PROGRAM REVIEW
Fairmont State Board of Governors

☒ **Program with Special Accreditation** ☐ **Program without Special Accreditation**

Date Submitted March 1, 2018

Program Bachelor of Science in Architecture
Degree and Title

INSTITUTIONAL RECOMMENDATION

__1. **Continuation of the program at the current level of activity;**

__2. **Continuation of program with corrective action;**

_X_3. **Identification of the program for further development;** ASSESSMENT to "TARGET"

__4. **Development of a cooperative program with another institution, or sharing courses, facilities, faculty, and the like;**

__5. **Discontinuation of the Program**

Rationale for Recommendation:

The FSU Architecture program is the only one in the state of WV. It has been successful and will continue to be successful with our support. Enrollments are increasing and graduation rates are good. We three fulltime faculty and have a good core of adjunct faculty who are helping to make the program stronger.

We are currently preparing for NAAB accreditation with the team visit planned for early April. Once we obtain "Initial Candidacy" status, our programs should receive more recognition, attention, and enrollments. We'll also need to budget for an additional faculty member and plan for improved and expanded spaces for the program.

Signature of person preparing report	02/13/2018 **Date**
Signature of Dean	03/1/2018 **Date**
Signature of Provost and Vice President for Academic Affairs	5-30-18 **Date**
Signature of President	6.14.18 **Date**
Signature of Chair, Board of Governors	6-14-18 **Date**

B.S. Architecture

Five Year Program Review

Spring 2017

Appendices

Executive Summary for Program Review

(not to be more than 2-3 pages)

Name and degree level of program:
Architecture: Bachelor of Science

External reviewer(s)
Professional Advisory Committee: William E. Yoke, Jr., AIA, NCARB; Jason Miller, AIA, NCARB; John Sausen, AIA, NCARB, Stacey Bowers, AIA, NCARB; Craig Baker, CEFP; Ashley Lyons, A-AIA

Synopses of significant findings, including findings of external reviewer(s)
The B.S. in Architecture is the only undergraduate architecture program in West Virginia. The architecture program is pursing candidacy by the National Architectural Accreditation Board (NAAB); the B.S. in Architecture program provides the critical pre-requisite education for an accredited M. Arch professional degree. According to the Professional Advisory Committee, every reasonable effort needs to be made to strengthen the B.S in Architecture and the M. Arch program and gain NAAB Accreditation. As an accredited, professional degree program, the FSU program can broaden its appeal to students from the entire Mid-Atlantic region, and implement faculty and facility development which will contribute to the real and perceived quality of the institution as a whole.

Plans for program improvement, including timeline
Plans for improvement include NAAB initial candidacy in 2018, continued candidacy in 2020, and full accreditation in 2022.

Identification of weaknesses or deficiencies from the previous review and the status of improvements implemented or accomplished

The most recent available program review (2012) states that the greatest weakness of the architecture program is the lack of a professional accreditation by the NAAB. This remains to be a recognized weakness. Also stated were the need for additional faculty, and improved facilities.

In 2013 the M. Arch program was approved by the HEPC, and became subsequently NAAB candidate eligible. The B.S. degree curriculum was revised to serve as a pre-requisite degree satisfying 60% of the required student performance criterial for the candidate program. In the fall of 2017 the architecture program a plan for initial candidacy was approved by the NAAB, and the program is scheduled for a candidacy visit in the spring of 2018.

In 2014 The program added an additional faculty member, Dr. Robert Kelly. In the Fall of 2015 the program was relocated from Hunt Haught Hall to an improved studio space in the Engineering Technology Building.

Five-year trend data on graduates and majors enrolled

Over the past five years, from Fall 2012 –Spring 2017, the architecture program has had an average of 27 students in the first semester freshman course ARCH 1000 Design Fundamentals I, and has graduated 54 students from the Bachelor's degree program.
The number of first year students had decreased when compared to the previous review period, but has been trending upward over the past three years. The regression in the number of first year students may be due to the increased rigor and academic demands of the program as it has moved toward NAAB accreditation.

Student attrition in the program may in part be attributed to the fact that the program has an open admission policy, and architecture is a difficult and demanding major that may not be congruent with the preparedness of some of the students.
Over the past five years the number of advisees for architecture faculty have averaged between 70-90 students.

Summary of assessment model and how results are used for program improvement

Student assessment begins in the design studio. In the design studio, student and faculty engage on a one-to-one level that is unique in education, as is the peer-to-peer learning opportunity. Critical thinking skills are challenged, knowledge of history and theory are tested and the ability to present ideas using the most relevant media of the profession is evaluated. Students are assessed through design project presentations, tests and quizzes, research papers and classroom activities. The design studio provides an almost constant state of review on some level by peers, faculty, adjunct faculty and professional juries. It is from the studio that the entire architectural learning environment is cultivated.

Program Assessment occurs through: annual internal assessment, annual external assessment, and in response to external contributors. Internal assessment consists in part through: fall and spring faculty round table reviews, the spring faculty walk-through, and student course evaluations. External Assessment is occurs via fall semester interdepartmental review, professional advisory committee review in the spring, AIAWV Scholarship Committee review in the fall, and professional design juries of student work in both the fall and the spring semesters. External contributors that inform the program are the university strategic plan, HEPC strategic plan, National Council of Architecture Registration Boards (NCARB) educational standards, and NAAB student performance criteria.

The findings of each assessment element are reviewed each semester against the NAAB student performance criteria, and adjustments to the content and delivery of course material are made in response.

Data on student placement (for example, number of students employed in positions related to the field of study or pursuing advanced degrees)

Over the past five years the Architecture Program has graduated 54 students with a Bachelor's of Science degree in Architecture. Of those graduating in 2016 and 2017, approximately 80 percent are pursuing an advanced degree or are employed in architecture related fields. More specifically, 70 percent are pursuing an advanced degree in architecture and 40 percent are employed in positions related to their field of study. At least two other graduates are pursuing additional degrees.

Final recommendations approved by governing board

PROGRAM REVIEW

FAIRMONT STATE UNIVERSITY	
Program:	Architecture
School:	Fairmont State University
Date:	February 13, 2018

Program Catalog Description:

The B.S. in Architecture provides a sound basis for the pursuit of general knowledge and the first phase of a professional education for the general practice of architecture. The four-year program encompasses a foundation core of design, introductory studies in architectural history and theory, and building technology. Advanced design studios address methodology, and technological and theoretical synthesis through applied studies of a wide range of design inquiries and projects. Successful completion of the degree will prepare students to enter the profession at a more advanced level or pursue a graduate degree from a National Architectural Accreditation Board (NAAB)-accredited school of architecture. Graduates with the baccalaureate degree are qualified for entry-level positions such as designer or engineering technician. They may be employed in architectural offices, engineering offices, corporations or businesses which produce their own in-house construction documents, and construction-related fields.

VIABILITY (§ 4.1.3.1)

Enrollments

Applicants, graduates	**Report using common data base attached here.** The architecture program currently has no special admissions requirements other than those of general admission to the university (see university catalog). The Average ACT score of freshmen is 21.5. The first semester freshman class has averaged 24.5 students over the past five years (as averaged from first semester freshman courses ARCH 1000, 2013-2017). BS Architecture graduates for the corresponding period, Spring 2013-Fall Spring 2017, average 10.8 students per year. Graduates of the architecture program should be able to apply creative problem solving skills to a variety of design oriented problems. Graduates should be able to use the most current media of architectural practice to present and communicate ideas critical to the discipline. Graduates should be prepared to begin work in an architecture or related field at an intern level, or gain admittance to a professional program for continuing education.

ARCH Course Number	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	Total Enrollment over 5 Years
1000	-	18	28	25	37	108
Graduates	9	11	7	14	13	54

<table>
<tr><td>Program courses</td><td>Report using common data base attached here.
Five year course enrollment for all
Architecture program courses is provided below:
<table><tr><th>ARCH Course Number</th><th>2012-2013</th><th>2013-2014</th><th>2014-2015</th><th>2015-2016</th><th>2016-2017</th><th>Total Enrollment over 4 Years</th></tr><tr><td>1000</td><td>-</td><td>18</td><td>28</td><td>25</td><td>37</td><td>108</td></tr><tr><td>1050</td><td>-</td><td>17</td><td>20</td><td>20</td><td>24</td><td>81</td></tr><tr><td>2000</td><td>-</td><td>17</td><td>17</td><td>12</td><td>14</td><td>60</td></tr><tr><td>2010</td><td>-</td><td>-</td><td>18</td><td>17</td><td>18</td><td>53</td></tr><tr><td>2020</td><td>-</td><td>-</td><td>16</td><td>9</td><td>18</td><td>43</td></tr><tr><td>2050</td><td>-</td><td>16</td><td>16</td><td>9</td><td>12</td><td>53</td></tr><tr><td>2060</td><td>-</td><td>13</td><td>16</td><td>12</td><td>14</td><td>55</td></tr><tr><td>3000</td><td>-</td><td>10</td><td>15</td><td>14</td><td>8</td><td>47</td></tr><tr><td>3050</td><td>-</td><td>9</td><td>15</td><td>13</td><td>8</td><td>45</td></tr><tr><td>4000</td><td>-</td><td>14</td><td>9</td><td>14</td><td>14</td><td>51</td></tr><tr><td>4030</td><td>-</td><td>14</td><td>7</td><td>11</td><td>13</td><td>45</td></tr><tr><td>4050</td><td>-</td><td>14</td><td>7</td><td>11</td><td>14</td><td>46</td></tr><tr><td>4060</td><td>-</td><td>14</td><td>8</td><td>14</td><td>14</td><td>50</td></tr></table>
New curriculum introduced in Fall 2013, Courses taught for the first time.
A list of course titles and descriptions are provided in Appendix B.</td></tr>
<tr><td>Service courses</td><td>Report using common data base attached here.
Service Courses Liberal Studies:
None

Service Courses BS Graphic Design Technology
ARCH 1000 Design Fundamentals I

See Five year course enrollment for table does not include non-architecture students.</td></tr>
<tr><td>Success rates Serv Crs</td><td>Report using common data base attached here.
During this academic review period there have been no Liberal Studies Service Courses included in the architecture program.</td></tr>
<tr><td>ext ed/off campus crses</td><td>Report using common data base attached here.
During this academic review period there have been no ext ed/off campus courses offered at this time.</td></tr>
</table>

cost/student credit hour	**Report using common data base attached here.** The average cost per Instructional Credit Hour for students in the School of Science and Technology from 2010-2015 is $159.60. There is no break down for the Architecture program specifically within the college. **College of Science and Technology**

Academic Year	Total Cost Per Student (FTE) Equivalent	Total Cost per Student Credit Hour
2012-13	$4946.00	$164.00
2013-14	$4841.00	$153.00
2014-15	$5,026.00	$153.00
2015-16	Data Unavailable	Data Unavailable
2016-17	Data Unavailable	Data Unavailable

Liberal Studies Requirements Met

All four year degree programs at FSU are required to complete the institutional general studies requirements. The Architecture Program requires students to complete these liberal studies requirements based on the criteria listed below.

B.S. Architecture Program
General Studies Requirements .....36 SEM. HRS.
Prepared by: Philip Freeman

Attribute 1 – Critical Analysis:
MECH 1100 (Satisfied in Major) .....X **REQUIRED**
MECH 1100 is a program required course. It is on the list of required courses

Attribute 2 – Quantitative Literacy:
MATH 1112.....3 **RECOMMENDED**
Students may take a higher pairing of courses that include MATH 1115, 1185, 1186, 1190, 3315, 3316

Attribute 3 – Written Communication:
ENGL 1101 .....3 **REQUIRED**
ENGL 1101 is a university required course.

Attribute 4 – Teamwork:
ARCH 3000 (Satisfied in Major) .....X **REQUIRED**
ARCH 3000 is a program required course. It is on the list of required courses

Attribute 5 – Information Literacy:
ENGL 1102 .....3 **REQUIRED**
ENGL 1102 is a university required course.

Attribute 6 – Technology Literacy:
ARCH 2060 (Satisfied in Major) .....X **REQUIRED**
ARCH 2060 is a program required course. It is on the list of required courses

Attribute 7 – Oral Communication:
ARCH 4000 (Satisfied in Major) .....X **REQUIRED**
ARCH 4000 is a program required course. It is on the list of required courses

Attribute 8 – Citizenship:
Any Course listed in Attribute 8 .....3 **ANY**

Attribute 9 – Ethics:
Any Course listed in Attribute 9 .....3 **ANY**

Attribute 10– Health:
PHED 1100.....2 **RECOMMENDED**

Attribute 11– Interdisciplinary:
Any Course listed in Attribute 11 .....3 **ANY**

Attribute 12 – Arts:
ART 1120 .....3 **RECOMMENDED**

Attribute 13 – Humanities:
Any course listed in Attribute 13 .....3 **ANY**

Attribute 14 – Social Sciences:
Any Course listed in Attribute 14 .....3 **ANY**

Attribute 15 – Natural Science:
PHYS 1101 .....X **REQUIRED**
PHYS 1101 is a program required course. ***This should be added to the list of required courses.***

Attribute 16 – Cultural Awareness:
Any course listed in Attribute 16 .....3 **ANY**

Form from Liberal Studies Attached here

NA

Assessment Requirements

Format developed by Assessment Committee attached here (program goals, assessment, goals being achieved, results for feedback)

The Architecture program has adopted a continuous review/improvement model that aligns with the university model, and allows for utilization of the NAAB criteria for accreditation. Following is the program assessment model as submitted to the accrediting agency.

The FSU 2006-2011 Strategic Plan, Goal 1, directed each academic program to begin a programmatic assessment plan by developing program outcome and identifying direct measures of those outcomes. The learning outcomes approach provides for review of individual courses and programs, and provides a means for determining direction or re-direction as necessary. An assessment of learning outcomes at the course level has been in place for nearly a decade.

The Strategic Plan identifies goals, objectives, and strategies, and is in the initial stages of revision at both the university and college levels.

The program learning outcomes of the architecture program are:

1. Apply critical thinking skills to creatively solve a variety of design problems with respect to culture, context systems, materials, and sustainable principles. *(NAAB Perspectives B, D)*
2. Demonstrate how architectural history, theory, and practice many inform design decisions in a diverse, global society. *(NAAB Perspective E)*
3. Transition to employment/internship and licensure in professional design offices and design and construction related fields. *(NAAB Perspective C)*
4. Assume the role of an architect as a collaborator, communicator, and leader while observing the diverse needs of clients, populations, and communities. *(NAAB Perspective A)*
5. Make informed, ethical and responsible contributions in a diverse and global society to serve the public good. *(NAAB Perspectives D, E)*

Each program objective is coordinated with learning outcomes and objectives at the course level.

The architecture program's self-assessment uses several sources and methods to inform the development of long-range curricular planning.

The University Office of Assessment and Planning facilitates a required peer review process for assessment at the program level annually, where the program assessment process is reviewed by faculty external to the program discipline. Additionally, a 5-year program review is conducted as part of institutional accreditation efforts for evaluating program effectiveness toward objectives, and facilitating program planning.

The architecture program's Professional Advisory Committee (PAC) has a key role in external review of the program. The group is composed of members representing the WV Board of Architects, the AIA, the profession at large, emerging professionals, and alumni. The committee meets annually and participates in a half-day discussion to advise and develop strategies for the program's curricular and extracurricular direction. Committee recommendations are considered and implemented to the pedagogy annually.

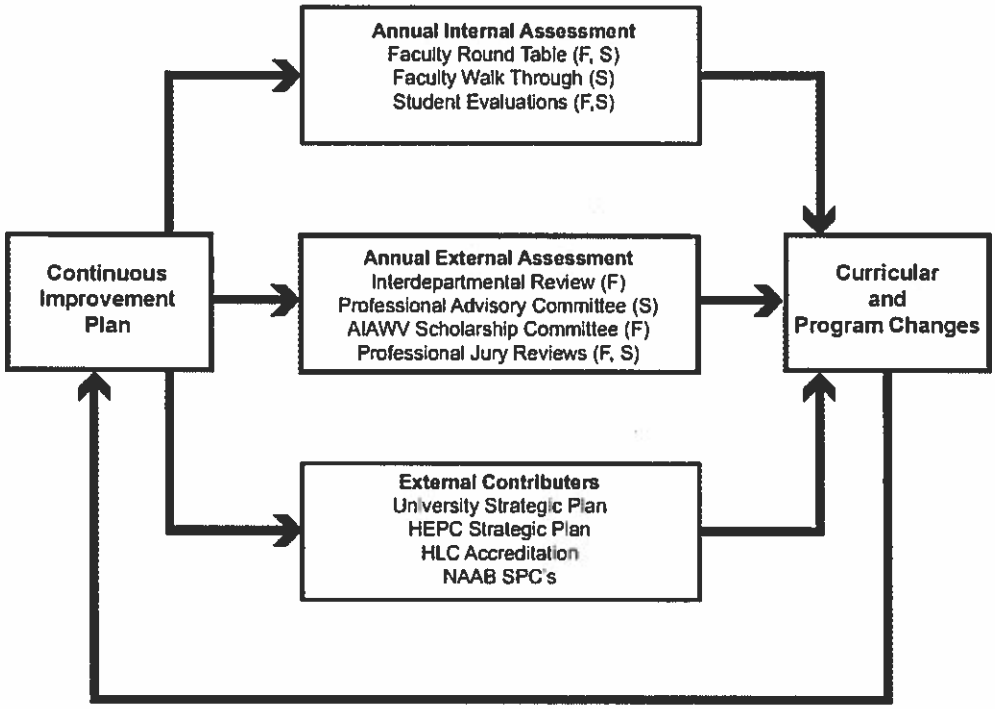
Throughout each academic term, members of the profession, the AIAWV Scholarship Committee, and members of the community participate in various design juries at both the undergraduate and graduate level. Participants provide tangible feedback through evaluation forms and rubrics. Feedback is reviewed and used to inform course pedagogy.

A beginning of the term faculty round table is conducted to set goals and expectations for each course. An end of the semester faculty walk-through is subsequently conducted to revisit course level outcomes and teaching effectiveness. Full-time and adjunct faculty of the architecture program participate in the discussions focusing on progress toward the outcomes and the NAAB SPC's.

Students evaluate each course instructor each semester. These evaluations use the IDEA Form, and are conducted by the university. Students answer specific questions about the course in survey format and are encouraged to write comments. Completed evaluations are reviewed by the Chair and discussed with faculty to address areas of strengths and those that need improvement.

Assessment Events and Tool

Curricular Assessment and Development



F = Fall Semester
S = Spring Semester

Adjunct use

Report using common data base attached here.

Adjunct faculty have been used increasingly as the program has moved toward NAAB accreditation. The program has made a concerted effort to address NAAB concerns about too few faculty by establishing an adjunct community, where adjunct faculty are "participating faculty", engaged beyond just the teaching of courses.

The program currently has an adjunct community of 10 adjunct faculty members.

Adjunct faculty have regularly taught architecture course: ARCH 1000, 1050, 3010, 4030, 4050, 4060.

Graduation/Retention Rates

Report using common data base attached here.

Using the first semester freshman course, ARCH 1000 as point of reference, the average entering freshman class is approximately 27 students. Using the corresponding number of BS graduates over a four-year period as a point of reference, graduates number approximately 10.8 students. The average retention rate over this period is approximately 41.6%.

ARCH Course Number	2013-2014	2014-2015	2015-2016	2016-2017	Total Enrollment over 5 Years
1000	18	28	25	37	108
Graduates	11	7	14	13	45

Previous Program Review Results

Summaries attached here

The most recent program review available (2012) indicates that the program was identified for continuation of the program at the current level of activity.

ADEQUACY (§ 4.2.4.2)

Program Requirements:

Year 1: Freshman First Semester (Fall: 15 Hours)

3	ENGL 1101 Written English [ACT > 18; SAT-1 Crit. Read'g >450; SAT-NEW 480; COMPASS 71; ACCUPLACER >5]
3	MATH 1530 College Algebra [ACT > 21; SAT-1>500; SAT-NEW>530; COMPASS 49; ACCUPLACER Elem Algebra 80 or College Level 50; MATH 1430 w/ C min]
4	ARCH 1000 Design Fundamentals I
3	ART 1120 Art Appreciation
2	PHED 1100 Fitness and Wellness

Year 1: Freshman Second Semester (Spring: 16 Hours)

3	ENGL 1102 Written English [ENGL 1101 w/ C min] Must pass w/ C min for graduation.
3	MATH 1540 Trig and Elementary Functions [MATH 1530 w/ C min]
4	ARCH 1050 Design Fundamentals II [ARCH 1000]
3	GRFX 1111 Imaging I Foundations
3	Citizenship Elective

Year 2: Sophomore First Semester (Fall: 16 Hours)

4	ARCH 2000 Design I: Foundation [ARCH 1050, CR: 2060]
4	ARCH 2060 Building Technology I [CR: ARCH 2000]
3	ARCH 2010 Architectural History I
4	PHYS 1101 Introduction to Physics I [MATH 1540]
1	Architecture Program Elective

Year 2: Sophomore Second Semester (Spring: 16 Hours)

4	ARCH 2050 Design II: Foundation [ARCH 2000]
3	ARCH 2020 Architectural History II [ARCH 2010]
3	MECH 1100 Statics [MATH 1540]
3	Ethics Elective
3	Architecture Program Elective

Year 3: Junior First Semester (Fall: 16 Hours)

6	ARCH 3000 Design III: Site [ARCH 2050, ARCH 2020]
4	MECH 2200 Strength of Materials [MECH 1100 w/C min]
3	Interdisciplinary and Lifelong Learning Elective
3	Architecture Program Elective

Year 3: Junior Second Semester (Spring: 15 Hours)

6	ARCH 3050 Design IV: Urban [ARCH 3000]
3	CIVL 2290 Introduction to Structures [MECH 2200]
3	ARCH 3010 Sustainable Design
3	Humanities Elective

Year 4: Senior First Semester (Fall: 16 Hours)

6	ARCH 4000 Design V: Technology [PR: ARCH 3050, CR: ARCH 4060]
4	ARCH 4060 Building Technology II [CR: ARCH 4000]
3	ARCH 3060 Architecture Portfolio
3	Social Science Elective

Year 4: Senior Second Semester (Spring: 16 Hours)

6	ARCH 4050 Design VI: Design/Build [ARCH 4000, CR: ARCH 4030]
4	ARCH 4030 Mech. & Elec. Systems [CR: ARCH 4050]
3	Cultural Awareness and Human Dignity Elective
3	Architecture Program Elective

126 Hours **Bachelor of Science in Architecture**

The B.S. in Architecture degree requires a minimum of 126 credit hours to serve as the required pre-requisite degree for the accredited M. Arch professional degree

Faculty Data

Faculty Data Sheets Attached Here

Philip M Freeman, AIA, NCARB, Chair, Department of Architecture +Graphics,

Associate Professor of Architecture

Kirk L. Morphew, AIA, NCARB, Professor of Architecture

Robert L. Kelly, Ph.D, AIA, NCARB, Associate Professor of Architecture

See Attached *Faculty Data Sheets Appendix A*

Accreditation/national standards

Executive Summary with date of accreditation attached here
Non-accredited programs report on conforming to national standards

The architecture program is a pre-professional degree and is therefore not eligible for accreditation under the conditions of the National Architectural Accrediting Board (NAAB). As part of an effort to develop a professional degree program that can be accredited by the NAAB, the undergraduate program has undergone a curriculum revision to align it with the Student Performance Criteria used to demonstrate that a graduate should possess the knowledge and skills to meet the minimum demands of an internship leading to registration for practice. The revised curriculum was delivered in 2013, and serves as the critical pre-requisite degree for the accredited degree program.

Compliance with national standards is partially illustrated by the variety of graduating student opportunities in graduate programs in architecture. Students have been accepted with advanced placement in a number of graduate programs and have been accepted to institutions public and private institutions including the "Public Ivy", and the Ivy League.

NECESSITY (§ 4.1.3.3)

Placement and success of graduates

Comprehensive empirical data on graduates is not available. Information regarding placement, starting salary and number employed is obtained through informal contact between faculty and select employers. According to statistics from the American Institute of Architects (AIA) entry level interns in our region have an average starting salary of $45,000 annually.

For graduates matriculating to professional degree programs, informal tracking occurs through the process of recommending students for graduate study, and through informal surveys conducted via social media outlets. Of those graduating over the past two academic years, approximately 100% of those who applied were accepted to graduate programs.

Graduate Status	Number of Architecture Graduates	Number of Graduates Enrolled in Graduate Programs.
2015-2016	14	9
2016-2017	13	6

Similar Programs in WV

There are no other four-year pre-professional architecture programs in West Virginia, nor are there any professional degree programs in the state. Since 1981 the architecture program has been the sole source for architectural education in West Virginia. The primary concern of the program is that graduating students eventually become licensed architects.

As a pre-professional program, students must continue their education in a professional graduate degree program. There continues to be a great need for an accredited architecture degree program in West Virginia. The continued enrollment, interest and number of students who leave annually to pursue professional undergraduate and graduate degrees support our goal of developing our program as an integral part of an accredited professional degree program at Fairmont State.

West Virginia continues spends thousands of dollars per year reimbursing the academic common market for West Virginia students who must leave our state to pursue an accredited degree in architecture as required by the West Virginia Board of Architects in order to be a licensed architect in the state.

CONSISTENCY WITH MISSION (§ 4.1.3.4)

Explain how this program fits into the mission of the institution. Identify the relationship of this program to other programs at the institution, especially in terms of mutual support (e.g. shared faculty, shared facilities, shared course requirements for external program accreditation).

Broadly speaking, the university catalog implies that the mission of Fairmont State is to provide opportunities for individuals to achieve their professional and personal goals and discover roles for responsible citizenship that promote the common good. Specifically, the mission is to provide programs needed by those in its geographic service area.

The architecture program is designed to address conditions that distinguish the character of the surrounding environment and its people. The key components of this program tend to address the built environment of the American small city and the regional uniqueness of their surroundings. All required courses are unified by the common thread of sustainable principles and community considerate design.

The program is uniquely housed in the School of Science and Technology where we rely on faculty from allied disciplines to teach certain technical courses such as MECH 1100, 2200 and CIVL 2290. We share facilities in the Engineering Technology building.

The program has relied for many years on the School of Fine Arts to provide the variety of architecture electives. Greater synthesis with the Graphics Design program, and increased ARCH electives have broadened the opportunity for students to engage in work consistent with the mission of the program and the university. A key example is the Community Design Assistance Center (CDAC) – which serves as an outreach arm of the program. The CDAC places student teams with community groups and municipalities to develop real world design projects to assist with community development.

The architecture program and the WV Foundation for Architecture conduct the Mayfield Lecture, each fall semester, to make the educational community, and community at large more aware of the diverse opportunities in the discipline of architecture.

The program has strong ties to the community. This is partly due to the professional advisory committee, composed of practicing architects from our region. The advisory committee provides input critical to aligning the architecture program with current trends and expectations of the profession.

The Fairmont State chapter of the American Institute of Architecture Students (AIAS) provides educational experiences and opportunities outside of the classroom. The organization also focuses on community outreach.

Freedom by Design, a component of the AIAS, has worked with community groups to provide accessibility assistance for those with disabilities.

As the National Architectural Accrediting Board is the sole agency for architecture program accreditation, there are currently no shared requirements for external program accreditation.

Signatures and Recommendations

The required sheet with signatures and recommendation should be used as a cover sheet.

Appendix A
Faculty Data Sheets

Name: *Philip M Freeman, AIA, NCARB, Chair, Associate Professor of Architecture*

Courses Taught: *(Two academic years prior to visit: Spring 2018)*

ARCH 1050 Design Fundamentals II	*ARCH 4000*	*Design 5: Technology*
ARCH 2050 Design 2: Foundations	*ARCH 4030*	*Mechanical and Electrical*
Systems ARCH 3000 Design 3: Site	*ARCH 5050*	*Comprehensive Design Studio*

ARCH 3085/5085 Architecture Study+Travel
ARCH 3001/5001/6001 Community Design Assistance Center

Educational Credentials:
BSET Architecture, Fairmont State College 1993 - Summa Cum Laude
M.Arch, Virginia Tech, 1997 - Honors

Teaching Experience:
Instructor of Architecture, Fairmont State College, 1997 -1998
Assistant Professor of Architecture, Fairmont State University, 1998 – 2000; 2003 - 2009
Associate Professor of Architecture, Fairmont State University, 2010 - present

Professional Experience:
Design Technician, Stanley Industries Inc., Bridgeport, WV 1993-1995
Intern Architect, WYK Associates, Clarksburg, WV, 1998-1999
Intern Architect, LD Astorino, Pittsburgh, PA, 2000-2002
Head of Design, WYK Associates, Clarksburg, WV, 2002-2005
Owner, Philip M Freeman, Architect, Bridgeport, WV, 2005 – 2013
Architect, Thrasher Architecture, Bridgeport, WV 2014- Present

Licenses/Registration:
NCARB certification: 60290
Registered Architect: West Virginia, Virginia, Pennsylvania

Selected Works and Undergraduate Research
"Small Changes for a Large Impact"– Faculty Mentor, Undergraduate Research Grant, 2007-2008 FSU
"Between Art and Architecture" - Faculty Mentor, Undergraduate Research Grant, 2008-2009 FSU
"Small Changes for a Large Impact- Applications"– Faculty Mentor, Undergraduate Research Grant, 2009
"The Romanian Home" – Faculty Mentor, Undergraduate Research Grant, 2010 FSU
"Small Living" – Faculty Mentor, Undergraduate Research Grant, 2012 FSU
'Water Scarcity in the American Southwest' – Faculty Mentor, Undergraduate Research Grant, 2012
Premier Medical Group Urgent Care Facility, 2008 - 2009, Architect
Premier Medical Group Office Complex, 2010, Architect
Dominion Resources Regional Headquarters, 2014, LEED Gold, Architect (Thrasher Architecture) Boy Scouts of America Welcome Center, 2015-016, Architect (Thrasher Architecture)
Dominion Resources Transmission Western Headquarters, 2016-17, LEED Silver, Architect (Thrasher Architecture)
Dominion Resources Summersville City Plant, 2017, LEED Silver, Architect, Sustainable Design

Professional Memberships:
American Institute of Architects (1998 – 2008; 2014 - present)
West Virginia Society of Architects (1998 – 2008; 2014- present)

Name: Kirk Morphew, AIA, NCARB, LEED AP BD+C, Professor of Architecture

Courses Taught: (Two academic years prior to visit: Spring 2018)

ARCH 1000	Design Fundamentals I
ARCH 2000	Design I: Foundation
ARCH 2060	Building Technology I
ARCH 3010	Sustainable Design
ARCH 3350	Design IV: Urban ARCH
4460	Design VI: Build
ARCH 5560	Arch Design Seminar II - Sustainable

Educational Credentials:
AS, Building Construction Technology, Central Florida Community College, 1981
AA, Liberal Arts, Santa Fe Community College 1982
BS, Sciences Interdisciplinary, University of West Florida 1984
M.Arch, Virginia Tech, 1990

Teaching Experience:
Instructor of Architecture, Fairmont State University, 1991 -1995
Assistant Professor of Architecture, Fairmont State University, 1995 -1997
Assistant Professor of Architecture, Fairmont State University, 2000 - 2003
Associate Professor of Architecture, Fairmont State University, 2003 – 2015
Professor of Architecture, Fairmont State University, 2015 – present

Professional Experience:
Draftsman, James Tatom Architect, Ocala, FL , 1980-1981
Draftsman/Estimator, Amspacher & Amspacher Architects, Pensacola, FL, June 1984-1986
Estimator, Larry Hall Construction, Pensacola, FL, 1986
Project Manager, CRG'd Architects/Planners/Interior Designers, JAX/Ocala, FL , 1987-1988
Project Manager, Robert Winthrop & Associates, Farmville VA, 1997-1999
Project Manager, Blackwood and Associates, Fairmont, West Virginia, 1999-2000

Licenses/Registration:
NCARB certification: 55964
Licensed Architect in Commonwealth of Virginia: 011251

Selected Publications and Recent Research
In Defense of Architecture: Intention, Meaning and Place, 2002 Presidential Lecture, FSU
Existential Phenomenology in the Curriculum of the Architectural Design Studio (paper for WVU 1994) In His Dream Time He Walked (Fairmont State Publication: Cold Fire, 1991)

Professional Memberships:
American Institute of Architects
West Virginia Society of Architects

Name: Robert L. Kelly, PhD, *AIA, NCARB, Associate Professor of Architecture*

Courses Taught: *(Two academic years prior to visit: Spring 2018)*

ARCH 2010	Architectural History I
ARCH 2020	Architectural History II
ARCH 2050	Design II: Foundation
ARCH 5500	Community Design
Studio	
ARCH 5510	Community Design Seminar
ARCH 5550	Comprehensive Design
Studio ARCH 5585	Study + Travel Seminar
ARCH 6610	Adv. Study Proposal Seminar
ARCH 6650	Adv. Architectural Design
Studio ARCH 6670	History/Theory Seminar

Educational Credentials:

Doctor of Philosophy in the History and Theory of Architecture, McGill University, 2002
Master of Architecture II, Syracuse University, 1988
Bachelor of Architecture, University of Kentucky, 1982

Teaching Experience:

Associate Professor of Architecture, Fairmont State University, 2015 – present.
Instructor, Adjunct Professor, Visiting Assistant Professor, University of Kentucky, 1988-2014.
Invited Critic/Juror/Lecturer, Architecture programs throughout the US and Canada. 1987 - present.

Professional Experience:

Project Architect, Studio LC Architects, LLC. Chicago and Lexington, Kentucky. July 2009 to present. Owner and Principal, Robert Louis Kelly Architect, Etc. 1987 to present.
Project Manager, W.L. Martin Construction Co. Inc. Louisville, KY. Summer 1987.
Intern Architect, Martin Hawkins Argabrite Architects, Louisville, KY. February 1985 – May 1987. Intern Architect, Alan Hisel Architect, Lexington, KY. August 1982-February 1985.
Owner, R. Kelly Designer/Builder, Lexington, KY. August 1980 – August 1982.
Designer/Model Builder, Atelier Jose Oubrerie, Lexington, KY. Summer 1980.

Licenses/Registration:

Licensed Architect in Commonwealth of Kentucky: 3315
NCARB Certification: 37319

Selected Publications and Recent Research

Rendered in Brick: The Architecture of Ernst Vern Johnson (1937-1957). NA6600 .R46 2014.
Mobile Architectural Research Community. AHRA, Edinburgh, Scotland, November 2009.
Poetic Making in the Cause of Architecture. Architecture and Phenomenology, Kyoto, Japan, June 2009.
In Search of Michelangelo's Tomb for Julius II. Ph.D. dissertation, NB623.B9 A655 2002a.

Professional Memberships:

American Institute of Architects West Virginia Society of
Architects Society of Architectural Historians
Southeast Society of Architectural Historians

Appendix B
Course Data and Course Description Sheets

The Architecture Program offers the following program courses:

Architecture
(College of Science and Technology)

ARCH 1000 Design Fundamentals I .....4 hrs.
This course is addresses the basic graphic communications skills necessary to express architectural form using traditional methods. topics include: freehand, multi-view, paraline, perspective drawing, and model building.

ARCH 1050 Design Fundamentals II.....4 hrs.
Introduction to computer-aided drafting and design. Will include an introduction to the basic drawing processes of the computer and subsequent application to design solutions in architecture.
PR: ARCH 1050

ARCH 1199/3399 Special Topics in Architecture.....1-12 hrs.
Studies in special selected topics, to be determined by the instructor and approved by the department chairperson. Credits earned will be applicable as free electives in degree and certificate programs.

ARCH 2010 S-FSU Architectural History I.....3 hrs.
This course covers architectural history from prehistoric times through the Gothic period. The emphasis will be on the historical, social and technological factors behind the structures discussed.

ARCH 2020 S-FSU Architectural History II.....3 hrs.
This course is a continuation of architectural history, covering the Renaissance period to the present. The emphasis will be on the historical, social and technological factors behind the structures discussed. PR: ARCH 2010, ENGL 1102
Writing Intensive

ARCH 2000 Design I -Foundation.....4 hrs.
Introduction to developing design methodology and its integration into the process of design. Topics include form studies and theory, and incorporation of these into the design of architectural elements. Introduction of sketching, graphic and modeling skills to communicate design concepts. Emphasis on developing the student's presentation skills. PR: ARCH 1050, CR:ARCH 2060

ARCH 2050 Design II-Foundation .....4 hrs.
A continuing study of design methodology as applicable to the design of simple structures. Emphasis on tectonics, as well as the nature of materials and the site. Further development of sketching, graphic and modeling skills as students learn to understand, interpret, and represent spaces and receive further training in presentation skills. Students will develop a first-year design portfolio. PR: ARCH 2000.

ARCH 2060 Building Technology I .....4 hrs.
Students will study practices utilized in the erection of residential buildings including architectural materials, methods and use, and structural, mechanical and electrical systems. CR: ARCH 2000.

ARCH 3000 Design III-Site.....6 hrs.
This course is a continuation of the design sequence, emphasizing synthesizing programmatic issues of the site, context, and envelope basic design theory. PR: ARCH 2250, CR: ARCH 2050.

ARCH 3001/4001 Community Design Assistance Center 3hr
The CDAC is the outreach arm of the Architecture program, focusing fn projects within the small city context. Student interns facilitate design and planning assistance with community stakeholders. PR: Instructor Approval

ARCH 3050 Design IV- Urban.....6 hrs.
This course explores architectural design within the urban context. Topics include urban design, historic preservation and the social impact of the built environment.
PR: ARCH 3000

ARCH 3060 Architecture Portfolio.....3 hrs.
This course explores the methodology of creating professional and academic portfolios for Architecture students.

ARCH 3080/4080 Architecture Practice Program I & II ...1 – 3 Hrs.
This course offers students the opportunity for selected practical Experience intermingled with an academic background. Students Participate in the NCARB Architectural Experience Program.
PR: Instructor Approval

ARCH 3085 Architecture Study + Travel .....3 hrs.
This course seeks to develop skills students will need in order to explore cultures and civilizations outside the classroom, through an intensive classroom study followed by a field study to one of the world's great cities.

ARCH 4000 Design V - Technology.....6 hrs.
This course encompasses architectural design as an integration of design concept and building technology. Concepts synthesized in the design process include structural systems, mechanical systems and building materials, as well as more sophisticated building design. Advanced graphic communications will be combined with computer applications. Baccalaureate majors only. PR: ARCH 4000, CR: ARCH 4060.

ARCH 4030 Mechanical and Electrical Systems.....4 hrs.
This course is an introduction to the variety of principles and systems at work in a building. Topics emphasized: environmental resources, environmental control, life safety. CR: 4050.

ARCH 4050 Design VI-Build.....6 hrs.
This course examines the relationships between the design Process and the act of building. Concept and reality are studied,

Resulting in a build object. PR: ARCH 4000, CR: ARCH 4030

ARCH 4060 Building Technology II.....4 hrs.
This course is a comprehensive exploration of materials, structural systems and details in the context of commercial building design. Students will produce a set of working drawings for an architectural office setting. PR: ARCH 2060, CR ARCH 4000

ARCH 4998 Undergraduate Research.....0-6 hrs.
Undergraduate research is an experiential learning activity that provides an opportunity for a student to engage in the scholarly activities of their major discipline under the guidance of a faculty mentor who will work in close partnership with each student in his or her formulation of a project, the development of a research strategy, and the assessment of a student's progress. The primary goal is for each student scholar to conduct an inquiry or investigation that makes an original, intellectual or creative contribution to their discipline and which is shared in an appropriate venue. Sophomore-Senior Level, Repeatable. Instructor approval required.