781503290907	Shaw	Pygmalion	\$9.50			
THE	2000	11627				Required	9780073514307	Wilson	Theatre: Lively Art	\$213.00			
THE	4923	11628	3	22	66	Required	9781557830494	Brown	Shakescenes: Shakespeare for Two	\$14.99	\$74.89	\$24.96	\$1,647.58
THE	4923	11628				Required	9780896762527	Calderone	Actions: Actors' Thesaurus	\$19.95			
THE	4923	11628				Required	9780140291179	Crystal	Shakespeare's Words: Glossary & Language Compani	\$21.00			
THE	4923	11628				Required	9781581154641	Vantassel	Clues to Acting Shakespeare	\$18.95			
THE	2000	11752	3	35	105	Required	9780802123442	Schenkkan	All the Way	\$16.00	\$238.50	\$79.50	\$8,347.50
THE	2000	11752				Required	9781503290907	Shaw	Pygmalion	\$9.50			
THE	2000	11752				Required	9780073514307	Wilson	Theatre: Lively Art	\$213.00			
THE	3110	12737	3	6	18	Required	9780393921519	Gainor	Norton Anthology of Drama	\$81.50	\$81.50	\$27.17	\$489.00
TPP	4155	11629	3	12	36	Required	9780896762527	Calderone	Actions: Actors' Thesaurus	\$19.95	\$76.85	\$25.62	\$922.20
TPP	4155	11629				Required	9780140291179	Crystal	Shakespeare's Words: Glossary & Language Compani	\$21.00			
TPP	4155	11629				Required	9781575252025	Jory	Tips: Ideas for Actors	\$16.95			
TPP	4155	11629				Required	9781581154641	Vantassel	Clues to Acting Shakespeare	\$18.95			
TPP	2100	12017	3	13	39	Required	9780896762527	Calderone	Actions: Actors' Thesaurus	\$19.95	\$133.10	\$44.37	\$1,730.30
TPP	2100	12017				Required	9781557837004	Henry	One on One	\$18.99			
TPP	2100	12017				Required	9781557837011	Henry	One on One	\$18.99			
TPP	2100	12017				Required	9780757587252	Ogorman	Keys to Acting	\$67.18			
TPP	2100	12017				Required	9780553272956	Shurtleff	Audition	\$7.99			
TRA	3035	12054	3	41	123	Required	9781305445352	Coyle	Transportation: A Global Supply Chain Perspective	\$111.49	\$485.24	\$161.75	\$19,894.84
TRA	3035	12054				Required	9781133592969	Coyle	Transportation	\$373.75			
TRA	4721	12057	3	16	48	Required	9780989490603	David	International Logistics: MGMT of International Trade	\$86.75	\$86.75	\$28.92	\$1,388.00
TRA	4155	12058	3	34	102	Required	9780975994993	Lambert	Supply Chain Management	\$145.00	\$145.00	\$48.33	\$4,930.00
TRA	4210	12059	3	14	42	Required	9780996550802	Blough	Modern Technology for Transportation Management	\$125.00	\$125.00	\$41.67	\$1,750.00
TRA	4210	12060	3	14	42	Required	9780996550802	Blough	Modern Technology for Transportation Management	\$125.00	\$125.00	\$41.67	\$1,750.00

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TRA	4202	12098	3	33	99	Required	9780078024054	Bowersox	Supply Chain Logistics Mgmt	\$294.00	\$466.50	\$155.50	\$15,394.50
TRA	4202	12098				Required	9780077769123	Bowersox	Supply Chain Logistics Management	\$172.50			
TRA	4721	13023	3	22	66	Required	9780989490603	David	International Logistics: MGMT of International Trade	\$86.75	\$86.75	\$28.92	\$1,908.50
TRA	4340	10468	3	144	432	Required	9781465242495	Ariza	Fund of Teaching English to Speakers of Other Languages	\$120.00	\$176.60	\$58.87	\$25,430.40
TSL	4340	10468				Required	9780133802450	Herrell	50 Strategies for Teaching English Language etc (w/out	\$56.60			
TSL	4340	10469	3	29	87	Required	9781465242495	Ariza	Fund of Teaching English to Speakers of Other Languages	\$120.00	\$176.60	\$58.87	\$5,121.40
TSL	4340	10469				Required	9780133802450	Herrell	50 Strategies for Teaching English Language etc (w/out	\$56.60			
TSL	4340	10470	3	30	90	Required	9781465242495	Ariza	Fund of Teaching English to Speakers of Other Languages	\$120.00	\$176.60	\$58.87	\$5,298.00
TSL	4340	10470				Required	9780133802450	Herrell	50 Strategies for Teaching English Language etc (w/out	\$56.60			
TSL	3080	10780	3	29	87	Required	9780757576270	Ariza	Why TESOL? (w/Wkbk CD)	\$95.00	\$95.00	\$31.67	\$2,755.00
TSL	3080	10781	3	24	72	Required	9780757576270	Ariza	Why TESOL? (w/Wkbk CD)	\$95.00	\$95.00	\$31.67	\$2,280.00
TSL	4324	10782	3	17	51	Required	9781465242495	Ariza	Fund of Teaching English to Speakers of Other Languages	\$120.00	\$181.60	\$60.53	\$3,087.20
TSL	4324	10782				Required	9780134057293	Herrell	50 Strategies for Teaching English Language etc (w/PA	\$61.60			
TSL	3080	10837	3	114	342	Required	9780757576270	Ariza	Why TESOL? (w/Wkbk CD)	\$95.00	\$95.00	\$31.67	\$10,830.00
TSL	4340	13185	3	72	216	Required	9781465242495	Ariza	Fund of Teaching English to Speakers of Other Languages	\$120.00	\$176.60	\$58.87	\$12,715.20
TSL	4340	13185				Required	9780133802450	Herrell	50 Strategies for Teaching English Language etc (w/out	\$56.60			
WOH	1022	10926	3	39	117	Required	9780385474542	Achebe	Things Fall Apart	\$12.00	\$264.64	\$88.21	\$10,320.96
WOH	1022	10926				Required	9780077578602	Bentley	COL5 PK (UNIV NORTH FLORIDA)WOH1021 1022:TRAD	\$193.00			
WOH	1022	10926				Required	9780816512560	Kokichi	Musui's Story	\$19.95			
WOH	1022	10926				Required	9780312157111	Marx	Communist Manifesto	\$22.75			
WOH	1022	10926				Required	9780449213940	Remarque	All Quiet on the Western Front (Rack Size)	\$6.99			
WOH	1022	10926				Required	9780374500016	Wiesel	Night (with New Preface)	\$9.95			
WOH	1022	10927	3	13	39	Required	9780205835478	Craig	Heritage of World Civilizations: Brief (w/out Access Co	\$149.25	\$214.69	\$71.56	\$2,790.97
WOH	1022	10927				Required	9780933782037	Khomeini	Islam & Revolution	\$24.95			
WOH	1022	10927				Required	9780717802180	Lenin	What Is to Be Done	\$7.50			
WOH	1022	10927				Required	9780205975631	Turner	The Heritage of World Civilizations: Brief Edition, Volu	\$32.99			
WOH	1012	11047	3	30	90	Required	9780486112671	Arnold	Bhagavadgita	\$3.50	\$234.65	\$78.22	\$7,039.50
WOH	1012	11047				Required	9780077575861	Bentley	Traditions & Encounters (w/Bind In Access)(U of N FLA	\$181.00			
WOH	1012	11047				Required	9780806138398	Christenson	Popol Vuh: Sacred Book of Maya Great Classic of Ctr	\$24.95			
WOH	1012	11047				Required	9780486277820	Dover	Bhagavadgita	\$3.50			
WOH	1012	11047				Required	9780199535699	Machiavelli	Prince (Intro Viroli)	\$6.95			
WOH	1012	11047				Required	9780141026282	Penguin Epics	Epic of Gilgamesh	\$12.00			
WOH	1012	11047				Required	9781580493888	Sophocles	Antigone	\$2.75			
WOH	1012	11048	3	18	54	Required	9780140443486	Confucius	Analects	\$12.00	\$123.95	\$41.32	\$2,231.10
WOH	1012	11048				Required	9780133843873	Craig	Heritage of World Civilizations, the, Volume 1, Books	\$92.00			
WOH	1012	11048				Required	9780451531926	Roche	Bible's Greatest Stories	\$8.95			
WOH	1012	11048				Required	9780486445694	Rodwell	Koran	\$6.00			
WOH	1012	11048				Required	9780486114842	Rodwell	The Koran	\$5.00			
WOH	1012	11688	3	38	114	Required	9780077504908	Bentley	Traditions & Encounters (TEXT ONLY)	\$204.50	\$240.25	\$80.08	\$9,129.50

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WOH	1012	11688				Required	9780393975161	Foster	Epic of Gilgamesh	\$18.75			
WOH	1012	11688				Required	9780140449150	Machiavelli	Prince	\$8.00			
WOH	1012	11688				Required	9780872205710	Sophocles	Antigone	\$9.00			
WOH	1022	12111	3	12	36	Required	9789562913638	Bastiat	Law	\$12.99	\$162.58	\$54.19	\$1,950.96
WOH	1022	12111				Choice	9780134130910	Craig	For the Heritage of World Civilizations(Access Card)	\$79.50			
WOH	1022	12111				Required	9780486406619	Equiano	Life of Olaudah Equiano, etc (Unabridged)	\$4.50			
WOH	1022	12111				Required	9780486111230	Equiano	The Life of Olaudah Equiano	\$0.99			
WOH	1022	12111				Required	9780393322101	Him	When Broken Glass Floats	\$15.95			
WOH	1022	12111				Required	9780393076165	Him	When Broken Glass Floats: Growing Up Under the Kh	\$15.95			
WOH	1022	12111				Required	9780312157111	Marx	Communist Manifesto	\$22.75			
WOH	1022	12111				Required	9780374500016	Wiesel	Night (with New Preface)	\$9.95			
ZOO	3713C	12580	4	36	144	Required	9780123750600	Deluliis	Dissection of Vertebrates (LAB)	\$59.95	\$314.70	\$78.68	\$11,329.20
ZOO	3713C	12580				Required	9780073038698	Kent	Comparative Anatomy of Vertebrates	\$254.75			
ZOO	4454C	12581	4	40	160	Required	9780881339086	Cailliet	Fishes: Field & Lab Man	\$38.95	\$311.35	\$77.84	\$12,454.00
ZOO	4454C	12581				Required	9781119103288	Helfman	The Diversity of Fishes - Biology, Evolution, and Ecolo	\$104.50			
ZOO	4454C	12581				Required	9781405124942	Helfman	Diversity of Fishes	\$148.95			
ZOO	4454C	12581				Required	9780890967676	Hoese	Fishes of Gulf of Mexico	\$18.95			
TOTALS					111,004								\$6,969,186.66

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~~preeminent state research university may require its incoming first-time-in-college students to take a six-credit set of unique courses specifically determined by the university and published on the university's website. The university may stipulate that credit for such courses may not be earned through any acceleration mechanism pursuant to s. 1007.27 or s. 1007.271 or any other transfer credit. All accelerated credits earned up to the limits specified in ss. 1007.27 and 1007.271 shall be applied toward graduation at the student's request.~~

~~(6)-(7)~~ PREEMINENT STATE RESEARCH UNIVERSITY FLEXIBILITY AUTHORITY.—The Board of Governors is encouraged to identify and grant all reasonable, feasible authority and flexibility to ensure that each designated preeminent state research university and each designated emerging preeminent state research university is free from unnecessary restrictions.

~~(7)-(8)~~ PROGRAMS OF EXCELLENCE THROUGHOUT THE STATE UNIVERSITY SYSTEM.—The Board of Governors shall ~~is encouraged to~~ establish standards and measures whereby individual undergraduate, graduate, and professional degree programs in state universities which ~~that~~ objectively reflect national excellence can be identified and make recommendations to the Legislature by September 1, 2018, as to how any such programs could be enhanced and promoted.

Section 4. Subsection (1) of section 1001.92, Florida Statutes, is amended to read:

1001.92 State University System Performance-Based Incentive.—

(1) A State University System Performance-Based Incentive shall be awarded to state universities using performance-based

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metrics adopted by the Board of Governors of the State University System. Beginning with the Board of Governors' determination of each university's performance improvement and achievement ratings for 2018, and the related distribution of the 2018-2019 fiscal year appropriation, the performance-based metrics must include 4-year graduation rates; retention rates; postgraduation education rates; degree production; affordability; postgraduation employment and salaries, including wage thresholds that reflect the added value of a baccalaureate degree; access, with benchmarks that reward institutions with access rates at or above 50 percent; and other metrics approved by the board in a formally noticed meeting. The board shall adopt benchmarks to evaluate each state university's performance on the metrics to measure the state university's achievement of institutional excellence or need for improvement and minimum requirements for eligibility to receive performance funding.

Section 5. Subsections (2), (3), and (4) and paragraph (b) of subsection (5) of section 1004.28, Florida Statutes, are amended to read:

1004.28 Direct-support organizations; use of property; board of directors; activities; audit; facilities.—

(2) USE OF PROPERTY.—

(a) Each state university board of trustees is authorized to permit the use of property, facilities, and personal services at any state university by any university direct-support organization, and, subject to the provisions of this section, direct-support organizations may establish accounts with the State Board of Administration for investment of funds pursuant to part IV of chapter 218. Beginning July 1, 2023, a state

BUDGET AND FINANCE COMMITTEE WORKSHOP

October 3, 2017



STATE UNIVERSITY SYSTEM of FLORIDA

Board of Governors

SIX-YEAR GRADUATION RATES FOR FTICs (INCLUDES FULL- AND PART-TIME STUDENTS)

	FAMU	FAU	FGCU	FIU	POLY	FSU	NCF	UCF	UF	UNF	USF	UWF	SUS SAME	SUS ANY
2005-11	39.7	41.2	43.8	41.5	.	73.7	67.9	62.1	83.5	48.8	51.7	46.4	60.2	65.1
2006-12	39.5	40.4	43.9	47.2	.	74.9	69.1	64.6	84.9	46.9	56.5	43.6	61.8	66.5
2007-13	40.8	40.1	43.2	49.8	.	76.7	65.8	66.6	86.3	48.6	63.2	41.9	63.5	68.0
2008-14	39.3	45.0	48.8	53.1	.	79.0	69.4	69.2	87.5	54.8	66.1	50.5	65.9	70.5
2009-15	38.6	48.9	43.0	56.8	.	79.4	70.5	70.1	86.5	54.0	67.8	46.7	66.2	71.0
2010-16	40.7	49.2	45.5	54.8	.	80.0	63.4	68.3	87.2	53.0	66.3	48.3	65.5	70.4
2011-17	45	51	47	57	.	80	65	71	88	56	70	43	67	72
2012-18	48	51	50	58	.	81	61	72	89	57	71	46	68	73
2013-19	51	50	53	58	.	82	62	73	89	58	72	47	69	74
2014-20	55	55	55	59	62	82	67	74	90	59	74	50	71	75
% PT CHANGE	14	6	9	4	.	2	4	6	3	6	8	2	5	5

This table reports the percentage of first-time-in-college (FTIC) students who started in the Fall (or summer continuing to Fall) term and had graduated from the same institution within six years. Source: State University Database System (SUDS). Actual data are shown in the highlighted rows, and planned/projected goals are not highlighted. The System goals are mathematically derived from the university goals. The bottom "Percent Change" row subtracts the latest actual data (rounded) from the planned out-year goal.

FOUR-YEAR FTIC GRADUATION RATES (FULL-TIME STUDENTS ONLY)

	FAMU	FAU	FGCU	FIU	POLY	FSU	NCF	UCF	UF	UNF	USF	UWF	SUS
2008-12	12	17	24	24	.	61	57	40	68	26	38	27	41
2009-13	11	20	21	28	.	62	63	40	66	26	42	27	42
2010-14	12	19	20	25	.	61	54	40	67	26	43	27	41
2011-15	13	24	21	27	.	62	57	40	68	30	48	22	43
2012-16	18	25	22	28	.	65	52	44	67	33	51	22	45
2013-17	20	26	22	31	.	66	55	45	68	34	53	26	46
2014-18	25	27	23	33	37	66	57	46	68	35	57	29	47
2015-19	30	28	30	35	37	67	59	48	70	36	59	31	50
2016-20	35	30	32	40	40	68	61	50	71	37	63	33	52
% PT CHANGE	17	5	10	12	.	3	9	6	4	4	8	11	7

This table reports the percentage of First-Time-in-College (FTIC) undergraduates who enter the institution in the Fall term (or Summer term and continue into the Fall term) and who have graduated from the same institution within four years. The State University System (SUS) includes a second graduation rate which includes all graduates within the System – including those who transfer between universities. Actual data are shown in the highlighted rows, and planned/projected goals are not highlighted. The System out-year goals are mathematically derived from the university goals. The bottom "Percent Change" row subtracts the latest actual data (rounded) from the planned out-year goal. Note: The methodology for this four-year graduation rate data has not yet been adjusted to account for program lengths that exceed 120 credit hours or students who pursue advanced graduate degrees.

BUDGET AND FINANCE COMMITTEE WORKSHOP
October 3, 2017



STATE UNIVERSITY SYSTEM of FLORIDA
Board of Governors

4YR GRAD RATES FOR PUBLIC UNIVERSITIES IN TEN LARGEST SYSTEMS

SYSTEM NAMES	UG HEADS	2009-13	2010-14	2011-15
University of California	198,866	59.4%	60.7%	61.6%
State University of New York System	160,691	47.4%	48.5%	50.1%
Arizona Board of Regents	132,986	36.9%	39.9%	42.2%
State University System of Florida	273,606	38.7%	41.0%	42.0%
University of North Carolina	180,376	37.5%	39.0%	39.6%
University of Wisconsin System	140,394	28.7%	29.0%	30.0%
The University of Texas System	169,126	28.3%	28.8%	29.6%
University System of Georgia	214,899	28.4%	28.1%	26.3%
City University of New York	146,236	21.0%	20.6%	21.3%
California State University	418,911	15.9%	16.2%	17.8%
TEN LARGEST SUBTOTAL	2,036,091	34.2%	35.3%	36.0%
NATIONAL AVERAGE	.	33.1%	34.2%	34.6%

Source: BOG-ODA staff analysis of IPEDS data, extracted 2017-09-14. In descending order based on 2011-15 rates.

4YR GRAD RATES FOR PUBLIC UNIVERSITIES IN TEN LARGEST STATES

STATE NAMES	UG HEADS	2009-13	2010-14	2011-15
Pennsylvania	223,529	41.9%	43.4%	42.7%
Florida	273,606	38.7%	41.0%	42.0%
New York	312,179	40.2%	40.6%	41.9%
North Carolina	180,376	37.5%	39.0%	39.6%
California	617,777	33.6%	34.6%	35.7%
Indiana	181,887	32.6%	34.2%	35.1%
Michigan	232,397	34.3%	34.1%	34.8%
Ohio	231,918	33.8%	34.8%	33.6%
Texas	502,385	27.9%	28.3%	28.3%
Georgia	214,899	28.4%	28.1%	26.3%
TEN LARGEST SUBTOTAL	2,970,953	34.6%	35.5%	35.7%
NATIONAL AVERAGE	.	33.1%	34.2%	34.6%

Source: BOG-ODA staff analysis of IPEDS data, extracted 2017-09-14. In descending order based on 2011-15 rates.

Metrics with Scores Significantly Above Benchmark

	Metric 3		Metric 4		Metric 5		Metric 6		Metric 7		Metric 8a		Number of Highlights	
	Net Tuition & Fees per 120 Credit Hours		Six Year Graduation Rate (Full-Time and Part-Time FTIC)		Academic Progress Rate (2nd Year Retention with GPA Above 2.0)		Bachelor's Degrees Awarded in Areas of Strategic Emphasis		University Access Rate (Percent of Undergraduates with a Pell-Grant)		Graduate Degrees Awarded in Areas of Strategic Emphasis			
	Excellence		Excellence		Excellence		Excellence		Excellence		Excellence			
	10 Point Benchmark		10 Point Benchmark		10 Point Benchmark		10 Point Benchmark		10 Point Benchmark		10 Point Benchmark			
	\$9,000		70%		90%		50%		30%		60%			
	Data	Score	Data	Score	Data	Score	Data	Score	Data	Score	Data	Score		
FAMU	\$12,640	6	40.7%	0	74.6%	0	48.0%	9	65.4%	10	58.2%	9	FAMU	1
FAU	\$16,540	2	49.2%	0	74.7%	0	52.7%	10	41.8%	10	59.4%	9	FAU	1
FGCU	\$18,790	0	45.5%	0	72.9%	0	47.9%	9	31.9%	10	65.3%	10	FGCU	1
FIU	\$17,180	1	54.8%	0	80.8%	2	47.7%	9	51.4%	10	58.7%	9	FIU	1
FSU	\$14,930	4	80.0%	10	90.4%	10	42.8%	7	27.7%	8	46.0%	4	FSU	1
NCF	\$5,920	10	63.4%	4	84.3%	5	45.9%	8	28.3%	8			NCF	1
UCF	\$15,280	3	68.3%	8	86.5%	7	52.0%	10	39.8%	10	63.4%	10	UCF	1
UF	\$10,660	8	87.2%	10	95.5%	10	56.9%	10	29.7%	9	70.3%	10	UF	4
UNF	\$17,260	1	53.0%	0	75.4%	0	48.7%	9	32.1%	10	48.9%	5	UNF	0
USF	\$13,170	5	66.3%	7	86.1%	6	59.0%	10	41.2%	10	74.6%	10	USF	3
UWF	\$16,340	2	48.3%	0	70.1%	0	49.5%	9	41.3%	10	44.0%	3	UWF	1

Metrics 4, 5, 6, 7 and 8a: scores with 5 or more percentage points above the benchmark recived a highlight.

Metrics 1 and 2 did not have scores significantly above the benchmarks.

Senate Bill 2 sets provisions for the access metric to have benchmarks that reward institutions with access rates at or above 50%. This is a review of metrics with scores significantly above benchmarks.



Performance Funding: Board of Governors Metrics

BACHELOR'S DEGREES WITHOUT EXCESS HOURS

	FAMU	FAU	FGCU	FIU	POLY	FSU ¹	NCF ¹	UCF	UF ¹	UNF	USF	UWF	SUS
2012-13	31.4	71.3	71.9	65.5	.	75.1	.	67.0	74.4	69.4	58.2	65.2	66.8
2013-14	34.0	72.9	72.3	67.6	.	73.9	.	66.9	77.3	71.1	63.9	72.8	68.5
2014-15	29.0	74.6	75.9	68.9	.	78.2	35	69.2	79.8	71.9	65.8	75.8	71.2
2015-16	28.3	73.2	75.6	69.1	.	78.7	76.9	66.3	80.3	71.7	75.6	80.5	71.6
2016-17	35	74	77	70	.	.	.	68	.	73	78	80	74
2017-18	40	76	78	71	.	.	.	69	.	74	78	80	74
2018-19	50	78	79	72	.	.	.	70	.	75	79	80	75
2019-20	60	80	80	72	.	.	.	71	.	76	80	81	76

This table reports the percentage of baccalaureate degrees awarded within 110% of the credit hours required for a degree based on the Board of Governors Academic Program Inventory. Actual data are shown in the highlighted rows, and planned/projected goals are not highlighted. The System goals are mathematically derived from the university goals. Note 1: FSU, NCF and UF data are provided for context, but Excess Hours is not one of their PBF metrics.

FACULTY AWARDS

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
FSU	7	9	11	7	2	7	8	9	10	11
UF	22	22	18	20	15	21	25	26	27	28

This table reports the number of awards that faculty have earned in the arts, humanities, science, engineering and health fields as reported in the annual 'Top American Research Universities' report. Twenty-three of the most prominent awards are considered, including: Getty Scholars in Residence, Guggenheim Fellows, Howard Hughes Medical Institute Investigators, MacArthur Foundation Fellows, National Endowment for the Humanities (NEH) Fellows, National Medal of Science and National Medal of Technology, Robert Wood Johnson Policy Fellows, Sloan Research Fellows, Woodrow Wilson Fellows, to name a few awards. Source: Center for Measuring University Performance, Annual Report of the Top American Research Universities (TARU). Actual data is shown in the highlighted columns, and planned/projected data are not highlighted.

NUMBER OF SELECT PUBLICATIONS WITH TOP 50 RANKINGS

	2013	2014	2015	2016	2017	2018	2019	2020	2021
NCF	5	5	5	5	5	5	5	5	5

This metric reports the number of Top 50 university rankings that NCF earned from the following BOG approved list of publications: US News and World Report, Forbes, Kiplinger, Washington Monthly, Center for Measuring University Performance, Times Higher Education World University Rankings, QS World University Ranking, and the Academic Ranking of World Universities. Source: Board of Governors staff review. Actual data is shown in the highlighted column, and planned/projected data are not highlighted.

Metric 10 - Board of Trustee Choice Metrics											
Florida Agricultural & Mechanical University											
EXCELLENCE											
Points		10	9	8	7	6	5	4	3	2	1
Metric Title											
1	Total Degrees Awarded (Bachelor's and Graduate)	2,500	2,369	2,238	2,108	1,977	1,846	1,715	1,584	1,454	1,323
	<i>Improvement</i>	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
2	4-Year Graduation Rates for Transfers with AA Degrees from FCS	68%	66%	65%	63%	61%	60%	58%	56%	55%	53%
	<i>Improvement</i>	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
3	Number of FCS Transfers with AA Degrees (Headcount Enrollment)	804	782	760	738	716	694	671	649	627	605
	<i>Improvement</i>	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%

Current Metric 10: Percent of R&D Expenditures Funded from External Sources

Trend Data

1	Total Degrees Awarded (Bachelor's and Graduate)	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17*
		2070	2166	2172	2091	2279	2173

2	4-Year Graduation Rates for Transfers with AA Degrees from FCS	2008-12	2009-13	2010-14	2011-15	2012-16	2013-17*
		63%	61%	57%	56%	62%	64%

3	Number of FCS Transfers with AA Degrees (Headcount Enrollment)	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
		654	608	605	617	749

*Preliminary Data

Metric 10 - Board of Trustee Choice Metrics											
Florida Atlantic University											
		EXCELLENCE									
Points		10	9	8	7	6	5	4	3	2	1
Metric Title											
1	Bachelor's Degree Awarded to Minorities*	47.5%	47.0%	46.5%	46.0%	45.5%	45.0%	44.5%	44.0%	43.5%	43.0%
	<i>Improvement</i>	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
2	Percent of Undergraduate FTE in Distance Learning Courses	22%	21%	20%	19%	18%	17%	16%	15%	14%	13%
	<i>Improvement</i>	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
3	Total Research Expenditures	\$34M	\$33M	\$32M	\$31M	\$30M	\$29M	\$28M	\$27M	\$26M	\$25M
	<i>Improvement</i>	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%

*Current Metric 10: Bachelor's Degrees Awarded to Minorities

Trend Data

1	Bachelor's Degree Awarded to Minorities	2011-12	2012-13	2013-14	2014-15	2015-16
		42.0%	42.0%	43.8%	45.2%	45.6%

2	Percent of Undergraduate FTE in Distance Learning Courses	2011-12	2012-13	2013-14	2014-15	2015-16
		7%	9%	10%	11%	19%

3	Total Research Expenditures	2011-12	2012-13	2013-14	2014-15	2015-16
		\$65 M*	\$24 M	\$23 M	\$21 M	\$27 M

*FAU revised their methodology in 2012-13

Proposed Metric 10 - Board of Trustee Choice Four Options											
Florida Gulf Coast University											
EXCELLENCE											
Points		10	9	8	7	6	5	4	3	2	1
Metric Title											
1	Bachelor's degrees awarded annually to minorities (African American and Hispanic)*	645	620	595	570	545	520	495	470	445	420
	<i>Improvement</i>	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
2	Bachelor's degrees awarded	2550	2500	2450	2400	2350	2300	2250	2200	2150	2100
	<i>Improvement</i>	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
3	Total research expenditures (in millions)	\$11	\$10	\$9	\$8	\$7	\$6	\$5	\$4	\$3	\$2
	<i>Improvement</i>	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%

*Current Metric 10: Bachelor's degrees awarded annually to minorities (African American and Hispanic)

Trend Data

1	Bachelor's degrees awarded annually to minorities (African American and Hispanic)	2012	2013	2014	2015	2016
	Current Metric 10	307	427	452	504	549

2	Bachelor's degrees awarded	2011-12	2012-13	2013-14	2014-15	2015-16
		1,744	1,875	1,864	2,062	2,331

3	Total research expenditures (in millions)	2011-12	2012-13	2013-14	2014-15	2015-16
		\$14	\$15	\$10	\$9	\$7

Metric 10 - Board of Trustee Choice Metrics											
Florida International University											
		EXCELLENCE									
Points		10	9	8	7	6	5	4	3	2	1
Metric Title											
1	Number of Post-Doctoral Appointees	240	230	220	210	200	190	180	170	160	150
	<i>Improvement</i>	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
2	Average GPA of Incoming Freshmen	4.05	4.00	3.95	3.90	3.85	3.80	3.75	3.70	3.65	3.60
	<i>Improvement</i>	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
3	Total R&D Expenditures in Millions	\$200	\$190	\$180	\$170	\$160	\$150	\$140	\$130	\$120	\$110
	<i>Improvement</i>	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%

Current Metric 10: Bachelor's Degrees Awarded to Minorities

Trend Data

1	Number of Post-Doctoral Appointees - A postdoctoral researcher has recently earned a doctoral (or foreign equivalent) degree and has a temporary paid appointment to focus on specialized research/scholarship under the supervision of a senior scholar.	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
		55	49	64	75	211

2	Average GPA of Incoming Freshmen	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
		3.7	3.8	3.9	3.9	3.9

3	Total R&D Expenditures in Millions from the NSF-HERD Report	2011-12	2012-13	2013-14	2014-15	2015-16
		\$118	\$128	\$133	\$163	\$171

Metric 10 - Board of Trustee Choice Metrics											
Florida State University											
		EXCELLENCE <i>(Achieving System Goals)</i>									
Points		10	9	8	7	6	5	4	3	2	1
Metric Title											
1	Percent of Bachelor's Graduates who took an Entrepreneurship Class	10.0%	9.0%	8.0%	7.0%	6.5%	6.0%	5.7%	5.5%	5.3%	5.1%
	Improvement: Percent gain over prior year (Current % - Prior % / Prior %)	10.0%	9.0%	8.0%	7.0%	6.0%	5.0%	4.0%	3.0%	2.0%	1.0%
2	Four-Year Graduation Rate for FTIC Pell Students	65%	62%	60%	58%	56%	54%	54%	52%	51%	50%
	Improvement: Percent gain over prior year (Current % - Prior % / Prior %)	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
3	Percent of Undergraduates Engaged in High-Impact Experiential Learning per Year	9.0%	7.8%	7.0%	6.5%	6.0%	5.5%	5.0%	4.5%	4.0%	3.5%
	Improvement: Percent gain over prior year (Current % - Prior % / Prior %)	10.0%	9.0%	8.0%	7.0%	6.0%	5.0%	4.0%	3.0%	2.0%	1.0%

Current Metric 10: National Rank Higher than Predicted by the Financial Resources Ranking Based on a US and World News Report

Trend Data					
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1	Percent of Bachelor's Graduates who took an Entrepreneurship Class	2012-13	2013-14	2014-15	2015-16	2016-17
		2.7%	4.1%	5.4%	5.7%	7.6%

2	Four-Year Graduation Rate for FTIC Pell Students	2008-09	2009-10	2010-11	2011-12	2012-13
		59.0%	57.0%	53.0%	53.0%	55.0%

3	Percent of Undergraduates Engaged in High-Impact Experiential Learning per Year	2012-13	2013-14	2014-15	2015-16	2016-17
		5.71%	5.45%	5.76%	6.10%	6.76%

Metric 10 - Board of Trustee Choice Metrics											
New College of Florida											
		EXCELLENCE									
Points		10	9	8	7	6	5	4	3	2	1
Metric Title											
1	Percent of alumni donors	17%	16%	15%	14%	13%	12%	11%	10%	9%	8%
	<i>Improvement</i>	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
2	Percent of undergraduate transfer students	15.5%	14.0%	12.5%	11.0%	9.5%	8.0%	6.5%	5.0%	3.5%	2.0%
	<i>Improvement</i>	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
3	Percent of graduates completing 3+ types of high-impact practices at New College	40%	36%	32%	28%	24%	20%	16%	12%	8%	4%
	<i>Improvement</i>	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%

Current Metric 10: Percent of Undergraduate Seniors Participating in a Research Course

Trend Data							
1	Percent of alumni donors	2011-12*	2012-13	2013-14	2014-15	2015-16	2016-17
		20.7%	14.8%	14.9%	12.8%	14.0%	14.5%
2	Percent of undergraduate transfer students	Fall 2011	Fall 2012	Fall 2013	Fall 2014	Fall 2015	Fall 2016
		11.4%	11.0%	11.3%	12.8%	11.9%	11.3%
3	Percent of graduates completing 3+ types of high-impact practices at New College	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17
		N/A	N/A	0.7%	4.5%	22.4%	31.7%

*Note: The high donor percentage in 2011-12 was attributed to the celebration of New College's 50th anniversary.

Metric 10 - Board of Trustee Choice Metrics											
University of Central Florida											
		EXCELLENCE									
Points		10	9	8	7	6	5	4	3	2	1
Metric Title											
1	Percent of Bachelor's Degrees Awarded to African-American & Hispanic Students	37%	36%	35%	34%	33%	32%	31%	30%	29%	28%
	<i>Improvement</i>	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
2	Percent of Undergraduate FTE in Online Courses	35%	34%	33%	32%	31%	30%	20%	28%	27%	26%
	<i>Improvement</i>	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
3	Bachelor's Degrees Awarded Annually*	13,350	13,200	13,050	12,900	12,750	12,600	12,450	12,300	12,150	12,000
	<i>Improvement</i>	250	225	200	175	150	125	100	75	50	25

*Current Metric 10: Number of Bachelor's Degrees Awarded Annually

Trend Data

1	Percent of Bachelor's Degrees Awarded to African-American & Hispanic Students	2011-12	2012-13	2013-14	2014-15	2015-16*	2016-17**
		26.0%	28.0%	30.0%	31.0%	33.0%	34.7%

2	Percent of Undergraduate FTE in Online Courses	2011-12	2012-13	2013-14	2014-15	2015-16*	2016-17**
		25.0%	27.0%	28.0%	30.0%	31.0%	32.7%

3	Bachelor's Degrees Awarded Annually	2011-12	2012-13	2013-14	2014-15	2015-16*	2016-17**
		11,515	12,321	12,372	12,629	12,832	13,025

*Current

**Projection

Metric 10 - Board of Trustee Choice Metrics											
University of Florida											
		EXCELLENCE									
Points		10	9	8	7	6	5	4	3	2	1
Metric Title											
1	Four-Year Graduation rates	73-75%	70-72%	67-69%	64-66%	61-63%	58-60%	55-57%	52-54%	49-51%	46-48%
	<i>Improvement</i>	1.8%	1.7%	1.6%	1.5%	1.4%	1.3%	1.2%	1.1%	1.0%	0 to .99%
2	Four-Year Minority Graduation rates	80-85%	75-79%	70-74%	65-69%	60-64%	55-59%	50-54%	45-49%	40-44%	35-39%
	<i>Improvement</i>	8.0%	6-7%	4-5%	2-3%	1.0%	0.0%	-1.0%	-2.0%	-3.0%	-4.0%
3	Capital Campaign*	100%	90%	80%	70%	60%	50%	40%	30%	20%	10%

*Proposed Metric 10 Scoring: If UF achieves 100% or more of its target in the previous fiscal year, it scores 10 points. If it achieves 90%, it scores 9 points, etc.

Current Metric 10: Number of Licenses/Options Executed Annually

Trend Data						
1	Four-Year Graduation Rate Data for the Past Five Years for Full-time students:	2007-08	2008-09	2009-10	2010-11	2011-12
		65%	67%	66%	67%	67%
2	Five Years of UF Data: 4-Year Graduation Rates for Minority Students:	2005	2006	2007	2008	2009
		54.3%	59.6%	62.4%	66.4%	64.6%
3	Confirmed Commitments for the Past Five Years:	2012-13	2013-14	2014-15	2015-16	2016-17*
		\$271 M	\$302 M	\$314 M	\$402 M	\$448 M

*Est.

Metric 10 - Board of Trustee Choice Metrics											
University of North Florida											
EXCELLENCE (Achieving System Goals)											
Points		10	9	8	7	6	5	4	3	2	1
Metric Title											
1	Percent of Undergraduate FTE in Online Courses**	21%	20%	19%	18%	17%	16%	15%	14%	13%	12%
	Improvement	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
2	Percent of Bachelor's Graduates Engaged in Internships	58%	54%	52%	50%	48%	46%	44%	42%	40%	38%
	Improvement	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
3	Number of Students Engaged in Original Scholarly Work under the Direction of a Faculty Member	*	*	*	*	*	*	*	*	*	*
	Improvement	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
*These data will be completed after the first year of instituting a record keeping system in which all students engaged in faculty directed scholarly work will enroll in a zero to 3 credit hour course carrying a specific course number associated with the specific area: e.g. BSC 3917 for Biology.											

****Current Metric 10: Percent of Undergraduate FTE in Online Courses**

Trend Data							
1	Percent of Undergraduate FTE in Online Courses	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17 Local
		6%	8%	11%	14%	16%	18.7%
2	Percent of Bachelor's Graduates Engaged in Internships	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17 Local
		41.5%	46.3%	45.9%	46.4%	47.1%	50.1%
3	Number of Students Engaged in Original Scholarly Work under the Direction of a Faculty Member	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17 Local
		*	*	*	*	*	*
*These data will be completed after the first year of instituting a record keeping system in which all students engaged in faculty directed scholarly work will enroll in a zero to 3 credit hour course carrying a specific course number associated with the specific area: e.g. BSC 3917 for Biology.							

Metric 10 - Board of Trustee Choice Metrics											
University of South Florida											
EXCELLENCE (Achieving System Goals)											
Points		10	9	8	7	6	5	4	3	2	1
Metric Title											
1(a)*	FTIC 4-Year Graduation Rate (Full-time students only)	60.0%	56.0%	52.0%	48.0%	44.0%	40.0%	36.0%	32.0%	28.0%	24.0%
	Improvement: Percent gain over prior year	1.8%	1.7%	1.6%	1.5%	1.4%	1.3%	1.2%	1.1%	1.0%	0.9%
1(b)*	FTIC 6-Year Graduation Rate (Full-time and Part-time students)	70.0%	68.8%	67.5%	66.3%	65.0%	63.8%	62.5%	61.3%	60.0%	58.8%
	Improvement: Percent gain over prior year	1.8%	1.7%	1.6%	1.5%	1.4%	1.3%	1.2%	1.1%	1.0%	0.9%
2	Percent of Graduate Degrees in STEM & Health	63%	62%	61%	60%	59%	58%	57%	56%	55%	54%
	Improvement: Percent gain over prior year	1.8%	1.7%	1.6%	1.5%	1.4%	1.3%	1.2%	1.1%	1.0%	0.9%
3	Number of Postdoctoral Appointees**	310	300	285	265	240	210	175	135	90	40
	Improvement: Percent gain over prior year	1.8%	1.7%	1.6%	1.5%	1.4%	1.3%	1.2%	1.1%	1.0%	0.9%

*Please note: Should the Florida Board of Governors elect to replace the current FTIC 6-Year Graduation Rate (FT and PT students) with this proposed FTIC 4-Year Graduation Rate (FT students only), then the USF Board of Trustees respectfully requests that the BOG consider the FTIC 6-Year Graduation Rate (FT and PT students) as USF's highest ranked replacement for the BOT Choice Metric 10 based upon the strategic importance of the annual 6-year benchmark submissions to IPEDS and its utilization in national college rankings by *US News & World Report*, *Washington Monthly*, *Forbes*, and *The Education Trust*, and because it captures student success for both part-time as well as full-time students which is essential to the diverse socioeconomic and demographic profile of the USF System student body.

****Current Metric 10: Number of Postdoctoral Appointees**

Trend Data					
1(a)	4-year graduation rate	2008-12	2009-13	2010-14	2011-15
		38%	42%	43%	48%
1(b)	6-year graduation rate (FT and PT)	2006-12	2007-13	2008-14	2009-15
		56.5%	63.2%	66.1%	67.8%
2	Percent of Graduate Degrees in STEM & Health	2011-12	2012-13	2013-14	2014-15
		46%	50%	52%	57%
3	Number of Postdoctoral Appointees	Fall 2010	Fall 2011	Fall 2012	Fall 2013
		293	304	289	321

Metric 10 - Board of Trustee Choice Metrics											
University of West Florida											
		EXCELLENCE									
Points		10	9	8	7	6	5	4	3	2	1
Metric Title											
1	NSSE Results (participation rates) in two or more “High-Impact Practices” subsections for seniors	50.0%	47.5%	45.0%	42.5%	40.0%	37.5%	35.0%	32.5%	30.0%	27.5%
	Improvement	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
2	Percent of Undergraduate FTE in Online Courses	40.0%	37.5%	35.0%	32.5%	30.0%	27.5%	25.0%	22.5%	20.0%	17.5%
	Improvement	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%
3	Percent of Bachelor’s Degrees in STEM and Health	44.0%	43.0%	42.0%	41.0%	40.0%	39.0%	38.0%	37.0%	36.0%	35.0%
	Improvement	5.0%	4.5%	4.0%	3.5%	3.0%	2.5%	2.0%	1.5%	1.0%	0.5%

Current Metric 10: Number of Undergraduate Students Aged 25 and Older Enrolled in Fall

Trend Data

1	NSSE Senior Participation in High Impact Practices (2 or more)*	2013	2014	2017
		47.4%	43.9%	42.5%

2	Percentage of Undergraduate Course On-Line FTE	2012-13	2013-14	2014-15	2015-16	2016-17
		29.3%	29.6%	28.6%	30.0%	32.9%

3	Degrees in STEM and HEALTH	2012-13	2013-14	2014-15	2015-16	2016-17
		30.7%	36.0%	37.9%	39.7%	41.2%

*The University last administered the NSSE in 2014 and decided at that time to administer it only every three years. UWF will now administer the NSSE every year.

**STATE UNIVERSITY SYSTEM OF FLORIDA
BOARD OF GOVERNORS
Facilities Committee
October 3, 2017**

SUBJECT: Public Private Partnership Guidelines

PROPOSED COMMITTEE ACTION

Discussion of potential amendments to the Public Private Partnership Guidelines.

AUTHORITY FOR BOARD OF GOVERNORS ACTION

Article IX, Section 7, Florida Constitution; Sections 1013.171, Florida Statutes

BACKGROUND INFORMATION

The initial Public-Private Partnerships Guidelines (P3 Guidelines) were approved by the Board on September 3, 2015. The Guidelines provide a conceptual framework intended to inform both the board of trustees as well as the Board of Governors with respect to key aspects useful in evaluating proposals.

The Facilities Committee was given a retrospective presentation at its March meeting on the working effectiveness of the P3 Guidelines, and suggested that Board staff work with the universities as well as Bond Finance to develop proposed amendments to improve the current process. Accordingly, a workshop was held on July 13, 2017, where Board staff, the Division of Bond Finance staff, and university staff met to discuss the Guidelines and proposed changes. The draft amendments reflect possible changes in language to address certain concerns that have surfaced in the course of implementing the P3 Guidelines.

The proposed amendments for discussion are:

Increase restrictions on use of the LLC exception

Current state: Section II, (c), "Projects not subject to the Guidelines" contains an exemption for certain transactions between a limited liability company (LLC) in which the university and/or DSO is a controlling member or manager and a private party. The provision permits an LLC to enter into a transaction with a private party for financing and construction of a facility without Board approval where the real property involved is not owned by the university or by

the state and leased to the university, and the property is not on-campus or next to campus.

Proposed Amendment: Modify the LLC exemption to require Board approval if the university intends to be a tenant in the off-campus project occupying more than 10% of the gross square footage of the facility to be constructed. The proposed amendment will also require the university to provide the Board staff and the Division of Bond Finance staff with a copy of the Invitation to Negotiate or other solicitation document used by the university to seek a private partner.

Rationale: The LLC exception was intended to allow certain development to occur within narrowly tailored parameters where the university was not financially at risk. It was not intended to allow indirectly for the creation of new space for university academic or research purposes. The proposed amendment will make any transaction where the university or DSO seeks to lease more than 10% of the gross square footage of the facility subject to Board approval. The proposed amendment will also require the university or DSO to submit additional information for staff review of all LLC transactions.

Clarifies that market demand testing is permissible

Current state: Universities have authority to conduct pre-solicitation conferences or Request for Information solicitation activities. However, the P3 Guidelines are silent regarding these activities.

Proposed Amendment: Spells out the pre-solicitation activities and makes clear that, though not required, these tools may be used to explore the market and receive input from the vendor community. The proposed amendment will also require information used as part of the pre-solicitation procedure to be provided with any eventual request for P3 approval.

Rationale: Clarifies that pre-solicitation fact-finding is a permitted activity which may assist universities with determining the feasibility of moving forward with a proposed P3 transaction. This is developing as a national best practice for P3s.

Clarifies lease term

Current state: Section V, (k), provides that the term of any lease agreement may not exceed forty (40) years **or** the life expectancy of the facility.

Proposed Amendment: Establishes that 40 years is not a bright line test, but an analytical threshold. Clarifies that for student life projects, the lease term may not exceed the life expectancy of a facility which is fifty (50) years as established in section 1013.64, Florida Statutes. However, all leases in excess of forty (40) years will still require a demonstration of benefits for any term exceeding 40. For other projects (non-student life), the proposed amendment will require the lease term to be supported by information establishing the expected useful life of the facility based on industry practice for the proposed type of facility.

Rationale: Experience over the past two years indicates that a 50 year term for student life facilities, which is the current P3 life expectancy for such projects, is the industry expectation. Terms shorter than 50 years do not reduce the private partner return on investment; rather, the shorter term increases student rates over the life of the project, and reduces yield of the university share of the project revenues. For non-student life facilities, a requirement to demonstrate industry practice for the proposed facility type is proposed.

Eliminates the advance approval process

Current state: In section VI, the P3 Guidelines provide for an advance approval process for P3 projects and sets out the procedures to follow.

Proposed Amendment: Eliminate the advance approval process.

Rationale: Since the effective date of the P3 Guidelines, only one project has been submitted for advance approval. Board staff found the process impractical since enough information was not available to properly evaluate the project and the project ultimately was required to go through the full approval process.

Increases university disclosure requirements

Current state: The P3 Guidelines currently require a “summary of key terms” of the lease as a required document. The P3 Guidelines don’t specify when a university P3 solicitation, such as an Invitation to Negotiate (ITN), must be provided to Board and Division of Bond Finance staff.

Proposed Amendment: Requires that a full draft lease be required in place of the “Summary of key terms” and that a copy of the ITN be provided at the time is it publicly posted.

Rationale: Contract review cannot take place without the contract in hand and it has been our experience that a summary of key terms is insufficient. In practice, ITN notification has varied widely; this will standardize university submission expectations.

Supporting Documentation Included: Draft Revised Guidelines

Facilitators/Presenters: Mr. Kinsley



PUBLIC-PRIVATE PARTNERSHIP GUIDELINES

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DRAFT

I. PURPOSE OF GUIDELINES

Section 1013.171(1), Florida Statutes, authorizes each university board of trustees to negotiate and enter into agreements to lease real property under its jurisdiction to non-profit and for-profit corporations registered by the Secretary of State to do business in this state, for the purposes of erecting thereon facilities and accommodations necessary and desirable to serve the needs and purposes of the university, as determined by the system-wide strategic plan adopted by the Board of Governors. Section 1004.28(6), Florida Statutes, specifies that agreements by a DSO to finance, design and construct, lease, lease-purchase, purchase, or operate facilities are likewise subject to the provisions of sections 1013.171 and 1010.62, Florida Statutes. With regard to property that is owned by a direct support organization (DSO), section 1013.171(3) requires that the university board of trustees obtain a long-term lease from the DSO prior to construction of educational facilities. A long-term lease is defined as the greater of 40 years or the useful life of the facility.

The purpose of these guidelines is to provide: (i) a structure for the universities and university DSO to use in evaluating certain transactions with private third parties that will result in the construction of facilities for the use and/or benefit of a university, its students, faculty or staff, and (ii) the process for approval of such transactions. Monetization of existing university facilities is not permitted under these guidelines absent specific legislative authorization.

II. DEFINITIONS

As used in these Guidelines, the term:

(a) "Facility" means a building or other facility and related improvements (but not landscaping or appurtenances alone) that: (i) is for purposes related to the housing, transportation (including parking), health care, research or research-related activities, food service, retail sales or student activities of the university or, if authorized by specific legislation, hotels, convention centers, stadiums or other facilities; (ii) is being constructed primarily for use by the university and/or its students, faculty, or staff; and (iii) is located on land under the jurisdiction of a state university, including property leased from the Board of Trustees of the Internal Improvement Trust Fund.

(b) "Public-Private Partnership" or "P3" means an agreement or agreements between a university board of trustees, or a DSO, and a Private Party whereby the Private Party will, at least, be responsible for the construction and capital financing of a Facility.

(c) “Private Party” means a natural person, corporation, general partnership, limited partnership, joint venture, business trust, public-benefit corporation, non-profit entity, or other private business entity.

(d) “Project” means a Private Party’s construction and capital financing of a Facility on the campus of a state university or on other real property directly owned by, or under the jurisdiction of, the university or by the state and leased to the university, accomplished through a Public-Private Partnership, with the Project costs being paid for, whether up front or over time, with revenues generated by the Project or other university or DSO revenues allowable for such purpose pursuant to section 1010.62, Florida Statutes. Project costs shall include construction and financing and may also include design and/or operational costs of the Facility.

(e) “University Board” means a university’s Board of Trustees when acting as a board to review or approve a matter.

Projects not subject to the Guidelines

Notwithstanding the foregoing, the following transactions are not Projects and therefore not subject to these guidelines and may be accomplished by the universities or their DSOs in accordance with any requirements under applicable laws, regulations and Board of Governors’ and relevant university’s policies and guidelines:

(a) Any transaction where the university or the DSO will be directly responsible for repayment of any debt associated with the construction of a Facility pursuant to section 1010.62, Florida Statutes, and the Board of Governors’ Debt Management Guidelines.

(b) Any transaction where the university or DSO is hiring a Private Party to provide services including, but not limited to, management services agreements, unless such agreements involve a Private Party’s construction and financing of a new facility or facility renovations costing more than \$5,000,000.

(c) Any transaction between a limited liability company in which the university and/or DSO is a controlling member or the manager (LLC), and a Private Party for the capital financing and construction of a Facility on real property that is not directly owned by the university or by the state and leased to the university, and which is located off campus and not immediately adjacent to, or across a public way from, the university’s campus. However, the university shall notify the Board Office and the State Division of Bond Finance of any transaction contemplated by the LLC under this exception at least sixty (60) days prior to solicitation of binding agreements with the Private Party. In addition, the university shall at a minimum provide the ITN at the time it is disseminated, response of the selected vendor, and the draft lease. The

university shall provide any other relevant information requested by the Board Office or the State Division of Bond Finance. If the information raises any issues regarding the proposed Facilities, financing, activities, or operations to be conducted, then the Chancellor shall consult with the Chair of the Facilities Committee about whether to submit the proposed transaction to the Board of Governors for review. This exception does not apply in those instances where the university or a university DSO will be a tenant occupying more than 10% of the gross square footage of the Facility; in that event, the entire transaction is subject to Board of Governors approval.

(d) Any operating lease where the university or the DSO is the lessee for a building or portion thereof not on the university's campus.

(e) Any transaction involving construction of a Facility being funded solely with state fixed capital outlay appropriations or other legislative appropriation, or by those non-state source and other funds authorized pursuant to section 1013.74(2) (a), Florida Statutes, excluding lease arrangements otherwise controlled by these guidelines, or by other non-state source funds that are appropriate for use for the Project, or by both such appropriated state funds and non-state source funds.

(f) Any Project with a total cost of \$5,000,000 or less.

(g) Any Energy Performance-Based Contracts, in accordance with the provisions of section 1013.28, Florida Statutes, not to exceed \$10,000,000.

III. USE OF QUALIFIED PROFESSIONALS

The use of qualified professionals, whether in-house or external to the university or DSO, or both, is essential to the success of any Project. A university or DSO should determine that current university or DSO staff have the requisite experience to negotiate the type of Project under consideration by the university and that, if necessary, external independent financial advisors and outside legal counsel, such as bond counsel, have been retained prior to Project solicitation as described in Section IV.

IV. REQUEST FOR INFORMATION OR PRE-SOLICITATION CONFERENCE

A university may hold a pre-solicitation conference and/or issue a request for information to inform the business community of a potential opportunity, and to solicit feedback regarding the parameters and methodology of the solicitation prior to its formal release of a solicitation.

Any notice for a request for information or pre-solicitation conference should be advertised in conformance with the university's procurement announcement procedures or regulations. Neither a request for information, nor a pre-solicitation conference, are a solicitation, and a university is not required to utilize any information, nor is a vendor who responds excluded from participating in any resulting solicitation.

In the event the university uses a pre-solicitation procedure, this information should be included in any submission of materials to the Board of Governors for consideration.

IVV. PROCUREMENT PROCEDURES

(a) A university or DSO shall solicit proposals from Private Parties for the Project and provide an electronic copy of the solicitation document to the Board Office and the State Division of Bond Finance at the time it is disseminated. The solicitation should be in the form of an Invitation to Negotiate (ITN) or other procurement process to ensure the flexibility necessary to structure the Project in a manner that:

1. Is in the best interests of the university or the DSO.
2. Is for a Facility that is owned by the university or the DSO or for a Facility for which ownership will be conveyed to the university or the DSO. Removal of the Facility and restoration of the property at the option of the university or DSO by, or at the cost of, the Private Party upon the expiration or termination of the agreement may be provided to the extent permitted by law.
3. Includes a plan with adequate safeguards in place to reasonably mitigate and manage foreseeable risk of future costs or service disruptions for the university or the DSO in the event of material default or cancellation of the Public-Private Partnership. For example, restrictive covenants, recognition and subordination agreements, and/or recordation obligations, or other protections may reasonably protect the interests of the university or DSO in the Project and, if applicable, the real property owned or controlled by the university or the DSO on which the Project is located.
4. Has adequate safeguards in place to reasonably ensure that the university's or DSO's debt rating will not be adversely affected by the Project.
5. Assures an open, competitive and transparent procurement process.
6. Provides criteria and metrics to allow an objective evaluation of any competing respondents' proposals.

(b) At a minimum, the procurement process (which may be conducted in phases) should require the following information from respondents:

1. A description of the Facility, a schedule for the initiation and completion of the Facility, and the total Project cost based on the initially identified Project scope and conditions.
2. If applicable, a description of the method by which the Private Party proposes to secure the necessary property interests that are required for the Project.
3. A financing plan sufficient to determine the adequacy and expected type of revenues or assets to service the proposed debt or equity investment of the Private Party and related covenants or conditions. If the Private Party intends to use its own assets for the Project, sufficient information must be provided that substantiates the availability of the assets to be used for the Project (e.g., financial statements, etc.). For residence halls, parking facilities, and any other Facility where students will be charged a fee for use or occupancy of the Facility, an explanation of university involvement in establishing and overseeing the assessment of fees, a schedule detailing the proposed fees used to prepare pro-forma cash flows over the term of the Public-Private Partnership and the methodology, limits, and approvals for, and circumstances that would allow, increases to such fees over the term.
4. A description of the qualifications of the Private Party, the qualifications of any other entities that will provide services on the Project, and key persons who will be responsible for the Project.
5. A schedule of projected revenues, expenses, debt service, excess cash flow, the distribution of excess cash flow to the university, DSO or Private Party and the anticipated return on investment and internal rate of return to the Private Party for the term of the P3.

VI. PROJECT FEASIBILITY AND REQUIREMENTS

Prior to entering into a binding agreement for a Public-Private Partnership subject to these guidelines, the university or DSO shall consider the feasibility of the Project and have sufficient information to determine:

(a) The need for the Project in relation to other facility needs of the university and whether current or projected demand exists that is adequate in relation to the cost of the Project.

(b) The financial feasibility of the Project, including all sources of revenues necessary to fully fund the construction, operation and maintenance of the Project, together with an assessment of whether the total cost is reasonable in relation to similar facilities, taking into account the total value of the Project to meet university goals and the availability or unavailability of any lower-cost means to achieve the same total value, and for student facilities, such as housing, that costs to the student have been considered. To the extent the Project contemplates the payment of funds by the university or DSO in connection with required Project costs, such as debt service, utilities, or maintenance, then such revenues are subject to the revenue restrictions of section 1010.62, Florida Statutes, and applicable Debt Management Guidelines. If the Project contemplates mixed uses (e.g., housing, parking, retail sales, food service, etc.), the financial feasibility analysis should consider whether a functional relationship exists between the various uses, while not inequitably shifting additional costs to students if the Project entails student use.

(c) The cost of any services to be provided by the university or the DSO in relation to the Project.

(d) The effect, if any, of the Project on the university's or DSO's credit rating. If any debt of the University or DSO (direct or imputed by a rating agency) is being used to finance the Project, provide an explanation as to the effect, if any, of the Project on debt previously issued and an analysis of the impact, if any, on the financial performance of similar auxiliary enterprises and why the Project is not being included as a part of the existing auxiliary enterprise system.

(e) The percentage equity in the Project by the Private Party in relation to total Project costs, and the credit quality of all debt associated with the Project, including any public or indicative ratings provided by any rating agency.

(f) The projected revenues to be received by the university or DSO over the term of the agreement if the Project is revenue-generating, and the proposed use(s) of those revenues. For revenue-generating Projects utilizing debt, the projected revenues should provide a coverage ratio of 1.20x projected debt service during the first full year of Project operations and each subsequent year. If a coverage ratio of 1.20x is not projected to be achieved, a justification should be provided as to why the proposed debt does not meet this coverage ratio. If the Project only meets the required 1.2x debt service coverage ratio due to the deferral of debt repayment beyond the construction term of the Facility or using ascending debt service to reduce initial debt service payments, a

justification should be provided as to why the structure does not comply with the Board's Debt Management Guidelines.

(g) The provision of an adequate reserve fund for expenses relating to operations, maintenance and renewal or replacement, if applicable.

(h) Any material economic, operational, or technological risks associated with the Project.

(i) Whether the Private Party has the available sources of funding or other financial resources that are necessary to carry out the Project.

(j) That the Private Party has sufficient staff with the necessary experience and qualifications to perform the construction activities and any operational, managerial, or technical services for the Project.

(k) For student life Projects (such as student housing or student parking), the term of any lease agreement associated with a Facility shall not exceed forty (40) years, or the life expectancy of the Facility, and shall include consideration for eventual ownership of the Facility by the university or DSO. As a practical consideration, the university shall provide a summary of its ownership interests in the property, including if applicable, the remaining term on the lease from the state. In making the determination of the life expectancy of the Facility, the standard fifty (50) year assumption found in section 1013.64 (1)(a), Florida Statutes, may be used, if the Facility is being constructed in conformity with university construction standards and codes. However, aAny lease term in excess of forty (40) years requires an analysis to demonstrate the benefits, including the additional cash flow distributions to the university, the DSO and the Private Party of the longer term period when compared to a 40 year term. The analysis shall also include a comparison of the return on investment and internal rate of return to the Private Party under a 40 year lease to the longer term. All other Projects require an analysis indicating that the lease term is reasonable based on industry norms; however, in no case may a lease exceed 99 years. As a practical consideration for all Projects, the university shall provide a summary of its ownership interests in the property, including if applicable, the remaining term on the lease from the state.

(l) The term of the debt should not exceed thirty (30) years, exclusive of the time required for construction of the Facility.

VII. APPROVAL PROCESS AND REQUIRED INFORMATION

All Projects that are subject to these guidelines must be approved by the university board of trustees and the Board of Governors. The Board of Governors and the State Division of Bond Finance should be notified when a Project is contemplated by the university to come before the trustees for consideration.

In advance of entering into binding agreements for a Project that is subject to these guidelines, a university or DSO shall obtain approval by the Board of Governors. ~~Approval can be requested either prior to soliciting competitive bids or proposals for a Project if the university or DSO provides all necessary information to enable the Board of Governors to reach a determination, or at the conclusion of the negotiation process with the Private Party.~~

~~For Projects receiving advance approval from the Board of Governors, the university or DSO shall submit the final draft agreement with the Private Party and a certification to the Chancellor's Office at the conclusion of the negotiation process with the Private Party, but prior to the university or DSO entering into a binding agreement(s), that either: (i) affirms the final Project agreement(s) is within the parameters previously approved by the Board of Governors, or (ii) provides an explanation of the areas where the Project agreement(s) departs from those parameters. If the certification affirms the final Project agreement(s) is within the parameters previously approved by the Board, no further action of the Board is required unless the Chancellor, in consultation with the State Division of Bond Finance, within ten (10) business days of receiving the university or DSO's submission, concludes the final Project Agreement(s) is outside the scope of the prior approval. In that event, or if the certification indicates a departure from the prior approval, the final Project agreement(s) will be submitted to the Board of Governors for consideration.~~

(a) For Projects that are subject to these Guidelines, the following Project information is required to be submitted to the Board Office and to the State Division of Bond Finance no later than ninety (90) days prior to the meeting at which the issue could be considered by the Board of Governors. Universities may provide the information in advance of the competitive procurement process, or at any stage during the procurement process ~~if seeking prior approval:~~

1. Evidence of approval of the Project by the university board of trustees for both university and DSO projects, and by the DSO board for DSO projects, or the dates on which all such required approvals have been scheduled and noticed. ~~For advance approval, evidence that the university board of trustees or DSO has approved the parameters of the Project and will be responsible for reviewing and approving the final Project prior to the university or DSO entering into binding agreement(s) for the Project, and the names and qualifications of any external legal and financial experts who will advise the university or DSO.~~

2. The Facility Program, feasibility studies or consultant reports (if available), and any financial studies or analysis of the financial feasibility of the Project, including the impact of the Project on similar activities of the university.
3. An analysis that provides the quantitative metrics justifying the need for the construction of the Project.
4. A copy of the proposed agreement(s) ~~or a statement of key terms of the proposed agreement(s)~~ with the Private Party, and letter from legal counsel describing, with particularity, the provisions in the agreement(s) that are designed to protect the university or the DSO in the event of a material default by the Private Party. ~~If seeking advance approval, information must be submitted explaining the key terms of the proposed agreement(s) including: (i) the maximum term of the lease and the term of the debt, and provisions designed to protect the university or the DSO in the event of a material default; (ii) a description of financing options and parameters; (iii) what will be required of the Private Party to demonstrate the ability to obtain financing and, if applicable, service the Project; (iv) the type of experience and qualifications the Private Party and its key personnel should possess; (v) the anticipated schedule for solicitation, negotiation, design and construction; (vi) a statement whether the university or DSO will own the Facility upon the end of the term or may have an option to require the Private Party to remove the Facility at its own expense; (vii) a statement explaining options for addressing maintenance and repairs of the Facility; (viii) projections showing anticipated revenues, expenses, debt service, excess cash flow, and the expected return on investment and internal rate of return to the Private Party for the term of the Project; (ix) and an explanation of university or DSO involvement, methodology, limits, or controls in approving initial and future fees or rental rates if student fees or rental rates are a source of revenue for the Project, including a description of the parameters applicable to such fees or rental rates (e.g., not more than X% above the cost of comparable existing facilities or existing fees).~~
5. An analysis calculating the expected rate of return for a revenue-generating Project or other appropriate quantitative metrics, and the anticipated uses of any revenues returned to the university or DSO.
6. Information demonstrating the provision of an adequate reserve fund for expenses relating to operations, maintenance and renewal or replacement, if applicable.

7. A cost benefit analysis showing that the P3 methodology is a cost effective method of delivering the Project that provides the best value to the university or DSO, taking into account the availability or unavailability of other funding sources, including: (i) the cost of tax-exempt financing; (ii) the costs of constructing, operating and financing the Project; (iii) any quantifiable savings in operational or other costs; (iv) the benefits to be realized by the university or DSO by using the P3 methodology; (v) and, if the Project will be primarily utilized by students, the cost-benefit to the student that considers the cost of existing campus and market options as compared to the Project and the value added to students in amenities or other material aspects of the Project. A value for money analysis, or other such analysis used by the university in reaching this conclusion may be included.
8. Projected cash flow analyses showing revenues, expenses, debt service, excess cash flow, the distribution of excess cash flow to the university, DSO or Private Party and return on investment and internal rate of return to the Private Party for the term of the Project. The projected cash flow should include any anticipated or planned refinancings by the Private Party and how any such refinancing will affect cash flow distributions to the university, DSO or Private Party and the internal rate of return or return on investment to the Private Party.
9. A description of any purchase option, how the purchase option for the Facility was developed, and the price and terms of the purchase under the option if known at the time the Project agreements are signed, or if not known unless and until the option is later exercised, the methodology for determining the price and terms of the purchase at that time and anticipated funding plan.
10. An explanation of how the Project is consistent with the strategic priorities and mission of the university, with appropriate references to both the university strategic plan and mission statement.
11. A statement that the Project is included in the campus master plan, or is not required to be included in the campus plan, with appropriate references and documentation. The specific location of the Project shall be provided on the current campus map if located on campus.
12. A description of any amounts to be paid to the Private Party by the university or DSO, the purpose of the payment, and the timing and source(s) of revenues for such payment. In addition, an explanation of

whether the university or DSO intends to fund any aspect of the Project, and if so, an explanation of the purpose, timing and the source(s) of revenues to be used.

13. A description of any liens or other encumbrances that will be placed on real property owned by the state, university, or DSO.
14. All other information provided to and relied upon by the university board of trustees in making the decision to approve the Project and enter into the agreement as outlined in Section V above; and any other data that the university wishes to be considered by the Board of Governors or Board staff.
15. Identify whether the university or DSO is following the authority provided by section 1013.171 (1), or section 1013.171 (2), or section 1013.171 (3), Florida Statutes.
16. Any other information reasonably requested by the Board of Governors or the State Division of Bond Finance.

(b) The foregoing information shall be submitted to the Board office and the State Division of Bond Finance in duplicate, hard copy, and bound in a three-ring binder, together with one electronic copy. The formal letter of transmission must be signed by the official point of contact for the university or DSO, ~~and specify the type of approval being sought, e.g., regular or advance approval.~~ The letter will identify the legal counsel for the university or DSO, the financial advisor for the university or DSO, and other university or DSO officials as appropriate. All private and public partners will be identified, including contact information, and the source of financing will be identified, ~~unless seeking advance approval.~~

(c) The information shall be analyzed by Board of Governors staff and by the State Division of Bond Finance. The Board of Governors staff will consult with the State Division of Bond Finance in reaching a recommendation regarding Board of Governors' approval made in sufficient time for consideration of the Project at the Board of Governors' meeting ninety (90) days following submission by the university or DSO. Should the State Division of Bond Finance disagree with any recommendation of the Board of Governors staff or suggest that any additional information be presented to the Board of Governors, such recommendations or information shall be included with the recommendation provided by the Board of Governors staff to the Board of Governors. Any material amendments to the submission by the university or the DSO after university board of trustees' approval may require re-authorization by the respective boards. The ninety (90) day period in this clause and the following clause may be reduced if the university has kept the Board of Governors' staff and State Division of

Bond Finance well informed of the Project and associated material terms in advance of the submission, in which event the Board of Governors staff and State Division of Bond Finance may reasonably agree with the university on a shorter review period in support of the commercial feasibility of the Project. Supporting documentation shall also include a draft resolution to be adopted by the Board of Governors approving the Project and any associated transactions as necessary.

(d) The Board of Governors will consider the following factors in connection with its review and approval of the Project and proposed agreement(s):

1. The Project is necessary to fulfill a need of the university, is consistent with the university's mission and master plan, and is in the best interests of the university.
2. The Project information supports the need, demand, and cost of the Project, and demonstrates that the Project is both financially and operationally a prudent undertaking by the university or DSO, in light of the objectives of the university.
3. The proposed agreement(s) contain adequate recourse for the university or the DSO in the event of a material default by the Private Party.
4. The cost to students, if it is a Project that entails student use, in order to keep the cost of education affordable.
5. The material business terms of the Public Private Partnership, including the distribution of any excess cash flow from the Project to the university, DSO or Private Party and the reasonableness of the related return on investment and internal rate of return.
6. The nature of the auxiliary enterprise and its impact on any existing university or DSO enterprise or system.
7. Any other factors which the Board of Governors determines are appropriate to consider in reaching a decision on any issue relating to the review and approval of the Project and the proposed agreement(s).

(e) Any real property lease or use agreement involving real property owned by the Board of Trustees of the Internal Improvement Trust Fund must receive approval from the Board of Trustees of the Internal Improvement Trust Fund to the extent required by law or by the university's master lease agreement with the Board of Trustees of the Internal Improvement Trust Fund.

(f) If circumstances exist such that the university or DSO contemplate any material change in the terms of the Project Agreement after a Project receives Board of Governors' approval, the university or DSO must notify the Board Office and the State Division of Bond Finance within ten (10) business days and in any event, prior to entering into a binding amended agreement with the Private Party. If the change in terms raises any issues regarding the proposed Facilities, financing, activities, or operations to be conducted, the Chancellor shall consult with the Chair of the Facilities Committee about whether to re-submit the proposed transaction to the Board of Governors for further review and approval. In addition, if a material change in terms is contemplated by the university or the DSO at any time after the Project Agreement has been executed, the university or DSO shall notify the Board of Governors staff and the State Division of Bond Finance prior to amending the Project Agreement.

VIII. TERMS OF THE AGREEMENT

Depending on the risks presented to the interests of the university or DSO and the type of Project, taking into account the location (on or off campus), purpose, and effect of disruption to use of the Facility (for example, the severity of effects of disruption to a parking facility, office, or dormitory, may be different), any agreement with a Private Party should provide adequate provisions in relation to the risks posed, and generally should include (or have sound justification to not include) the following:

(a) Procedures that govern the rights and responsibilities of the university or DSO and the Private Party in the course of the construction, or construction and operation of the Project, and in the event of the termination of the agreement or a material default by the Private Party. The safeguards for mitigating and managing disruption of use and operations should be proportionate to the risk, including for example, if applicable, restrictive covenants, recognition and subordination agreements, and/or recordation obligations, assumption of the duties and responsibilities of the Private Party by a party that funded, in whole or part, the Project or by the board, or other protections to mitigate and manage foreseeable consequences of a material default by the Private Party of the Public-Private Partnership or the Private Party's financing. If required by section 1013.171, Florida Statutes, the agreement must provide for the transfer or purchase of property or other interests of the Private Party by the university.

(b) Review of the design of the Facility by the university or DSO and, if the design conforms to standards acceptable to the university or DSO, the approval of the university. This subparagraph does not require the Private Party to complete the design of the Facility before the execution of the agreement.

(c) Delivery of performance and payment bonds, letters of credit, or other security acceptable to the university or DSO in connection with the construction, or construction and operation of the Project, in the form and amount satisfactory to the university or DSO.

(d) Inspection rights of the Facility to ensure that the Private Party's activities are acceptable to the university or DSO in accordance with the agreement.

(e) Maintenance of general liability and property insurance by the Private Party in the form and amount satisfactory to the university or DSO and sufficient to provide reasonable coverage of tort liability to the public and employees and to enable the continued operation of the Facility.

(f) If the agreement includes operation and maintenance of the Facility by the Private Party, maintenance, repair and replacement requirements for the Facility, and monitoring and remedial rights for the university or DSO to ensure that the Facility is properly maintained.

(g) If applicable, periodic filing by the Private Party of the appropriate financial and operating information for the Project and/or Private Party, which may include financial statements and audit rights for the university or DSO, to ensure any requirements in the agreement are met.

(h) A provision that deems the Private Party's failure to fund current operational and maintenance costs if required by the agreement to constitute a material default.

(i) A provision describing all fees to be charged to users for use or occupation of the Facility, and the methodology, limits, approvals for, and circumstances that would allow for increases or decreases to such fees. Such fees should be within the range of fees customarily charged for the use or occupation of like facilities in the State University System, taking into account the purpose, amenities, and location of the Facility.

(j) A provision that outlines the responsibilities of the Private Party, including the terms and conditions that the university or DSO determine serve the best interests of the university.

(k) A provision under which each party agrees to provide notice of default and cure rights for the benefit of the other party.

(l) A provision that requires transfer of the Facility to the university or DSO at the expiration of the agreement or in the event of earlier termination of the

agreement, if required by section 1013.171, Florida Statutes, or a provision that otherwise provides for the removal of the Facility and the restoration of the real property as a university or DSO option.

(m) If the Private Party's financing for the Project is secured by a leasehold mortgage or other instrument affecting title to the Facility and the Facility is ultimately to be transferred to the university or DSO, a provision requiring the Private Party to satisfy the same at the conclusion of the term of the agreement or upon earlier termination so that Facility is transferred to the university or DSO without any such encumbrances at the conclusion of the term of the agreement or upon earlier termination.

(n) If the agreement provides to the university or DSO a purchase option at any time prior to the termination of the agreement or a termination payment, a provision describing the terms of the purchase option.

(o) A provision stating that: (i) the full faith and credit of the university, Board of Governors or State of Florida has not been pledged to secure the financing of the Private Party and (ii) if the university or DSO chooses to assume the development or operation of the Facility on account of the Private Party's default, the assumption of the development or operation of the Facility does not obligate the university or DSO to pay an obligation of the Private Party from sources other than revenues from the Facility.

(p) A provision identifying the party responsible for the payment of any property taxes on the Facility, and what entity receives the benefit of any future waiver of property taxes.

(q) A provision that the term of the Project debt should not exceed thirty (30) years after the construction period.

IXVIII. REPORTING REQUIREMENT

At a minimum, the Private Party should provide an annual report to the Board of Governors staff office and the university as soon as practical, but not more than ninety (90) days, following the close of the fiscal year. Additionally, the university will comply with any reporting requirements specified in the Project approval resolution of the Board of Governors, which shall, at a minimum, require a comparison of actual results to original projections. To the extent required by generally accepted accounting principles, information regarding any Public Private Partnership arrangement must be included in the university's or DSO's annual financial report, and such financial

information as deemed necessary by the State's Chief Financial Officer or Chancellor should be submitted in connection with submissions required by Board Regulation 9.009, Preparation of State University System Financial Statements.

IX. BOARD OF GOVERNORS POWERS

These guidelines provide a framework for review by the Board of Governors of proposals for Public-Private Partnerships involving a university or DSO. The guidelines do not limit the authority of the Board of Governors to review any proposal of a university or DSO. These guidelines do not provide a university or DSO with a legally enforceable right to have a proposal approved by the Board of Governors.

DRAFT

**STATE UNIVERSITY SYSTEM OF FLORIDA
BOARD OF GOVERNORS
Facilities Committee Workshop
October 3, 2017**

SUBJECT: Project Presentations Related to the 2018-2019 State University System
Fixed Capital Outlay Legislative Budget Request from PECO

PROPOSED COMMITTEE ACTION

Review and discuss university high priority PECO Project requests. No votes will be taken on this item.

AUTHORITY FOR BOARD OF GOVERNORS ACTION

Article IX, Section 7, Florida Constitution

BACKGROUND INFORMATION

The Board, at its meeting held on August 31, 2017, adopted a lump sum PECO budget as the initial budget request for 2018-2019. The proposed amounts are in accordance with the official estimated amounts as provided by Florida law. At today's workshop, the Committee will review selected high priority PECO projects with detailed project presentations by both university representatives and Board staff, per the attached list.

Staff plan to present the projects which are a priority 1 or 2, and which the Board has previously recommended for funding. University staff will present the other requests.

Following the workshop, a prioritized PECO project list will developed for consideration and review at the November 9, 2017 Board meeting. If adopted by the Board, this will represent the amended and final 2018-2019 FCO LBR prior to the start of the Legislative Session, January 9, 2018.

Supporting Documentation:	Presentation List
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Facilitators/Presenters:	Mr. Chris Kinsley
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STATE UNIVERSITY SYSTEM OF FLORIDA
BOARD OF GOVERNORS
Facilities Committee
2018-19 PECO Workshop Projects

PECO Projects to be presented by Board Staff-Chris				
2018-2019 Univ Priority	Univ	Project Name	2018-2019 PECO Request	Type
	SUS	Sum of Digits (Maintenance)	48,629,307	A
	SUS	Retrofit - Strategic Investment B (Utility Infrastructure)	\$121,689,738	B
1	FSU	Earth, Ocean Atmospheric Sciences (EOAS) Building (Phase I)	\$12,959,263	A
1	FAU	Jupiter STEM/Life Sciences Bldg.	\$17,893,000	A
1	USF	Morsani College of Medicine and Heart Health Institute	\$21,255,000	A
1	FAMU	Student Affairs Building (CASS)	\$21,473,149	B
1	FPU	Applied Research Center	\$22,178,613	B
1	UCF	Research Building I (formerly Interdisciplinary Research & Incubator Facility)	\$26,000,000	B
1	FGCU	School of Water Resources & Integrated Sciences	\$31,441,730	B
1	UF	Data Science and Information Technology Building	\$50,000,000	B
2	UF	Music Building Remodeling & Addition	\$7,400,000	B
2	USF	Interdisciplinary Science - Research Lab Built Out	\$9,031,204	B
2	UCF	Engineering Building I Renovation	\$17,745,473	B
2	FSU	Interdisciplinary Research Commercialization Building (IRCB)	\$27,225,899	B
		Total	\$434,922,376	

PECO Projects to be presented by University Staff				
2018-2019 Univ Priority	Univ	Project Name	2018-2019 PECO Request	Type
4	FSU	STEM Teaching Lab	\$6,766,187	D
3	FSU	College of Business	\$10,000,000	D
1	FAMU/FSU	College of Engineering - Building C	\$5,000,000	C
1	FIU	Engineering Building Phase I & II	\$53,000,000	C
2	FIU	Science Laboratory Complex	\$15,000,000	C

2	FAMU	FAMU-Infrastructure Central Plant Improvements	\$4,850,000	C
1	NCF	Multi-Purpose Building	\$4,000,000	A
1	UNF	Roy Lassiter Hall Renovations	\$4,000,000	C
2	UNF	Honors Hall Reno/Add (Coggin Business Expansion)	\$22,000,000	C
1	UWF	Central Utility Plant Switchgear Replacement	\$3,200,000	C
2	FAU	Medical Building (Charles E. Schmidt College of Medicine) Expansion	\$3,350,000	C
		Total	\$124,400,000	

Key	Description
A	Included on Board 2017-18 A List
B	Included on Board 2017-18 B List
C	University 1 or 2 Priority Projects - Not included on A or B
D	Funded by 2017 Legislature