J. Murrey Atkins Library
Consultation on Library Holdings

To: David Young

From: Alison Bradley

Date: 11/13/13

Subject: CEGR 5125 -- Forensic Engineering

Summary of Librarian's Evaluation of Holdings:

Evaluator: Alison Bradley Date: 11/13/13

Check One:
1. Holdings are superior
2. Holdings are adequate
3. Holdings are adequate only if Dept. purchases additional items.
4. Holdings are inadequate

Comments:
Library holdings should be adequate to support student research for this course (see list of items held by subject heading below), particularly as it has been successfully offered as a special topics course for several semesters and requires limited independent research. Students will have access to relevant databases such as ASCE CEDB, Compendex, Risk Abstracts, and many others.

<table>
<thead>
<tr>
<th>LC Subject Heading</th>
<th>Books</th>
<th>Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forensic engineering</td>
<td>23</td>
<td>0</td>
</tr>
<tr>
<td>Structural failures</td>
<td>99</td>
<td>1</td>
</tr>
<tr>
<td>Building failures</td>
<td>44</td>
<td>1</td>
</tr>
</tbody>
</table>

Evaluator's Signature
11/13/13

Date
Consultation on Library Holdings

To: Janos Gergely
From: Alison Bradley
Date: 11/13/13
Subject: CEGR 5126 – Codes, Loads, and Nodes

Summary of Librarian’s Evaluation of Holdings:

Evaluator: Alison Bradley Date: 11/13/13

Check One:
1. Holdings are superior
2. Holdings are adequate
3. Holdings are adequate only if Dept. purchases additional items.
4. Holdings are inadequate

Comments:
Library holdings should be adequate to support student research for this course (see list of items held by subject heading below), particularly as it has been successfully offered as a special topics course for several semesters and does not require independent research. Students will have access to relevant databases such as ASCE CEDB, Compendex, the Avery Index, and many others.

<table>
<thead>
<tr>
<th>LC Subject Heading</th>
<th>Books</th>
<th>Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standards, Engineering</td>
<td>140</td>
<td>35</td>
</tr>
<tr>
<td>Buildings – Specifications</td>
<td>84</td>
<td>11</td>
</tr>
<tr>
<td>Strains and stresses.</td>
<td>172</td>
<td>9</td>
</tr>
</tbody>
</table>

Evaluator’s Signature

11/13/13

Date
To: Brett Tempest  
From: Alison Bradley  
Date: 11/13/13  
Subject: CEGR 5127 – Green Building and Integrative Design

Summary of Librarian’s Evaluation of Holdings:

Evaluator: Alison Bradley  
Date: 11/13/13

Check One:
1. Holdings are superior  
2. Holdings are adequate  
3. Holdings are adequate only if Dept. purchases additional items.  
4. Holdings are inadequate

Comments:
Library holdings should be adequate to support student research for this course (see list of items held by subject heading below), particularly as it has been successfully offered as a special topics course for several semesters. Students will have access to relevant databases such as ASCE CEDB, Compendex, the Avery Index, Environment Complete, and many others.

<table>
<thead>
<tr>
<th>LC Subject Heading</th>
<th>Books</th>
<th>Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sustainable buildings</td>
<td>131</td>
<td>4</td>
</tr>
<tr>
<td>Sustainable architecture.</td>
<td>192</td>
<td>3</td>
</tr>
<tr>
<td>Sustainable construction</td>
<td>96</td>
<td>1</td>
</tr>
<tr>
<td>Buildings -- Energy conservation.</td>
<td>373</td>
<td>10</td>
</tr>
</tbody>
</table>

Evaluator's Signature

11/13/13

Date
Consultation on Library Holdings

To: David Weggel
From: Alison Bradley
Date: 11/13/13
Subject: CEGR 5223 Timber Design

Summary of Librarian’s Evaluation of Holdings:

Evaluator: Alison Bradley       Date: 11/13/13

Check One:
1. Holdings are superior
2. Holdings are adequate  [X]
3. Holdings are adequate only if Dept. purchases additional items.
4. Holdings are inadequate

Comments:
Library holdings should be adequate to support student research for this course (see list of items held by subject heading below), particularly as it has been successfully offered as a special topics course for several semesters. Students will have access to relevant databases including ASCE Digital Library, ScienceDirect, Web of Science, Compendex, and many others.

<table>
<thead>
<tr>
<th>LC Subject Heading</th>
<th>Books</th>
<th>Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Building, Wooden</td>
<td>111</td>
<td>0</td>
</tr>
<tr>
<td>Structural design</td>
<td>721</td>
<td>15</td>
</tr>
<tr>
<td>Timber</td>
<td>601</td>
<td>16</td>
</tr>
<tr>
<td>Wood</td>
<td>274</td>
<td>18</td>
</tr>
</tbody>
</table>

Evaluator's Signature

11/13/13

Date
To: Vincent Ugunro

From: Alison Bradley

Date: 11/14/13

Subject: CEGR 5273 Soil Improvement

Summary of Librarian’s Evaluation of Holdings:

Evaluator: Alison Bradley  Date: 11/14/13

Check One:
1. Holdings are superior
2. Holdings are adequate
3. Holdings are adequate only if Dept. purchases additional items.
4. Holdings are inadequate

Comments:
Library holdings should be adequate to support student research for this course (see list of items held by subject heading below). Students will have access to relevant databases including Compendex, ASCE CEDB, GeoRef, and many others.

<table>
<thead>
<tr>
<th>LC Subject Heading</th>
<th>Books</th>
<th>Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil Mechanics</td>
<td>326</td>
<td>24</td>
</tr>
<tr>
<td>Engineering – Geology</td>
<td>179</td>
<td>31</td>
</tr>
<tr>
<td>Soil Stabilization</td>
<td>121</td>
<td>2</td>
</tr>
</tbody>
</table>

Evaluator's Signature

11/14/13

Date
Consulation on Library Holdings

To: Vincent Ugunro
From: Alison Bradley
Date: 11/14/13
Subject: CEGR 5274 Site Characterization

Summary of Librarian's Evaluation of Holdings:

Evaluator: Alison Bradley  Date: 11/14/13

Check One:
1. Holdings are superior
2. Holdings are adequate
3. Holdings are adequate only if Dept. purchases additional items.
4. Holdings are inadequate

Comments:
Library holdings should be adequate to support student research for this course (see list of items held by subject heading below). Although book and journal titles are limited, access to ASTM standards and other similar materials will be more important for research in this course. Articles and books not available directly from the library may be borrowed easily through Interlibrary Loan. Students will have access to relevant databases including the ASTM Digital Library, Compendex, GeoRef, ScienceDirect, and many others.

<table>
<thead>
<tr>
<th>LC Subject Heading</th>
<th>Books</th>
<th>Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering geology.</td>
<td>179</td>
<td>31</td>
</tr>
<tr>
<td>Environmental sampling</td>
<td>72</td>
<td>0</td>
</tr>
</tbody>
</table>

Evaluator's Signature

11/14/13
Consultation on Library Holdings

To: Janos Gergely
From: Alison Bradley
Date: 11/14/13
Subject: CEGR 6125 Structural Strengthening

Summary of Librarian’s Evaluation of Holdings:

Evaluator: Alison Bradley Date: 11/14/13

Check One:
1. Holdings are superior
2. Holdings are adequate
3. Holdings are adequate only if Dept. purchases additional items.
4. Holdings are inadequate

Comments:
Library holdings should be adequate to support student research for this course (see list of items held by subject heading below). Students will have access to relevant reference titles and databases including the International Building Code, NC Building Code, ASCE Digital Library, ASTM Digital Library, and many others.

<table>
<thead>
<tr>
<th>LC Subject Heading</th>
<th>Books</th>
<th>Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structural analysis</td>
<td>792</td>
<td>14</td>
</tr>
<tr>
<td>Buildings -- Specifications</td>
<td>84</td>
<td>11</td>
</tr>
<tr>
<td>Structural design</td>
<td>721</td>
<td>18</td>
</tr>
</tbody>
</table>

Evaluator's Signature

11/14/13

Date
Consultation on Library Holdings

To: Srinivas Pulugurtha
From: Alison Bradley
Date: 11/14/13
Subject: CEGR 6162 Computer Applications for Transportation Engineers

Summary of Librarian’s Evaluation of Holdings:

Evaluator: Alison Bradley Date: 11/14/13

Check One:
1. Holdings are superior
2. Holdings are adequate
3. Holdings are adequate only if Dept. purchases additional items
4. Holdings are inadequate

Comments:
Library holdings should be adequate to support student research for this course (see list of items held by subject heading below). Students will have access to relevant online resources including Transportation Research Record online, TRID, Compendex, ScienceDirect, and many others.

<table>
<thead>
<tr>
<th>LC Subject Heading</th>
<th>Books</th>
<th>Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Traffic engineering</td>
<td>851</td>
<td>12</td>
</tr>
<tr>
<td>Transportation engineering</td>
<td>390</td>
<td>21</td>
</tr>
<tr>
<td>Highway capacity</td>
<td>61</td>
<td>0</td>
</tr>
</tbody>
</table>

Evaluator's Signature
11/14/13

Date
J. Murrey Atkins Library

Consultation on Library Holdings

To: Srinivas Pulugurtha
From: Alison Bradley
Date: 11/14/13
Subject: CEGR 6163 GIS for Civil Engineers

Summary of Librarian’s Evaluation of Holdings:

Evaluator: Alison Bradley Date: 11/14/13

Check One:
1. Holdings are superior
2. Holdings are adequate [X]
3. Holdings are adequate only if Dept. purchases additional items.
4. Holdings are inadequate

Comments:
Library holdings should be adequate to support student research for this course (see list of items held by subject heading below), although this will depend on their topics selected. Students will have access to relevant databases including Compendex, TRID, GeoRef, and many others.

<table>
<thead>
<tr>
<th>LC Subject Heading</th>
<th>Books</th>
<th>Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geographic information systems</td>
<td>489</td>
<td>31</td>
</tr>
<tr>
<td>Spatial analysis (Statistics)</td>
<td>68</td>
<td>3</td>
</tr>
</tbody>
</table>

Evaluator’s Signature

11/14/13
J. Murrey Atkins Library

Consultation on Library Holdings

To: Srinivas Pulugurtha

From: Alison Bradley

Date: 11/15/13

Subject: CEGR 6164 Traffic Safety

Summary of Librarian’s Evaluation of Holdings:

Evaluator: Alison Bradley Date: 11/15/13

Check One:
1. Holdings are superior
2. Holdings are adequate
3. Holdings are adequate only if Dept. purchases additional items.
4. Holdings are inadequate

Comments:
Library holdings should be adequate to support student research for this course (see list of items held by subject heading below). Students will have access to relevant online resources including Transportation Research Record online, TRID, Compendex, ScienceDirect, and many others.

<table>
<thead>
<tr>
<th>LC Subject Heading</th>
<th>Books and Documents</th>
<th>Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Traffic safety</td>
<td>1038</td>
<td>38</td>
</tr>
<tr>
<td>Traffic engineering</td>
<td>851</td>
<td>12</td>
</tr>
<tr>
<td>Roads Design and construction</td>
<td>66</td>
<td>0</td>
</tr>
<tr>
<td>Safety measures</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Evaluator’s Signature

11/15/13

Date
Consultation on Library Holdings

To: James Bowen
From: Alison Bradley
Date: 11/18/13
Subject: CEGR 6243 Physical Processes in Environmental Systems

Summary of Librarian’s Evaluation of Holdings:

Evaluator: Alison Bradley  Date: 11/18/13

Check One:
1. Holdings are superior
2. Holdings are adequate
3. Holdings are adequate only if Dept. purchases additional items. [X]
4. Holdings are inadequate

Comments:
Library holdings should be adequate to support student research for this course (see list of items by subject heading below), particularly as it has been offered as a special topics course in the past. Students will have access to databases including ASCE Digital Library, ASFA: Aquatic Sciences and Fisheries Abstracts, GeoScienceWorld, Environment Complete, Web of Science, Compendex, and many others.

<table>
<thead>
<tr>
<th>LC Subject Heading</th>
<th>Books/Documents</th>
<th>Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Groundwater flow</td>
<td>1060</td>
<td>1</td>
</tr>
<tr>
<td>Sedimentation</td>
<td>492</td>
<td>10</td>
</tr>
<tr>
<td>Hydrogeology</td>
<td>835</td>
<td>9</td>
</tr>
</tbody>
</table>

Evaluator’s Signature

Date: 11/18/13
J. Murrey Atkins Library

Consultation on Library Holdings

To: John Daniels

From: Alison Bradley

Date: 11/13/13

Subject: CEGR 6244 Chemical Fate and Transport

---

Summary of Librarian’s Evaluation of Holdings:

Evaluator: Alison Bradley Date: 11/13/13

Check One:
1. Holdings are superior
2. Holdings are adequate
3. Holdings are adequate only if Dept. purchases additional items. ___ x ___
4. Holdings are inadequate

Comments:
Library holdings should be adequate to support student research for this course (see list of items held by subject heading below), with additional support from existing book budgets. In the interim, access to materials through Interlibrary Loan will be sufficient for research needs that are not covered by current holdings. Students will have access to relevant databases including Compendex, GeoRef, ScienceDirect, ASCE CEDB, Environment Complete, and many others.

<table>
<thead>
<tr>
<th>LC Subject Heading</th>
<th>Books</th>
<th>Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental Chemistry</td>
<td>105</td>
<td>19</td>
</tr>
<tr>
<td>Chemical Oceanography</td>
<td>57</td>
<td>1</td>
</tr>
<tr>
<td>Atmospheric chemistry</td>
<td>128</td>
<td>6</td>
</tr>
</tbody>
</table>

Evaluator's Signature

11/13/13

Date
J. Murrey Atkins Library

Consultation on Library Holdings

To: James Amburgey

From: Alison Bradley

Date: 11/18/13

Subject: CEGR 6245 Chemical & Biological Processes in Environmental Systems

Summary of Librarian's Evaluation of Holdings:

Evaluator: Alison Bradley Date: 11/18/13

Check One:
1. Holdings are superior
2. Holdings are adequate
3. Holdings are adequate only if Dept. purchases additional items.
4. Holdings are inadequate

Comments:
Library holdings should be adequate to support student research for this course (see list of items held by subject heading below), particularly as it requires limited independent research. Students will have access to relevant databases including Compendex, ScienceDirect, Environment Complete, and many others.

<table>
<thead>
<tr>
<th>LC Subject Heading</th>
<th>Books</th>
<th>Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water chemistry</td>
<td>301</td>
<td>5</td>
</tr>
<tr>
<td>Environmental engineering</td>
<td>854</td>
<td>90</td>
</tr>
</tbody>
</table>

Evaluator's Signature

11/18/13

Date
Consultation on Library Holdings

To: Miguel Pando  
From: Alison Bradley  
Date: 11/18/13  
Subject: CEGR 6251: ANALYSIS AND DESIGN OF DEEP FOUNDATIONS

Summary of Librarian’s Evaluation of Holdings:

Evaluator: Alison Bradley  
Date: 11/18/13

Check One:
1. Holdings are superior
2. Holdings are adequate  
3. Holdings are adequate only if Dept. purchases additional items.
4. Holdings are inadequate

Comments:
Library holdings should be adequate to support student research for this course (see list of items held by subject heading below). Students will have access to relevant databases including ASTM Digital Library, Compendex, ASCE CEDB and Digital Library, and many others.

<table>
<thead>
<tr>
<th>LC Subject Heading</th>
<th>Books</th>
<th>Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundations Design and construction</td>
<td>54</td>
<td>2</td>
</tr>
<tr>
<td>Soil mechanics</td>
<td>326</td>
<td>24</td>
</tr>
<tr>
<td>Piling (Civil engineering)</td>
<td>52</td>
<td>0</td>
</tr>
</tbody>
</table>

Evaluator’s Signature

11/18/13

Date
Consultation on Library Holdings

To:         Vincent Ugunro
From:       Alison Bradley
Date:       11/18/13
Subject:    CEGR 6253 Design and Analysis of Waste Containment Systems

Summary of Librarian’s Evaluation of Holdings:

Evaluator: Alison Bradley     Date:  11/18/13

Check One:
1. Holdings are superior
2. Holdings are adequate  X
3. Holdings are adequate only if Dept. purchases additional items.
4. Holdings are inadequate

Comments:
Library holdings should be adequate to support student research for this course (see list of items held by subject heading below). Students will have access to relevant databases including ASTM Digital Library, ASCE CEDB and Digital Library, Environment Complete, Environmental Sciences and Pollution Management, and many others.

<table>
<thead>
<tr>
<th>LC Subject Heading</th>
<th>Books/Documents</th>
<th>Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous waste site remediation</td>
<td>702</td>
<td>16</td>
</tr>
<tr>
<td>Sanitary landfills</td>
<td>10629</td>
<td>163</td>
</tr>
<tr>
<td>Hydrogeology</td>
<td>835</td>
<td>9</td>
</tr>
</tbody>
</table>

Evaluator's Signature

11/18/13

Date
Consultation on Library Holdings

To: Miguel Pando
From: Alison Bradley
Date: 11/18/13
Subject: CEGR 6254: Experimental Soil Mechanics

Summary of Librarian’s Evaluation of Holdings:

Evaluator: Alison Bradley Date: 11/18/13

Check One:
1. Holdings are superior
2. Holdings are adequate ___x___
3. Holdings are adequate only if Dept. purchases additional items. ___
4. Holdings are inadequate ___

Comments:
Library holdings should be adequate to support student research for this course (see list of items held by subject heading below). Students will have access to relevant databases including ASTM Digital Library, Compendex, GeoRef, and many others.

<table>
<thead>
<tr>
<th>LC Subject Heading</th>
<th>Books</th>
<th>Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil mechanics</td>
<td>326</td>
<td>24</td>
</tr>
<tr>
<td>Soils -- Testing</td>
<td>126</td>
<td>1</td>
</tr>
<tr>
<td>Soils -- Classification</td>
<td>43</td>
<td>0</td>
</tr>
</tbody>
</table>

Evaluator's Signature
11/18/13

Date
Consultation on Library Holdings

To: Miguel Pando
From: Alison Bradley
Date: 11/18/13
Subject: CEGR 6255 Soil Stability and Earth Structures

Summary of Librarian’s Evaluation of Holdings:

Evaluator: Alison Bradley Date: 11/18/13

Check One:
1. Holdings are superior
2. Holdings are adequate [x]
3. Holdings are adequate only if Dept. purchases additional items.
4. Holdings are inadequate

Comments:
Library holdings should be adequate to support student research for this course (see list of items held by subject heading below). Students will have access to relevant databases including Compendex, ASTM Digital Library, ASCE Digital Library and CEDB, GeoRef, and many others.

<table>
<thead>
<tr>
<th>LC Subject Heading</th>
<th>Books</th>
<th>Journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil mechanics</td>
<td>326</td>
<td>24</td>
</tr>
<tr>
<td>Soil stabilization</td>
<td>121</td>
<td>2</td>
</tr>
<tr>
<td>Slopes (Soil mechanics)</td>
<td>49</td>
<td>1</td>
</tr>
</tbody>
</table>

Evaluator’s Signature
11/18/13

Date
APPENDIX D.
To: Graduate Committee
From: Department of Civil & Environmental Engineering (CEE)

RE: Proposal for New Graduate Courses (Permanent Numbers) and associated changes to CEE portion in the Graduate Catalog

As part of the library consultation for the creation of CEGR 6244, it was revealed that holdings were adequate only if the department purchases additional items. The department commits to working with the library to ensure that sufficient resources are identified and purchased. In the interim, Allison Bradley notes that access to materials through interlibrary loan will be sufficient.

Sincerely,

Dr. John L. Daniels, PE
Interim Chair, Department of Civil and Environmental Engineering