**PETITION TO SUBSTITUTE BACHELOR OF ARCHITECTURE COURSE REQUIREMENT**

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<tr>
<th>Name</th>
<th>USC ID#</th>
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**EQUIVALENT COURSE TITLE(S)**


**COURSE #** _______ **UNITS** _______ **SEMESTER/YEAR COURSE WAS COMPLETED**

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<th>GRADE</th>
<th>TRANSFER INSTITUTION</th>
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**Number & Title of Course:** ARCH 211 MATERIALS AND METHODS OF BUILDING CONSTRUCTION 3 UNITS

**Course Description:** Basic considerations and design implications of the problem of determination of the materials and construction details and processes for buildings.

**Course Goals & Objectives:**
- The class will focus on the critical role of materials and methods for the design of buildings.
- Students will learn about material's general characteristics, advantages, and disadvantages.
- Students will learn how building materials are manufactured (processes).
- Students will learn how a material's modular form, dimensions, and intrinsic qualities can influence the design process.
- Students will learn how different materials are typically connected.
- Students will learn the role of building parts/systems (ie foundations, wall framing, building envelope, etc).

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<th>Required Student Performance Criterion/a addressed</th>
<th>Met</th>
<th>Not Met</th>
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<tbody>
<tr>
<td>B.12 Building Materials/Assemblies</td>
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**Additional Student Performance Criterion/a addressed**

| A.3 Visual Communication Skills                   |     |
| A.7 Use of Precedents                             |     |

**Topical Outline (include percentage of time in course spent in each subject area):**
- Lecture classes: building materials, assemblies, and methods of construction (50%)
- Activity classes: material research and fabrication (50%)

**Textbooks/Learning Resources:**

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**FOR OFFICE USE ONLY**

**Faculty Recommendation**
- [ ] Substitution Approved
- [ ] Substitution Denied
- **Date**

**Faculty Name (printed)**

**Comment**

**Director of Undergraduate Programs**

**Comment**

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Last Updated June 2014