Memorandum

To: UGCC

From: Marshall Jones, Director of CoPLA Online Programs

Date: February 19, 2020

Subject: New Major: BA Liberal Studies

CoPLA was called upon in 2018 to explore a new degree option to meet the needs of students, many with various transfer credits, whom we are currently unable to serve. The overall strategic goal was to explore a degree that meets student needs. The strategic goal of this initiative was to develop an academically rigorous program in keeping with the mission of the university that considered:

1. The volume of prospective students with a large volume of often unused transfer credits. These are often military and nontraditional potential students who often attend other schools due to high loss of actual transfer credit utility in our programs.
2. Additional opportunity to improve retention and graduation rates by offering a degree option for students that may have chosen their initial degree poorly and need a change of major option.
3. Strategically leverage underused and unused capacities we have in our online course offerings.

This memo accompanies the request to add a new major, BA Liberal Studies, to the curriculum. The proposed degree consists of 121 credits consistent with our other online UG degrees. The new degree proposal leverages existing online courses, across several disciplines, with a common liberal studies multidisciplinary core.

This proposed degree meets the goal of the new program initiative.

1. Leverage existing online courses, many underutilized, to create a viable comprehensive degree for the online population.
   a. Make earning a degree more attainable by strategically accounting for transfer credits often left unused.
   b. This program leverages existing courses, mostly BUS, CRM, and PSY, that currently have excess capacities. The impact is expected to bolster underutilized courses or increase demand in courses.
2. Build a rigorous degree with sound rationale and purpose in keeping with the mission and standards of the university.
   a. Aligns to the mission of Florida Tech states Florida Tech is committed to “providing personal and career growth opportunities for both traditional and nontraditional students and members of the faculty and staff”.
   b. Proposed degree fits the CoPLA mission which includes the promotion and development of critical thinking skills while promoting global and cultural
competencies. The B.A. Liberal Studies degree is, by design, in keeping with our mission by providing a rich and diverse curriculum that provides a strong academic foundation to develop critical thinking and global and cultural competencies.

c. Development team reviewed existing BA liberal Studies from Purdue Global, Arizona State University, Florida State University, Georgetown, Johnson and Wales, and Thomas Edison State to look for trends and explore what makes sense for our population. BA Liberal Arts programs were also explored from Regis, Harvard Extension School, Excelsior, and UMass Lowell before shifting to the liberal studies concept.

Dr. Danita Berg is the online chair for the communications and humanities courses. She will be the program chair of the BA Liberal Studies upon approval. The business plan and assessment have been approved by the appropriate university administration. The notification to SACs is being facilitated as a parallel process. Administration has indicated they would like to begin admitting students in Fall 2020 if approved.
New courses are available beginning with the fall term in which they appear in the University Catalog.

Subject: L1B  Course No.: 3000  Credit Hours: 3  Academic Year to be added to the file: Fall 2020

*Justify level if 1000-level+ and no co- or prerequisites

(eg. 1301) Introductory course requires no prior knowledge

Class Hours: 45/sem  Lecture Hours: 0/sem  Lab Hours: 0/sem  Research Hours: 0/sem  Contact Hours (CEU): N/A

Department: Online Programs

- College of Aeronautics—23
- College of Psychology and Liberal Arts—25

Schedule Type: Virtual Classroom (H)

- College of Engineering and Science—30
- Nathan M. Bisk College of Business—24

Computer Title: Foundations Lib Studies

- Restricted to 25 characters, including spaces

This course will be entered into the system as: Bi-Level  Cross-Listed  Dual-Numbered  Full-Load  None of these/Standard Listing

Catalog Title: Foundations of Liberal Studies

- Catalog Description of Course: Restricted to 350 characters, including spaces

Examines the interdisciplinary nature of liberal studies. Introduces and discusses the roles of critical and creative thinking, ethics and scholarly inquiry in liberal studies.

This description has been approved by the catalog office  Catalog & Curriculum Manager  Date 01-10-2020

In addition, please attach a course syllabus and/or more detailed description.

Restrictions:

- Prerequisite Only
- Corequisite Only
- BOTH Prerequisite/Corequisite

Grades to be issued:

- A, B, C, D, F
- A, B, C, D, F, CEU/Audit
- CEU
- S, U
- P, F
- Other

Please indicate old course information and the date/term the course may be removed from the system:

- Yes  No  Will this course be used to measure program-level student learning outcomes? If yes, review and signature required.**
- Yes  No  Will this course be used to satisfy the scholarly inquiry requirement? If yes, attach "Q" materials for review.
- Yes  No  Will this course impact any existing programs? If yes, attach "Changing Graduation Requirements" form for each program impacted.
- Yes  No  Will this course be used to satisfy the Cross Cultural (CC) requirement? If yes, attach confirmation memo from QEP2 Committee.

Approvals: On completion of description and course number verification, affix appropriate signatures as indicated and submit to the Office of Graduate Programs, or Undergraduate Curriculum Committee Chair for placement on agenda.

Originator  Date  2/17/20

Chair, Graduate Council  Date

Department Head/Program Chair  Date  2/17/20

Chair, Undergraduate Curriculum Committee  Date  2/17/20

Catalog and Curriculum Manager  Date

Registrar’s Use Only

SCARCE  SCADETL  SCAPREQ  SCABASE  ACALOG

SCARRIES  CIP Code  24.0101  Operator Init.  Date

Florida Institute of Technology • Office of the Registrar

150 West University Boulevard, Melbourne, FL 32901-6975 • 321-674-8114 • Fax 321-674-7827

RGR-384-219
Syllabus: LIB 3000: Foundations of Liberal Studies

Description: Examines the interdisciplinary nature of the Bachelor’s of Arts in Liberal Studies degree. Provides analysis and projects using MS Word to access and discuss the roles of critical and creative thinking, ethics, and research in liberal studies, and the importance of Liberal Studies in STEM fields.

Prerequisites: None


Additional readings assigned and available in Canvas.

Course Objectives:

At the end of the course, the student should be able to:

1. Present information from relevant sources representing limited points of view/approaches.
2. State a general conclusion that applies beyond the scope of initial inquiry findings (a guiding question).
3. Connect examples, facts, or theories from more than one field of study or perspective.
4. Fulfill a writing assignment that connects in a basic way what is being communicated with how it is said.
5. Follow expectations appropriate to a specific discipline and/or writing task(s) for basic organization, content, and presentation.
6. Fulfills the assignment(s) by choosing a format, language, or graphic (or other visual representation) that connects in a basic way what is being communicated (content) with how it is said (form).

Course requirements: This course includes a variety of discussion issues, readings, lectures, writing, and assessments.

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<thead>
<tr>
<th>Grading Scale</th>
<th>Total Points</th>
<th>Final Grade</th>
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<tbody>
<tr>
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LIB 3000: Foundations of Liberal Studies

Week One:

Liberal Studies: A Way to Personal Development
Reading: Ulloa Chaves, 1-10, 22-28

Week Two:

Liberal Education: A History
Reading: Ulloa Chaves, 29-49

Week Three:

Liberal Studies: Empathy and Crossovers to a “Real-World” Education
Reading: Ulloa Chaves, 50-87

Week Four:

Learning as a Change Agent
Reading: Ulloa Chaves, 88-132

First paper: Discussion of Interdisciplinary Studies, how student will position himself/herself in the Liberal Studies degree, shaping of a guiding question

Week Five:

Thinking Critically
Reading: Ulloa Chaves, 133-156

Week Six:

Thinking Creatively
Reading: Ulloa Chaves, 156-165

Week Seven:

Thinking Ethically
Reading: Ulloa Chaves, 166-175

Final paper: Guiding question shaped with use of several sources from at least two disciplines
New courses are available beginning with the fall term in which they appear in the University Catalog.

SUBJECT L I B COURSE NO.* 4100 CREDIT HOURS 3 ACADEMIC YEAR TO BE ADDED TO THE FILE Fall 2020

CLASS HOURS 45/sem LECTURE HOURS 0/sem LAB HOURS 0/sem RESEARCH HOURS 0/sem CONTACT HOURS (CEU) N/A

DEPARTMENT Online Programs
(e.g., Ocean Engineering and Marine Sciences)

COLLEGE OF AERONAUTICS—23
COLLEGE OF PSYCHOLOGY AND LIBERAL ARTS—25

SCHEDULE TYPE Virtual Classroom (H)
(e.g., Lecture, Lab or Special Topics/Project)

COLLEGE OF ENGINEERING AND SCIENCE—30
NATHAN M. BISK COLLEGE OF BUSINESS—24

COMPUTER TITLE Critical Thinking

This course will be entered into the system as: Bi-Level ☐ Cross-Listed ☐ Dual-Numbered ☐ Full-Load ☐ None of these/Standard Listing ☑

CATALOG TITLE Critical Thinking

CATALOG DESCRIPTION OF COURSE Restricted to 350 characters, including spaces

Examines the processual nature of critical thinking. Provides the tools necessary to become a sophisticated thinker. Develops higher-order thinking abilities for academic and career success, and to connect ideas with life experiences and contemporary issues.

This description has been approved by the catalog office.

Date

GRADES TO BE ISSUED

☐ A, B, C, D, F
☐ A, B, C, D, F, CEU/Audit
☐ CEU
☐ S, U
☐ P, F
☐ Other

In addition, please attach a course syllabus and/or more detailed description.

REstrictions

LIB 3000 ☐ Prerequisite ONLY ☐ Corequisite ONLY ☐ BOTH Prerequisite/Corequisite ☐ and ☐ or

Course Prefix/Number

SOC 4000 ☐ Prerequisite ONLY ☐ Corequisite ONLY ☐ BOTH Prerequisite/Corequisite ☐ and ☐ or

Course Prefix/Number

Course Prefix/Number

Course Prefix/Number

Course Prefix/Number

Course Prefix/Number

ADDITIONAL RESTRICTION ☐ and ☐ or

(e.g., Major, Class Level, Department Head Approval)

Please indicate old course information and the date/term the course may be removed from the system:

☐ Yes ☐ No Will this course be used to measure program-level student learning outcomes? If yes, review and signature required.**

☐ Yes ☐ No Will this course be used to satisfy the scholarly inquiry requirement? If yes, attach "Q" materials for review.

☐ Yes ☐ No Will this course impact any existing programs? If yes, attach "Changing Graduation Requirements" form for each program impacted.

☐ Yes ☐ No Will this course be used to satisfy the Cross Cultural (CC) requirement? If yes, attach confirmation memo from QEP2 Committee.

APPROVALS: On completion of description and course number verification, affix appropriate signatures as indicated, and submit to the Office of Graduate Programs, or Undergraduate Curriculum Committee Chair for placement on agenda.

Date

Chair, Graduate Council

Date

Chair, Undergraduate Curriculum Committee

Date

CATALOG & CURRICULUM MANAGER

These changes/additions have been made for the University Catalog and entered into the BANNER term named above.

Date

Catalog & Curriculum Manager

REGISTRAR’S USE ONLY

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SCARRRES CIP Code 24.0101 Operator Init. Date

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RGR-384-219
LIB 4100: Critical Thinking

Week One:

Thinking and Living Creatively
Reading: Chaffee, 1-52

Week Two:

Thinking Critically: Supporting Diverse Perspectives with Reasons and Evidence; Presenting Information in an Organized Way; Analyzing Issues
Reading: Chaffee 53-103

Week Three:

Solving Problems
Reading: Chaffee 104-141

Week Four

Perceiving and Believing
Reading: Chaffee, 143-195
MidTerm

Week Five

Constructing Knowledge
Reading: Chaffee, 194-249

Week Six

Forming and Applying Concepts
Reading: Chaffee, 309-348

Week Seven

Relating and Organizing
Reading: Chaffee, 349-383
Final project due
LIB 4100: Critical Thinking

Description:

Examines the processual nature of critical thinking. Provides students with tools necessary to become sophisticated thinkers, developing higher-order thinking abilities for academic and career success, connecting ideas with their life experiences and contemporary issues.

Prerequisites: LIB 3000 and SOC 4000.


Course Objectives:

1. Issue/problem to be considered critically is stated, described, and clarified so that understanding is not seriously impeded by omissions.
2. Identifies own and others’ assumptions and several relevant contexts when presenting a position.
3. Presents in-depth information from relevant sources representing various points of view/approaches.
4. States a conclusion focused solely on the inquiry findings. The conclusion arises specifically from and responds specifically to the inquiry findings.
5. Demonstrates consistent use of important conventions particular to a specific discipline and/or writing/communication task(s), including organization, content, presentation, and stylistic choices.
6. Fulfills the assignment(s) by choosing a format, language, or graphic (or other visual representation) to explicitly connect content and form, demonstrating awareness of purpose and audience.

Course requirements: This course includes a variety of discussion issues, readings, lectures, writing/communications, and assessments.

Grading Scale:

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<td>C</td>
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<td>69-60 percent</td>
<td>D</td>
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<td>59 – 0 percent</td>
<td>F</td>
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# Adding a New Course to the Curriculum

New courses are available beginning with the fall term in which they appear in the University Catalog.

- **Subject:** L I B
- **Course No.:** 4800
- **Credit Hours:** 3
- **Academic Year to be Added to the File:** Fall 2020

**Class Hours:** 45/sem

**Lecture Hours:** 0/sem

**Lab Hours:** 0/sem

**Research Hours:** 0/sem

**Contact Hours (CEU):** N/A

**Department:** Online Programs

- College of Aeronautics—23
- College of Psychology and Liberal Arts—25

**Schedule Type:** Virtual Classroom (H)

- College of Engineering and Science—30
- Nathan M. Bisk College of Business—24

**Computer Title:** Critical Communication

- Restricted to 25 characters, including spaces

**Catalog Title:** Critical Communication

- Catalog Description of Course: Restricted to 350 characters, including spaces

*Examines the connections between critical and creative thinking as expressed through expository writing. Engages students in scholarly activities. Underscores the idea that writing is a social, collaborative practice.*

This description has been approved by the catalog office.

**Date:** 01-15-2020

**Catalog & Curriculum Manager**

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**In addition, please attach a course syllabus and/or more detailed description.**

**Restrictions:**

- Prerequisite ONLY
- Corequisite ONLY
- BOTH Prerequisite/Corequisite

**Grades to be Issued:**

- A, B, C, D, F
- A, B, C, D, F, CE/Audit
- CEU
- S, U
- P, F
- Other

**Additional Restrictions:**

- (e.g., Major, Class Level, Department Head Approval)

Please indicate old course information and the date/term the course may be removed from the system.

**Will this course be used to measure program-level student learning outcomes?**

- Yes [ ]
- No [ ]

**Will this course be used to satisfy the scholarly inquiry requirement?**

- Yes [ ]
- No [ ]

**Will this course impact any existing programs?**

- Yes [ ]
- No [ ]

**Will this course be used to satisfy the Cross Cultural (CC) requirement?**

- Yes [ ]
- No [ ]

---

**Approvals:**

On completion of description and course number verification, affix appropriate signatures as indicated, and submit to the Office of Graduate Programs, or Undergraduate Curriculum Committee Chair for placement on agenda.

**Original:**

**Date:** 2/17/20

**Chair, Graduate Council:**

**Date:**

**Chair, Undergraduate Curriculum Committee:**

**Date:**

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**Catalog & Curriculum Manager:**

These changes/additions have been made for the University Catalog and entered into the BANNER term named above.

**Catalog & Curriculum Manager:**

**Date:**

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**Registrar’s Use Only:**

- SCACRSE
- SCACRSL
- SCAPREQ
- SCABASE
- ACATALOG

- SCARRES
- DIP Code
- 24.0101
- Operator Init.
- Date
LIB 4800: Critical Communication

Description: Examines the connections between critical and creative thinking as expressed through expository writing. Engages students in research activities. Underscores idea that writing is a social, collaborative practice.

Prerequisites: LIB 4100


Course Objectives:

1. Issue/problem to be considered critically and through the modes of exposition/persuasion is stated, described, and clarified.
2. Identifies own and others’ assumptions and relevant contexts when presenting a position.
3. Demonstrates consistent use of important conventions particular to a specific discipline and/or writing/communication task(s), including organization, content, presentation, and stylistic choices.
4. Fulfills the assignment(s) by choosing a format, language, or graph (or other visual representation) to explicitly connect content and form, demonstrating awareness of purpose and audience.
5. Demonstrates consistent use of credible, relevant sources to support ideas that are situated within the discipline and genre of the writing.
6. Uses straightforward language that generally conveys meaning to readers. Language has few errors.

Course requirements: This course includes a variety of discussion issues, readings, lectures, writing/communications, and assessments.

Grading scale:

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<th>Total Points</th>
<th>Final Grade</th>
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<td>100-90</td>
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<td>Polished draft:</td>
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<td>89-80</td>
<td>B</td>
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<td>Peer Review:</td>
<td>10 percent</td>
<td>79-70</td>
<td>C</td>
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<td>Final paper:</td>
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<td>69-60</td>
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<td>59-0</td>
<td>F</td>
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</table>
LIB 4800: Critical Communication

Week One:

The Thinking-Writing Model, Metacognition
Reading: Chaffee and Carson, pp 1-39, 42-44

Week Two:

Thinking About Visuals; Using Independent, Informed Beliefs to Shape Your Writing
Reading: Chaffee and Carson, pp. 53-107

Week Three:

Drafting
Reading: Chaffee and Carson, pp. 131-167
Outline of Proposal Due

Week Four:

Ethical Uses of Language
Reading: Chaffee and Carson, pp. 181-204
Draft of Proposal Due

Week Five:

Revising
Reading: Chaffee and Carson, pp. 110-129, 169-180

Week Six:

Thinking and Writing to Shape Our World
Reading: Chaffee and Carson, pp. 205-238

Week Seven:

Writing to Propose Solutions
Reading: Chaffee and Carson, pp. 437-477
Proposal Revision Due

Week Eight:

Metacognition, Readings: TBD
<table>
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<th>COURSE NO.</th>
<th>CREDIT HOURS</th>
<th>ACADEMIC YEAR TO BE ADDED TO THE FILE</th>
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<td>4900</td>
<td>3</td>
<td>Fall 2020</td>
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</table>

*Justify level if 1000-level and no co- or prerequisites

CLASS HOURS: 45/sem | LECTURE HOURS: 0/sem | LAB HOURS: 0/sem | RESEARCH HOURS: 0/sem | CONTACT HOURS (CEU): N/A

DEPARTMENT: Online Programs
- COLLEGE OF AERONAUTICS—23
- COLLEGE OF PSYCHOLOGY AND LIBERAL ARTS—25

SCHEDULE TYPE: Virtual Classroom (H)
- (e.g., Lecture, Lab or Special Topics/Project)

COMPUTER TITLE: Liberal Studies Capstone

This course will be entered into the system as: Bi-Level □ Cross-Listed □ Dual-Numbered □ Full-Load □ None of these/Standard Listing □

CATALOG TITLE: Liberal Studies Capstone

CATALOG DESCRIPTION OF COURSE: Restricted to 350 characters, including spaces

Facilitates understanding of interdisciplinary studies. Requires a semester project. Provides feedback and counsel on the project. Analyzes final scholarly inquiry for the program.

This description has been approved by the catalog office

Catalog & Curriculum Manager

GRADUES TO BE ISSUED
- A, B, C, D, F
- A, B, C, D, F, CEU/Audit
- CEU
- S, U
- P, F
- Other

In addition, please attach a course syllabus and/or more detailed description.

REQUIREMENTS

<table>
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<tr>
<th>LIB 4800</th>
<th>Pre requisite ONLY</th>
<th>Corequisite ONLY</th>
<th>BOTH Pre requisite/Corequisite</th>
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</table>

Please indicate old course information and the date/term the course may be removed from the system:

- Yes □ No Will this course be used to measure program-level student learning outcomes? If yes, review and signature required.**
- Yes □ No Will this course be used to satisfy the scholarly inquiry requirement? If yes, attach "Q" materials for review.
- Yes □ No Will this course impact any existing programs? If yes, attach "Changing Graduation Requirements" form for each program impacted.
- Yes □ No Will this course be used to satisfy the Cross Cultural (CC) requirement? If yes, attach confirmation memo from QEP2 Committee.

APPROVALS: On completion of description and course number verification, affix appropriate signatures as indicated, and submit to the Office of Graduate Programs, or Undergraduate Curriculum Committee Chair for placement on agenda.

Chair, Graduate Council
Date

Chair, Undergraduate Curriculum Committee
Date

Catalyst & Curriculum Manager

REGISTRAR'S USE ONLY

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SCARRES □ CIP Code 24.0101 □ Operator Init. □ Date □

Florida Institute of Technology • Office of the Registrar

150 West University Boulevard, Melbourne, FL 32901-6975 • 321-674-8114 • Fax 321-674-7827

RGR-382-219
LIB 4900: Liberal Studies Capstone

Description: Examines student’s understanding of interdisciplinary studies. Provides feedback and counsel on capstone project. Analyzes final original research project for the BALS degree.

Prerequisites: LIB 4800


Additional readings assigned and available in Canvas.

Course objectives:

1. Issue/problem to be considered critically is stated clearly and described comprehensively, delivering all relevant information necessary for full understanding.
2. Thoroughly (systematically and methodically) analyzes own and others’ assumptions and carefully evaluates the relevance of contexts when presenting a position.
3. Synthesizes in-depth information from relevant sources representing various points of view/approaches.
4. Independently creates wholes out of multiple parts (synthesizes) or draws conclusions by drawing examples, fact, or theories from more than one field of study or perspective.
5. Demonstrates detailed attention to and successful execution of a wide range of conventions particular to a specific discipline and/or communication task(s) including organization, content, presentation, formatting, and stylistic choices.
6. Fulfills the assignment(s) by choosing a format, language, or graph (or other visual representation) in ways that enhance meaning, making clear the interdependence of language and meaning, thought, and expression.

Course requirements: This course includes a variety of discussion issues, readings, lectures, writing/communications, and assessments.

Grading Scale:

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<td>Final</td>
<td>20%</td>
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<tr>
<td>Paper/Project</td>
<td>20%</td>
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Total Points                      Final Grade
100-90 percent                   A
89-80 percent                    B
79-70 percent                    C
69-60 percent                    D
59 – 0 percent                   F

100%
LIB 4900: Liberal Studies Capstone

Week One:
Writing to Persuade
Reading: Chaffee and Carson, pp. 478-533

Week Two:
Writing About Investigations
Reading: Chaffee and Carson, pp. 536-582
Annotated Bibliography Due

Week Three:
Readings TBA
Outline Due

Week Four:
Collaboration, Peer Review
Readings TBA
Project Draft Due

Weeks Five
Peer Review Due
Readings TBA

Week Six
Workshop Week to Work on Capstone Project

Week Seven
Final Draft Due

Week Eight
Metacognition
New courses are available beginning with the fall term in which they appear in the University Catalog.

**ADD A COURSE TO THE CURRICULUM**

<table>
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<th>CREDIT HOURS</th>
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<tr>
<td>S</td>
<td>O C</td>
<td>Fall 2020 (e.g., CSE)</td>
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**CLASS HOURS** 45/sem  
**LECTURE HOURS** 0/sem  
**LAB HOURS** 0/sem  
**RESEARCH HOURS** 0/sem  
**CONTACT HOURS** (CEU) N/A

**DEPARTMENT**  
Online Programs  
(e.g., Ocean Engineering and Marine Sciences)  
COLLEGE OF AERONAUTICS—23  
COLLEGE OF PSYCHOLOGY AND LIBERAL ARTS—25  
COLLEGE OF ENGINEERING AND SCIENCE—30  
NATHAN M. BISK COLLEGE OF BUSINESS—24

**SCHEDULE TYPE** Virtual Classroom (H)  
Restricted to 25 characters, including spaces

**COMPUTER TITLE**  
Research & Info Literacy  
This course will be entered into the system as:  
Bi-Level  
Cross-Listed  
Dual-Numbered  
Full-Load  
None of these/Standard Listing

**CATALOG TITLE**  
Research and Information Literacy  
Restricted to 350 characters, including spaces

Covers critical analysis techniques necessary to ethically and effectively identify, retrieve and organize digital information. Emphasizes skills and techniques necessary for critical review of research and digital information sources. Focuses on discerning misinformation and causal logic flaws in research and information sources.

This description has been approved by the catalog office  
Emory 01-15-2020

**In addition, please attach a course syllabus and/or more detailed description.**

**RESTRICTIONS**

<table>
<thead>
<tr>
<th>PSY 2510</th>
<th>Prerequisite ONLY</th>
<th>Corequisite ONLY</th>
<th>BOTH Prerequisite/Corequisite</th>
<th>and</th>
<th>or</th>
</tr>
</thead>
</table>

Course Prefix/Number  
LST 3000

**ADDITIONAL RESTRICTION**

(e.g., Major, Class Level, Department Head Approval)

Please indicate old course information and the date/term the course may be removed from the system:

Yes  
No

Will this course be used to measure program-level student learning outcomes? If yes, review and signature required.**

Yes  
No

Will this course be used to satisfy the scholarly inquiry requirement? If yes, attach "Q" materials for review.

Yes  
No

Will this course impact any existing programs? If yes, attach "Changing Graduation Requirements" form for each program impacted.

Yes  
No

Will this course be used to satisfy the Cross Cultural (CC) requirement? If yes, attach confirmation memo from QEP2 Committee.

**APPROVALS:** On completion of description and course number verification, affix appropriate signatures as indicated, and submit to the Office of Graduate Programs, or Undergraduate Curriculum Committee Chair for placement on agenda.

**Director**  
John Marshall  
2/17/20

**Chair, Graduate Council**  
Date

**Chair, Undergraduate Curriculum Committee**  
Date

**CATALOG & CURRICULUM MANAGER**  
These changes/additions have been made for the University Catalog and entered into the BANNER term named above.

**REGISTRAR’S USE ONLY**

SCARCSE  
SCADETL  
SCAPREQ  
SCABASE  
ACATALOG

SCARRS  
CIP Code 45.1101  
Operator Init.  
Date

Florida Institute of Technology • Office of the Registrar  
150 West University Boulevard, Melbourne, FL 32901-6975 • 321-674-8114 • Fax 321-674-7827  

RGR-384-219
SOC 4000: Research and Information Literacy

Description: Covers techniques necessary to identify, retrieve, organize, and critically analyze digital information ethically and effectively. Emphasis on skills and techniques necessary for critical review of research and digital information sources. Focus on discerning misinformation and causal logic flaws in research and information sources.

Prerequisites: PSY 2510 and LST 3000


Additional readings assigned and available in Canvas.

Course Objectives: Upon successful completion of this course students will:

1. Understand that research and information literacy are critical thinking skillsets necessary to identify, retrieve, organize, and critically analyze digital information ethically and effectively.
2. Learn to articulate a rationale for an area of inquiry.
3. Identify strategies to access quality research and information.
4. Critically read, synthesize, and evaluating research.
5. Discern good information sources from misinformation.
7. Explore methods for understanding and spotting “humbug” and “bullshit” as discussed in the body of academic literature related to critical data and research assessment.
8. Learn how and why all research is not equal through an introduction to major types of research which include an understanding of qualitative, quotative, and mixed methods.
9. Understand research ethics and ethical use of results.
10. Identify the frame and scope of research to assess for proper generalizability and utility for an inquiry.

Course requirements: This course includes a variety of discussion issues, readings, lectures, writing/communications, and assessments.

<table>
<thead>
<tr>
<th>Grading Scale</th>
<th>Total Points</th>
<th>Final Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discussions = 20%</td>
<td>100-90 percent</td>
<td>A</td>
</tr>
<tr>
<td>Quizzes = 20%</td>
<td>89-80 percent</td>
<td>B</td>
</tr>
<tr>
<td>Mid-Term = 20%</td>
<td>79-70 percent</td>
<td>C</td>
</tr>
<tr>
<td>Final = 20%</td>
<td>69-60 percent</td>
<td>D</td>
</tr>
<tr>
<td>Paper/Project = 20%</td>
<td>59 – 0 percent</td>
<td>F</td>
</tr>
</tbody>
</table>
Week 1
Clark & Creswell Chapter 1: The Process of Research: Learning How Research Is Conducted and Reported
Clark & Creswell Chapter 2: Quantitative and Qualitative Research: Understanding Different Types of Study Reports
Lecture (Myths and Realities of Studying Behavior/Guest TBA)
Quiz (Ch 1 & 2)

Week 2
Clark & Creswell Chapter 3: The Statement of the Problem: Identifying Why a Study Is Important
Clark & Creswell Chapter 4: The Literature Review: Examining the Background for a Study
Clark & Creswell Chapter 5: Purpose Statements, Research Questions, and Hypotheses: Identifying the Intent of a Study
Lecture (Guest: Dr. Gary Burns)
Quiz (Ch3, 4, & 5)

Week 3
Clark & Creswell Chapter 6: Quantitative Research Designs: Recognizing the Overall Plan for a Study
Clark & Creswell Chapter 7: Participants and Data Collection: Identifying How Quantitative Information Is Gathered
Clark & Creswell Chapter 8: Data Analysis and Results: Examining What Was Found in a Quantitative Study
Lecture (Guest: Dr. Gary Burns)
Quiz (Ch 6, 7, & 8)

Week 4
Detecting Bullshit
Reading: Misleading axes and graphs (https://www.callingbullshit.org/tools/tools_misleading_axes.html)
Reading: Spurious Correlations (http://www.tylervigen.com/spurious-correlations)
Lecture (Detecting BS. Guest: Dr. Jevin West)

Midterm Exam
Week 5
Clark & Creswell Chapter 9: Qualitative Research Designs: Recognizing the Overall Plan for a Study
Clark & Creswell Chapter 10: Participants and Data Collection: Identifying How Qualitative Information Is Gathered
Clark & Creswell Chapter 11: Data Analysis and Findings: Examining What Was Found in a Qualitative Study
Lecture (Qualitative. Guest: TBA)
Quiz (Ch9, 10, & 11)

Week 6
Clark & Creswell Chapter 12: Mixed Methods Research: Studies That Mix Quantitative and Qualitative Research
Clark & Creswell Chapter 13: Action Research Designs: Research for Solving Practical Problems
Lecture (Mixed and Action Research. Guest: TBA)
Quiz (Ch12 & 13)

Week 7
Lecture (Detecting BS, Part II. Guest: Dr. Jevin West)
Project

Week 8
Clark & Creswell Chapter 14: Conclusions: Identifying the Interpretations and Implications of a Study
Lecture (Consumer of Research. Guest: Various guests from earlier lectures with concluding themes and remarks)
Quiz (Ch14)

Final Exam
FLORIDA TECH

ADDING A NEW MAJOR OR MINOR TO THE CURRICULUM

Please provide the following information when requesting a new major or minor (program or option) to be added to the curriculum. Only new majors, minors and options are assigned a new code and print on the diploma. The code will be assigned by the Office of the Registrar and information emailed to all appropriate personnel.

COLLEGE: CoPLA

DEPARTMENT: CoPLA Online (SOP)

DELIVERY MODE(S): Online (classroom, online)

CAMPUS/SITE(S): Online

PROGRAM TO BE ADDED: □ Major □ Minor □ Option for ___________________________ (existing degree program)

NOTE: Only Majors, Minors and Options receive new codes and print on the diploma; use Option for new program name to appear with existing degree name.

□ Associate of Arts (A.A.) □ Master of Education (M.Ed.) □ Doctor of Business Administration (D.B.A.)
□ Associate of Science (A.S.) □ Master of Public Administration (M.P.A.) □ Doctor of Philosophy (Ph.D.)
□ Bachelor of Arts (B.A.) □ Master of Science (M.S.) □ Doctor of Psychology (Psy.D.)
□ Bachelor of Science (B.S.) □ Master of Science in Aviation (M.S.A.) □ Graduate Certificate
□ Master of Arts (M.A.) □ Educational Specialist (Ed.S.) □ Undergraduate Certificate
□ Master of Business Administration (M.B.A.) □ Doctor of Aviation (Av.D.)

OTHER ADDITION TO THE CURRICULUM NOTE: Only Majors, Minors and Options receive new codes and print on the diploma; use Adding a New Concentration or Specialization form if the new program represents less than a full degree curriculum.

PROGRAM TITLE: Restricted to 30 characters, including spaces

Liberal Studies

ACADEMIC YEAR TO BE INITIATED: FALL 2020 ADVISOR FOR NEW PROGRAM: Dr. Danita Berg

New programs are available beginning with the fall term in which they appear in the University Catalog

ROUTING APPROVALS: 1) Department head/program chair and college dean approve and sign form. 2) Accreditation Liaison reviews and signs the form. 3) The director of APAC reviews the assessment plan for the program and signs form. 4) The chief academic officer reviews and approves business plan of the program in terms of financial viability and impact on the university mission and signs form. 5) Graduate Council or Undergraduate Curriculum Committee approves academics and signs form. 6) The chief academic officer reviews and signs form, and forwards to the Catalog & Curriculum Manager.

1) Department Head/Program Chair
   [Signature] [Date]
   Dean or Associate Dean
   [Signature] [Date]

2) Accreditation Liaison
   [Signature] [Date]

3) Director, APAC
   [Signature] [Date]

4) Chief Academic Officer
   [Signature] [Date]

5) Chair, Graduate Council
   [Signature] [Date]
   OR

6) Chair, Undergraduate Curriculum Committee
   [Signature] [Date]

Chief Academic Officer

Requests to add minor programs to the curriculum do not need Accreditation Liaison review.

REGISTRAR'S USE ONLY

FSA ATLAS: _______ SOAXREF: _______ SMA/PRIE: _______

STVMAJR: _______ SOACURR: _______ Major Code Assigned: _______

GWVSDAX: _______ CIPC Code: _______ Operator Initials/Date: _______

FLORIDA'S STEM UNIVERSITY*

Florida Institute of Technology • Office of the Registrar • 150 West University Boulevard, Melbourne, FL 32901-6975 • 321-674-8114 • Fax 321-674-7827

RGR-455-0220
Bachelor of Arts Liberal Studies

PROGRAM PLAN

ASC 1006 Mastering eLearning (1-credit)

General Education Core (33 credits)

Communication (9 credit hours)

- COM 1101 Composition and Rhetoric
  - Or WRI 1000 First-Year Writing 1 and WRI 1001 First-Year Writing 2
- COM 1102 Writing About Literature
- One 2000-level (or higher) communication course

Humanities (9 credit hours)

- Select first HUM Core Course
  - **HUM 2051 Civilization 1: Ancient Through Medieval (offered online)**
  - HUM 2053 Introduction to Asian Civilization (not online)
  - HUM 2141 World Art History 1: Pre-History to Early Global Awareness (not online)
  - HUM 2211 British Literature and Culture (not online)
  - HUM 2212 British and American Literature 1 (not online)
  - **Note: HUM 2331 American History: Pre-Columbian to Civil War Era is being planned for online development.**
  - HUM 2551 Survey of Ancient and Medieval Philosophy (not online)
  - Appropriate transfer course per university policy.

- Select second HUM Core Course
  - **HUM 2052 Civilization 2: Renaissance Through Modern (offered online)**
  - HUM 2054 Introduction to Asian Civilization 2 (not online)
  - HUM 2142 World Art History 2: Early Modern to Post-Colonial (not online)
  - HUM 2212 British and American Literature 1 (may not be repeated for credit) (not online)
  - HUM 2213 British and American Literature 2 (not online)
- **HUM 2332 American History: From Reconstruction to the Present**  
  *(offered online)*
- HUM 2552 Survey of Modern and Contemporary Philosophy (not online)
- Appropriate transfer course per university policy.

- **Any HUM (HU) class**
  - *Note: No 3000 level currently offered online but planning development for new course in 2021 HUM 3xxx: History of the World Wars*

### Mathematics (6 credit hours)
- MTH 1000, MTH 1701, EST 2703
- College level (non-remedial) 1000 level or higher mathematics courses.

### Physical and/or Life Science (6 credit hours)
- EDS 1021 General Physical Science
- EDS 1022 General Biological Science
- EDS 1023 The Final Frontier
- Any 1000-level or higher (BIO, CHM, EDS, ENS, MET, OCN, PHY, SCI, SPS)

### Social Sciences (3 credit hours)
- Any 1000-level or higher (SS)

### Liberal Studies Core (30 credits – Assessment Area)
1. PSY 2510 Research and Computer Literacy (existing)
2. LIB 3000 Foundations of Liberal Studies (3000) Includes SDL (new)
3. PSY 3541 Psychology of Leadership (existing)
4. EMG 3301 Principles of Management (existing)
5. EBA 3321 Essential Business Skills (existing)
6. LIB 4100 Critical Thinking (new)
7. SOC 4000 Research & Information Literacy (new)
8. Ethics Course (all existing: EMG 3328 Business Ethics, or PSY 4712 Professional and Ethical Issues, or CRM 4712 Ethics in Criminal Justice)
9. LIB 4800 Critical Communication (new)
10. LIB 4900 Liberal Studies Capstone (new)

### Restricted Elective Areas (15 credits)
1. Diversity, Global Competency, Arts, and Humanities (at least 6 credits)
• See Diversity, Global Competency, Arts, and Humanities Online Class Offerings List
• Any Florida Tech class with a LNG prefix or HU or LA designation.
• Transfer credits with a language, humanities, arts, diversity, or other appropriate prefix related to diversity, global competency, arts, or humanities.

2. Social Sciences (at least 6 credits)
   • Any Florida Tech class with SS designation.
     i. There are many across the online classes
     ii. All CRM and PSY are SS
• Transfer credits from social science courses designations.

3. Remaining 3 credits from either above.

Concentration Area Courses (21 Credits)
Concentration area courses must have at least 12 credits of upper level (3000 or 4000) coursework to fulfill the area requirement. There are four discipline specific concentrations offered consisting of business, criminal justice, psychology, or social sciences. A general concentration is offered for students with substantial coursework in another field from either Florida Tech or transfer. (Note: These 21 credits are in addition to any courses required in general education or restricted electives.)

1. Business
2. Criminal Justice
3. Psychology
4. Social Science
5. General

Free Electives (21 Credits)
Free electives consisting of 21 total credits of college level transferrable coursework.
Diversity, Global Competency, Arts, and Humanities Online Class Offerings List

1. BUS 1801: Global Business Perspectives
2. BUS 3605 Consumer Behavior (pre-req EMK 3601)
3. EEC 2303 Introduction to Macroeconomics (pre-req MTH 1000/1001/1701/1702)
4. CRM 2201 Criminology (pre-req COM 1102 and PSY 1411)
5. CRM 2203 Delinquency and Prevention (pre-req CRM 2201)
6. CRM 3610 Criminal Justice and the Media (pre-req CRM 1000 and PSY 2510)
7. CRM 3901 Comparative Criminal Justice Systems (CRM 3104)
8. EEC 2304 Introduction to Microeconomics (pre-req MTH 1000/1001/1701/1702)
9. EMK 3601 Principles of Marketing (pre-req EEC2303)
10. EHC 1103 Medical Ethics
11. EMG 3340 International Management (pre-req EMK 3601)
12. EMK 3320 Entrepreneurial Marketing (pre-req EMK 3601)
13. EMK 3601 Principles of Marketing (pre-req COM1102 and EEC2302)
14. EMK 4063 International Marketing (pre-req EMK 3601)
15. HUM 1015 Mythology
16. HUM 1021 Integrated Arts
17. HUM 1024 Religions of the World (W) (pre-req COM 1102)
18. HUM 1025 Religions of the World (E) (pre-req COM 1102)
19. HUM 2153 Popular Culture and Music (pre-req COM 1101 or WRI 1001)
20. HUM 2250 Literature: Voice and Vision
21. HUM 2332: US History 2 (COM 1102)
22. PSY 1411 Introduction to Psychology
23. PSY 1461 Psychology of Adjustment & Personal Growth
24. PSY 1463 Human Sexuality
25. PSY 2000 Lifespan Development and Psychology
26. PSY 2600 Psychology of Gender (pre-req PSY 2510)
27. PSY 3101 Psychology of Disaster
28. PSY 3344 Multicultural Issues
29. PSY 3442 Psychology of Personality (pre-req PSY 1411 and 3rd year)
30. PSY 3541 Child Psychology (pre-req PSY 1411, PSY 2510 & Third Year Standing)
31. PSY 3541 Psychology of Leadership (pre-req PSY 1411, PSY 2510 & Third Year Standing)
32. PSY 3543 Psychology of the Workplace (pre-req PSY 2510)
33. PSY3551 Introduction to Child Advocacy (pre req PSY 3531)
34. PSY 3761 Abnormal Psychology (pre-req PSY 1411 and 3rd year)
35. PSY 4242 Organizational Psychology and Behavior (pre-req PSY 3543)
36. SOC 1101 Human Behavior Perspectives
37. SOC 1102 Global Perspectives
38. SOC 2552 Social Problems