

Project Management 5.0

FAIL

TO AUTHENTICATE THIS SCORE GO TO: <http://verify.ncarb.org>

CANDIDATE NAME **Drew Smith**

ADDRESS

NCARB RECORD NO

JURISDICTION

DIVISION **Project Management 5.0**

TEST RESULT **Fail**

REGISTRATION ID

TEST DATE **08-07-2023**

SCALED SCORE* **518**

*Scaled results range from 100 to 800 with a result of 550 representing the minimum threshold of acceptable performance. This scale allows candidates to have a common metric for interpreting scores across administrations and divisions. Scaled scores are not available for exams taken prior to June 1, 2022.

Project Management 5.0

ARE[®] SCORE REPORT

TO AUTHENTICATE THIS SCORE GO TO: <http://verify.ncarb.org>

DIVISION STATEMENT

Administer contract requirements and competently deliver project services; organize a team to design and produce contract documents; coordinate project team activities and budget; communicate information to all constituents; develop a project schedule that defines tasks and meets milestones.

SECTION 1:

RESOURCE MANAGEMENT

(7-13 percent of scored items)

- 1.1 Determine criteria required to assemble team
- 1.2 Assess criteria required to allocate and manage project resources

SECTION 2:

PROJECT WORK PLANNING

(17-23 percent of scored items)

- 2.1 Develop and maintain project work plan
- 2.2 Determine criteria required to develop and maintain project schedule
- 2.3 Determine appropriate communication to project team – owner, contractor, consultants, and internal staff

SECTION 3:

CONTRACTS

(25-31 percent of scored items)

- 3.1 Evaluate and verify adherence to owner/architect agreement
- 3.2 Interpret key elements of, and verify adherence to architect/consultant agreement
- 3.3 Interpret key elements of the owner/contractor agreement
- 3.4 Interpret key elements of the owner/architect agreement to integrate an owner's consultant's work into the project

SECTION 4:

PROJECT EXECUTION

(17-23 percent of scored items)

- 4.1 Evaluate compliance with construction budget
- 4.2 Evaluate and address changes in scope of work and scope creep
- 4.3 Evaluate project documentation to ensure it supports the specified delivery method
- 4.4 Identify and conform with the requirements set forth by authorities having jurisdiction in order to obtain approvals for the project

SECTION 5:

PROJECT QUALITY CONTROL

(19-25 percent of scored items)

- 5.1 Apply procedures required for adherence to laws and regulations relating to the project
- 5.2 Identify steps in maintaining project quality control, and reducing risks and liabilities
- 5.3 Perform quality control reviews of project documentation throughout life of project
- 5.4 Evaluate management of the design process to maintain integrity of design objectives

This division of the ARE contains five sections as described in the score report. The information in the table below details the composition of this division and your performance within each section at the time of the assessment. On this division, candidates must correctly answer between 59% - 71% of the total number of scored questions to receive a passing score. The passing score may vary between different divisions or administrations based on the relative difficulty of the items on each exam form. This ensures that all candidates are held to the same level of competency.

Your scaled score as reported on page 1 is based on the total points you earned across all sections and is a more reliable measure than your section performance. The fail decision for this attempt was based on your total score and is a reliable reflection of your expected performance until you gain further competence. You must earn a pass in a single administration as no partial credit is accumulated from this or previous attempts at this division.

Section	Your % Correct ¹	Passing Candidates % Correct ²
Content Area 1: Resource Management	57%	74%
Content Area 2: Project Work Planning	71%	72%
Content Area 3: Contracts	57%	74%
Content Area 4: Project Execution	76%	72%
Content Area 5: Project Quality Control	73%	70%

1. **Your % Correct** is the percentage of scored questions you answered correctly in each content area.

2. The **Passing Candidates % Correct** is the average percentage of scored questions answered correctly by candidates who previously passed this division.

Project Management 5.0

TO AUTHENTICATE THIS SCORE GO TO: <http://verify.ncarb.org>

PASS

Expires:

CANDIDATE NAME **Drew Smith**

ADDRESS

NCARB RECORD NO

JURISDICTION

DIVISION **Project Management 5.0**

TEST RESULT **Pass**

REGISTRATION ID

TEST DATE **10-09-2023**

Project Management 5.0**ARE® SCORE REPORT**TO AUTHENTICATE THIS SCORE GO TO: <http://verify.ncarb.org>**DIVISION STATEMENT**

Administer contract requirements and competently deliver project services; organize a team to design and produce contract documents; coordinate project team activities and budget; communicate information to all constituents; develop a project schedule that defines tasks and meets milestones.

SECTION 1:**RESOURCE MANAGEMENT**

(7-13 percent of scored items)

- 1.1 Determine criteria required to assemble team
- 1.2 Assess criteria required to allocate and manage project resources

SECTION 2:**PROJECT WORK PLANNING**

(17-23 percent of scored items)

- 2.1 Develop and maintain project work plan
- 2.2 Determine criteria required to develop and maintain project schedule
- 2.3 Determine appropriate communication to project team – owner, contractor, consultants, and internal staff

SECTION 3:**CONTRACTS**

(25-31 percent of scored items)

- 3.1 Evaluate and verify adherence to owner/architect agreement
- 3.2 Interpret key elements of, and verify adherence to architect/consultant agreement
- 3.3 Interpret key elements of the owner/contractor agreement
- 3.4 Interpret key elements of the owner/architect agreement to integrate an owner's consultant's work into the project

SECTION 4:**PROJECT EXECUTION**

(17-23 percent of scored items)

- 4.1 Evaluate compliance with construction budget
- 4.2 Evaluate and address changes in scope of work and scope creep
- 4.3 Evaluate project documentation to ensure it supports the specified delivery method
- 4.4 Identify and conform with the requirements set forth by authorities having jurisdiction in order to obtain approvals for the project

SECTION 5:**PROJECT QUALITY CONTROL**

(19-25 percent of scored items)

- 5.1 Apply procedures required for adherence to laws and regulations relating to the project
- 5.2 Identify steps in maintaining project quality control, and reducing risks and liabilities
- 5.3 Perform quality control reviews of project documentation throughout life of project
- 5.4 Evaluate management of the design process to maintain integrity of design objectives



Practice Management 5.0

TO AUTHENTICATE THIS SCORE GO TO: <http://verify.ncarb.org>

PASS

Expires:

CANDIDATE NAME **Drew Smith**

ADDRESS

NCARB RECORD NO

JURISDICTION

DIVISION **Practice Management 5.0**

TEST RESULT **Pass**

REGISTRATION ID

TEST DATE **09-08-2023**

Practice Management 5.0**ARE® SCORE REPORT**TO AUTHENTICATE THIS SCORE GO TO: <http://verify.ncarb.org>**DIVISION STATEMENT**

Apply competent delivery of professional architectural services; apply the laws and regulations of architectural practice; evaluate legal, ethical, and contractual standards in the performance of architectural tasks.

SECTION 1:**BUSINESS OPERATIONS**

(20-26 percent of scored items)

- 1.1 Assess resources within the practice
- 1.2 Apply the regulations and requirements governing the work environment
- 1.3 Apply ethical standards to comply with accepted principles within a given situation
- 1.4 Apply appropriate Standard of Care within a given situation

SECTION 2:**FINANCES, RISK, & DEVELOPMENT OF PRACTICE**

(29-35 percent of scored items)

- 2.1 Evaluate the financial well-being of the practice
- 2.2 Identify practice policies and methodologies for risk, legal exposures, and resolutions
- 2.3 Select and apply practice strategies for a given business situation and policy

SECTION 3:**PRACTICE-WIDE DELIVERY OF SERVICES**

(22-28 percent of scored items)

- 3.1 Analyze and determine response for client services requests
- 3.2 Analyze applicability of contract types and delivery methods
- 3.3 Determine potential risk and/or reward of a project and its impact on the practice

SECTION 4:**PRACTICE METHODOLOGIES**

(17-23 percent of scored items)

- 4.1 Analyze the impact of practice methodologies relative to structure and organization of the practice
- 4.2 Evaluate design, coordination, and documentation methodologies for the practice



Construction & Evaluation 5.0

TO AUTHENTICATE THIS SCORE GO TO: <http://verify.ncarb.org>

PASS

Expires:

CANDIDATE NAME **Drew Smith**

ADDRESS

NCARB RECORD NO

JURISDICTION

DIVISION **Construction & Evaluation 5.0**

TEST RESULT **Pass**

REGISTRATION ID

TEST DATE **11-01-2023**

Construction & Evaluation 5.0**ARE[®] SCORE REPORT**TO AUTHENTICATE THIS SCORE GO TO: <http://verify.ncarb.org>**DIVISION STATEMENT**

Deliver professional services during project construction; translate construction documents and specifications to communicate and bring clarity to design intent; coordinate construction activities to meet design intent; evaluate completed projects.

SECTION 1:**PRECONSTRUCTION ACTIVITIES**

(17-23 percent of scored items)

- 1.1 Interpret the architect's roles and responsibilities during preconstruction based on delivery method
- 1.2 Analyze criteria for selecting contractors
- 1.3 Analyze aspects of the contract or design to adjust project costs

SECTION 2:**CONSTRUCTION OBSERVATION**

(32-38 percent of scored items)

- 2.1 Evaluate the architect's role during construction activities
- 2.2 Evaluate construction conformance with contract documents, codes, regulations, and sustainability requirements
- 2.3 Determine construction progress

SECTION 3:**ADMINISTRATIVE PROCEDURES & PROTOCOLS**

(32-38 percent of scored items)

- 3.1 Determine appropriate additional information to supplement contract documents
- 3.2 Evaluate submittals including shop drawings, samples, mock-ups, product data, and test results
- 3.3 Evaluate the contractor's application for payment
- 3.4 Evaluate responses to non-conformance with contract documents

SECTION 4:**PROJECT CLOSEOUT & EVALUATION**

(7-13 percent of scored items)

- 4.1 Apply procedural concepts to complete close-out activities
- 4.2 Evaluate building design and performance

Project Development & Documentation 5.0

FAIL

TO AUTHENTICATE THIS SCORE GO TO: <http://verify.ncarb.org>

CANDIDATE NAME **Drew Smith**

ADDRESS

NCARB RECORD NO

JURISDICTION

DIVISION **Project Development & Documentation 5.0**

TEST RESULT **Fail**

REGISTRATION ID

TEST DATE **04-29-2024**

SCALED SCORE* **486**

*Scaled results range from 100 to 800 with a result of 550 representing the minimum threshold of acceptable performance. This scale allows candidates to have a common metric for interpreting scores across administrations and divisions. Scaled scores are not available for exams taken prior to June 1, 2022.

Project Development & Documentation 5.0

ARE[®] SCORE REPORT

TO AUTHENTICATE THIS SCORE GO TO: <http://verify.ncarb.org>

DIVISION STATEMENT

Evaluate project documentation for the constructability of a building and site; integrate technical knowledge and information to refine a design; integrate materials and building systems to meet the project design requirements; translate design decisions into appropriate construction documentation.

SECTION 1:

INTEGRATION OF BUILDING MATERIALS & SYSTEMS

(31-37 percent of scored items)

- 1.1 Analyze the integration of architectural systems and technologies to meet project goals
- 1.2 Determine the size of mechanical, electrical, plumbing systems and components to meet project goals
- 1.3 Determine the size of structural systems to meet project goals
- 1.4 Integrate specialty systems such as acoustics, lighting, fire suppression, conveying, security, and communications to meet project goals
- 1.5 Determine how to detail the integration of multiple building systems and technologies
- 1.6 Coordinate mechanical, electrical, plumbing, structural, and specialty systems and technologies

SECTION 2:

CONSTRUCTION DOCUMENTATION

(32-38 percent of scored items)

- 2.1 Determine appropriate documentation of building design
- 2.2 Determine appropriate documentation of site features
- 2.3 Determine appropriate documentation of detailed building drawings within individual architectural systems
- 2.4 Apply standards required to assemble a set of clear and coordinated construction documentation
- 2.5 Determine impact of project changes on documentation requirements and method to communicate those changes to owner and design team

SECTION 3:

PROJECT MANUAL & SPECIFICATIONS

(12-18 percent of scored items)

- 3.1 Identify and prioritize components required to write, maintain, and refine project manual
- 3.2 Identify and prioritize components required to write, maintain, and refine project specifications
- 3.3 Coordinate specifications with construction documentation

SECTION 4:

CODES & REGULATIONS

(8-14 percent of scored items)

- 4.1 Determine adherence to building regulatory requirements (IBC) at detail level
- 4.2 Determine adherence with specialty regulatory requirements at detail level

SECTION 5:

CONSTRUCTION COST ESTIMATES

(2-8 percent of scored items)

- 5.1 Analyze construction cost estimates to confirm alignment with project design

This division of the ARE contains five sections as described in the score report. The information in the table below details the composition of this division and your performance within each section at the time of the assessment. On this division, candidates must correctly answer between 58% - 66% of the total number of scored questions to receive a passing score. The passing score may vary between different divisions or administrations based on the relative difficulty of the items on each exam form. This ensures that all candidates are held to the same level of competency.

Your scaled score as reported on page 1 is based on the total points you earned across all sections and is a more reliable measure than your section performance. The fail decision for this attempt was based on your total score and is a reliable reflection of your expected performance until you gain further competence. You must earn a pass in a single administration as no partial credit is accumulated from this or previous attempts at this division.

Section	Your % Correct ¹	Passing Candidates % Correct ²
Content Area 1: Integration of Building Materials & Systems	51%	62%
Content Area 2: Construction Documentation	46%	73%
Content Area 3: Project Manual & Specifications	50%	66%
Content Area 4: Codes & Regulations	70%	73%
Content Area 5: Construction Cost Estimates	50%	65%

1. **Your % Correct** is the percentage of scored questions you answered correctly in each content area.

2. The **Passing Candidates % Correct** is the average percentage of scored questions answered correctly by candidates who previously passed this division.



Project Planning & Design 5.0

TO AUTHENTICATE THIS SCORE GO TO: <http://verify.ncarb.org>

PASS

Expires:

CANDIDATE NAME **Drew Smith**

ADDRESS

NCARB RECORD NO

JURISDICTION

DIVISION **Project Planning & Design 5.0**

TEST RESULT **Pass**

REGISTRATION ID

TEST DATE **03-04-2024**

Project Planning & Design 5.0**ARE® SCORE REPORT**TO AUTHENTICATE THIS SCORE GO TO: <http://verify.ncarb.org>**DIVISION STATEMENT**

Evaluate project design alternatives; determine if a design meets project parameters including those defined by the client, the environment, and society; select the appropriate building systems and material to meet project goals and regulatory requirements; integrate technical knowledge and information to develop a design.

SECTION 1:**ENVIRONMENTAL CONDITIONS & CONTEXT**

(10-16 percent of scored items)

- 1.1 Determine location of building and site improvements based on site analysis
- 1.2 Determine sustainable principles to apply to design
- 1.3 Determine impact of neighborhood context on the project design

SECTION 2:**CODES & REGULATIONS**

(16-22 percent of scored items)

- 2.1 Apply zoning and environmental regulations to site and building design
- 2.2 Apply building codes to building design
- 2.3 Integrate multiple codes to a project design

SECTION 3:**BUILDING SYSTEMS, MATERIALS, & ASSEMBLIES**

(19-25 percent of scored items)

- 3.1 Determine mechanical, electrical, and plumbing systems
- 3.2 Determine structural systems
- 3.3 Determine special systems such as acoustics, communications, lighting, security, conveying, and fire suppression
- 3.4 Determine materials and assemblies to meet programmatic, budgetary, and regulatory requirements

SECTION 4:**PROJECT INTEGRATION OF PROGRAM & SYSTEMS**

(32-38 percent of scored items)

- 4.1 Determine building configuration
- 4.2 Integrate building systems in the project design
- 4.3 Integrate program requirements into a project design
- 4.4 Integrate environmental and contextual conditions in the project design

SECTION 5:**PROJECT COSTS & BUDGETING**

(8-14 percent of scored items)

- 5.1 Evaluate design alternatives based on the program
- 5.2 Perform cost evaluation
- 5.3 Evaluate cost considerations during the design process



Project Development & Documentation 5.0

TO AUTHENTICATE THIS SCORE GO TO: <http://verify.ncarb.org>

PASS

Expires:

CANDIDATE NAME **Drew Smith**

ADDRESS

NCARB RECORD NO

JURISDICTION

DIVISION **Project Development & Documentation 5.0**

TEST RESULT **Pass**

REGISTRATION ID

TEST DATE **06-28-2024**

Project Development & Documentation 5.0**ARE® SCORE REPORT**TO AUTHENTICATE THIS SCORE GO TO: <http://verify.ncarb.org>**DIVISION STATEMENT**

Evaluate project documentation for the constructability of a building and site; integrate technical knowledge and information to refine a design; integrate materials and building systems to meet the project design requirements; translate design decisions into appropriate construction documentation.

SECTION 1:**INTEGRATION OF BUILDING MATERIALS & SYSTEMS**

(31-37 percent of scored items)

- 1.1 Analyze the integration of architectural systems and technologies to meet project goals
- 1.2 Determine the size of mechanical, electrical, plumbing systems and components to meet project goals
- 1.3 Determine the size of structural systems to meet project goals
- 1.4 Integrate specialty systems such as acoustics, lighting, fire suppression, conveying, security, and communications to meet project goals
- 1.5 Determine how to detail the integration of multiple building systems and technologies
- 1.6 Coordinate mechanical, electrical, plumbing, structural, and specialty systems and technologies

SECTION 2:**CONSTRUCTION DOCUMENTATION**

(32-38 percent of scored items)

- 2.1 Determine appropriate documentation of building design
- 2.2 Determine appropriate documentation of site features
- 2.3 Determine appropriate documentation of detailed building drawings within individual architectural systems
- 2.4 Apply standards required to assemble a set of clear and coordinated construction documentation
- 2.5 Determine impact of project changes on documentation requirements and method to communicate those changes to owner and design team

SECTION 3:**PROJECT MANUAL & SPECIFICATIONS**

(12-18 percent of scored items)

- 3.1 Identify and prioritize components required to write, maintain, and refine project manual
- 3.2 Identify and prioritize components required to write, maintain, and refine project specifications
- 3.3 Coordinate specifications with construction documentation

SECTION 4:**CODES & REGULATIONS**

(8-14 percent of scored items)

- 4.1 Determine adherence to building regulatory requirements (IBC) at detail level
- 4.2 Determine adherence with specialty regulatory requirements at detail level

SECTION 5:**CONSTRUCTION COST ESTIMATES**

(2-8 percent of scored items)

- 5.1 Analyze construction cost estimates to confirm alignment with project design



Programming & Analysis 5.0

TO AUTHENTICATE THIS SCORE GO TO: <http://verify.ncarb.org>

PASS

Expires:

CANDIDATE NAME **Drew Haley Smith**

ADDRESS **807 Socopatoy Court
Auburn, AL 36830**

NCARB RECORD NO **847333**

JURISDICTION **Alabama DR**

DIVISION **Programming & Analysis 5.0**

TEST RESULT **Pass**

REGISTRATION ID **HRN8QY3K**

TEST DATE **12-19-2023**

Programming & Analysis 5.0**ARE® SCORE REPORT**TO AUTHENTICATE THIS SCORE GO TO: <http://verify.ncarb.org>**DIVISION STATEMENT**

Evaluate qualitative and quantitative project requirements; analyze environmental, social and economic requirements of a project; synthesize project requirements based on gathered information.

SECTION 1:**ENVIRONMENTAL & CONTEXTUAL CONDITIONS**

(14-21 percent of scored items)

- 1.1 Evaluate site-specific environmental and socio-cultural opportunities
- 1.2 Evaluate site-specific environmental constraints
- 1.3 Determine optimal use of onsite resources by incorporating sustainability principles

SECTION 2:**CODES & REGULATIONS**

(16-22 percent of scored items)

- 2.1 Identify relevant code requirements for building and site types
- 2.2 Identify relevant zoning and land use requirements
- 2.3 Identify relevant local and site-specific requirements

SECTION 3:**SITE ANALYSIS & PROGRAMMING**

(21-27 percent of scored items)

- 3.1 Evaluate relevant qualitative and quantitative attributes of a site as they relate to a program
- 3.2 Synthesize site reports with other documentation and analysis
- 3.3 Analyze graphical representations regarding site analysis and site programming

SECTION 4:**BUILDING ANALYSIS & PROGRAMMING**

(37-43 percent of scored items)

- 4.1 Evaluate relevant qualitative and quantitative attributes of a new or existing building as they relate to the program
- 4.2 Evaluate documentation, reports, assessments, and analyses to inform the building program
- 4.3 Identify and prioritize components of the building program
- 4.4 Assess spatial and functional relationships for the building program
- 4.5 Recommend a preliminary project budget and schedule
- 4.6 Identify alternatives for building and structural systems for given programmatic requirements, preliminary budget, and schedule
- 4.7 Analyze graphical representations regarding building analysis and building programming