## Autodesk<sup>®</sup> Certified Professional

# CERTÍPORT

# REVIT<sup>®</sup> STRUCTURE

### **CERTIFIED PROFESSIONAL EXAM**

Safety. Performance. Quality. These are the cornerstones of structural engineering. As you seek to elevate your career to new heights, transform yourself into a Certified Professional with Autodesk Revit Structure<sup>®</sup>. This software is the industry standard that drives structural design and analysis.

Becoming an Autodesk Certified Professional can lead to accelerated career development, improved productivity, and enhanced credibility. In short, it can help get you where you want to go.

### **PREPARE FOR SUCCESS**

Your preparation for the exam will be critical. As Autodesk's exclusive provider for the Certified Professional program, Certiport makes Autodesk Revit Structure<sup>®</sup> certification easier with a powerful three-step pathway:

### 1. LEARN

Obtain the skills you need to use Autodesk Revit Structure® at a professional level. Certiport offers content-rich textbooks, online courseware, video resources, and more.

Contact a Certiport sales representative today:

autodeskinfo@pearson.com 1.888.999.9830

www.certiport.com/autodesk



### 2. PRACTICE

Refine your skills with interactive exampreparation tools and practice tests. Build the confidence you need to take the Autodesk Revit Structure<sup>®</sup> Certified Professional Exam.

### **3. CERTIFY**

Validate your skills by passing the exam and receiving your official certificate.

### RECOMMENDED EXPERIENCE LEVELS

There's no substitute for training and handson experience as you prepare for your exam. Certiport recommends the following:

**Training** — Revit Structure<sup>®</sup> 2015 course (or equivalent)

Hands-on Experience — 400 hours

### THE TIME IS NOW

As an Autodesk Revit Architecture<sup>®</sup> Certified Professional, you'll enjoy several career-boosting benefits:

- Prove your skill level with an official, industry-standard credential recognized by employers
- Display the Autodesk Certified logo and your certificate
- Include your name in the database of Autodesk Certified Professionals

# 

### WHAT'S ON THE EXAM?

Refer to the chart on this page for a list of skills covered by this exam.

### AUTODESK CERTIFICATION EXAM TOPICS AND OBJECTIVES

The Autodesk Certified Professional exam contains 35 questions. The majority of these require you to use Revit Structure to create or modify a data file, and then type your answer into an input box. Other question types include multiple choice, matching, and point-and-click. You will have a two-hour time limit (in some countries, the time limit may be extended).

The chart below shows you the skills you will be expected to demonstrate on the exam. Keep in mind that some of the skills listed may not be tested on your specific certification exam; however, you should be prepared to demonstrate your mastery of them all.

### Become an Autodesk Revit Structure<sup>®</sup> Certified Professional

Get started today by visiting www.certiport.com/autodesk, or contact a Certiport sales representative

Create and modify levelsImport AutoCAD files into RevitImport AutoCAD files into Revit AutoCAD files intoRevit AutoCAD files into Revit AutoCAD fil	COLLABORATION	PROFESSIONAL
Import AutoCAD files into RevitImport AutoCAD files into RevitLink Revit modelsImport AutoCAD files into RevitControl the visibility for linked objectsImport AutoCADControl the visibility for linked objectsImport AutoCADDOCUMENTATIONImport AutoCADUsing temporary dimensionsImport AutoCADAnnotate beamsImport AutoCADAdd and use dimensions and dimension labelsImport AutoCADUse detail componentsImport AutoCADCreate and modify text annotationsImport AutoCADCreate and modify standard sheetsImport AutoCADPlace and modify structural columnsImport AutoCADPlace rebarImport AutoCADAdd beamsImport AutoCADAdd beamsImport AutoCADAdd beamsImport AutoCADAdd beamsImport AutoCADCreate and modify torsImport AutoCADCreate and modify loorsImport AutoCADCreate and modify stairsImport AutoCADCreate and modify stairsImport AutoCADCreate and modify stairsImport AutoCADCreate and modify stairsImport AutoCAD </td <td>Create and modify levels</td> <td>1</td>	Create and modify levels	1
Link Revit modelsImage: control the visibility for linked objectsImage: control the visibility for linked objectsControl the visibility for linked objectsImage: control the visibility for linked objectsDOCUMENTATIONImage: control the visibility for linked objectsUsing temporary dimensionsImage: control the visibility for linked objectsAnnotate beamsImage: control the visibility for linked objectsAdd and modify text annotationsImage: control the visibility for linked objectsAdd and use dimensions and dimension labelsImage: control the visibility for linked objectsUse detail componentsImage: control the visibility footing schedulesCreate and modify footing schedulesImage: control the visibility footing schedulesCreate and modify standard sheetsImage: control the visibility footingPlace and modify structural columnsImage: control the visibility footingPlace and modify structural columnsImage: control the visibility footingPlace and modify stepped walls in foundationsImage: control the visibility footingPlace rebarImage: control the visibility footingAdd beamsImage: control the visibility footingAdd poistsImage: control the visibility footingAdd poistsImage: control the visibility footingAdd poistsImage: control the visibility footingAdd pointsImage: control the visibility footingCreate and modify loorsImage: control the visibility footingCreate and modify stairsImage: control the visibility footingCreate and modify stairsIma	Create and modify structural grids	$\checkmark$
Control the visibility for linked objects       /         Control the visibility for linked objects       /         DOCUMENTATION       //         Using temporary dimensions       /         Annotate beams       /         Add and modify text annotations       /         Add and use dimensions and dimension labels       //         Use detail components       //         Create and modify column schedules       //         Create and modify standard sheets       //         Place and modify structural columns       //         Place and modify structural columns       //         Place and modify structural columns       //         Place and modify stepped walls in foundations       //         Create a concrete slabs and/or floors       //         Create and modify topists       //         Add beams       //         Add beams       //         Add joists       //         Add cross bracing to joists       //         Create and modify sloped floors       //         Create and modify sloped floors       //         Add poists       //         Add cross bracing to joists       //         Create and modify sloped floors       //         C	Import AutoCAD files into Revit	1
Control the visibility for linked objects       /         DOCUMENTATION       ////////////////////////////////////	Link Revit models	$\checkmark$
DOCUMENTATIONUsing temporary dimensions	Control the visibility for linked objects	$\checkmark$
Using temporary dimensionsAnnotate beamsAnd and modify text annotationsAdd and use dimensions and dimension labelsUse detail componentsCreate and modify column schedulesCreate and modify storing schedulesCreate and modify standard sheetsMODELINGPlace and modify structural columnsPlace and modify structural columnsPlace and modify stepped wallsCreate and modify stepped walls in foundationsPlace footingsCreate and modify stepped walls in foundationsPlace rebarAdd beamsAdd poistsAdd ross bracing to joistsCreate and modify floorsCreate and modify stepped floorsAdd ross bracing to joistsCreate and modify floorsCreate and modify floorsCreate and modify stepped floorsCreate and modify floorsCreate and modify floorsCreate and modify floorsCreate and modify stairsCreate and modify stair	Control the visibility for linked objects	$\checkmark$
Annotate beamsImage: constraint of the section viewsAdd and modify text annotationsImage: constraint of the section viewsAdd and use dimensions and dimension labelsImage: constraint of the section viewsAdd and use dimensions and dimension labelsImage: constraint of the section viewsUse detail componentsImage: constraint of the section viewsCreate and modify column schedulesImage: constraint of the section viewsCreate and modify standard sheetsImage: constraint of the section viewsPlace and modify structural columnsImage: constraint of the section viewsPlace and modify structural columnsImage: constraint of the section viewsPlace and modify structural columnsImage: constraint of the section viewsPlace footingsImage: constraint of the section viewsCreate custom wall typesImage: constraint of the section viewsPlace footingsImage: constraint of the viewsCreate and modify stepped walls in foundationsImage: constraint of the viewPlace rebarImage: constraint of the viewAdd beamsImage: constraint of the viewAdd poistsImage: constraint of the viewAdd do cross bracing to joistsImage: constraint of the viewCreate and modify sloped floorsImage: constraint of the viewAdd floor openings for stairsImage: constraint of the viewCreate and modify s	DOCUMENTATION	
Add and modify text annotationsImage: Constraint of the section viewsAdd and use dimensions and dimension labelsImage: Constraint of the section viewsUse detail componentsImage: Constraint of the section viewsCreate and modify colum schedulesImage: Constraint of the section viewsCreate and modify standard sheetsImage: Constraint of the section viewsMODELINGImage: Constraint of the section view of the view of th	Using temporary dimensions	$\checkmark$
Add and use dimensions and dimension labelsImage: constraint of the section viewsUse detail componentsImage: constraint of the section viewsCreate and modify column schedulesImage: constraint of the section viewsCreate and modify standard sheetsImage: constraint of the section viewsCreate and modify standard sheetsImage: constraint of the section viewsPlace and modify structural columnsImage: constraint of the section viewsPlace and modify wallsImage: constraint of the section viewsCreate custom wall typesImage: constraint of the section viewsPlace footingsImage: constraint of the section viewsCreate a concrete slabs and/or floorsImage: constraint of the section viewsCreate and modify stepped walls in foundationsImage: constraint of the section viewsAdd beamsImage: constraint of the section viewsAdd cross bracing to joistsImage: constraint of the section viewsCreate and modify custom floorsImage: constraint of the section viewsCreate and modify sloped floorsImage: constraint of the section viewsCreate and modify sloped floorsImage: constraint of the section viewsCreate and modify stairsImage: constraint of the section viewsCreate and modify stairsImage: constraint of the section viewsCreate section viewsImage: constraint of the section viewsCreate framing elevationsImage: constraint of the section viewsCreate framing elevationsImage: constraint of the section viewsCreate framing elevationsImage: constraint of the section views <td>Annotate beams</td> <td><math>\checkmark</math></td>	Annotate beams	$\checkmark$
Use detail components·Use detail components·Create and modify column schedules·Create and modify standard sheets·MODELING·Place and modify structural columns·Place and modify walls·Create custom wall types·Place footings·Create a concrete slabs and/or floors·Create and modify stepped walls in foundations·Place rebar·Add beams·Add beams·Add beams·Add oross bracing to joists·Create and modify sloped floors·Create and modify floors·Add points·Add points·Create and modify floors·Create and modify sloped floors·Add floor openings for stairs·Create and modify stairs·Create and modify ramps·Model and use roofs·VIEWS·Create framing elevations·Create framing elevations·Create framing elevations·Create framing elevations·	Add and modify text annotations	$\checkmark$
Create and modify column schedulesICreate and modify footing schedulesICreate and modify standard sheetsIMODELINGIPlace and modify structural columnsIPlace and modify wallsICreate custom wall typesIPlace footingsICreate a concrete slabs and/or floorsICreate and modify structural columnsIPlace footingsICreate and modify stepped walls in foundationsIPlace rebarIAdd beamsIAdd beamsIAdd joistsICreate and modify floorsICreate and modify sloped floorsICreate and modify sloped floorsICreate and modify stairsICreate and modify stairsICreate and modify stairsICreate and modify rampsIModel and use roofsIVIEWSICreate framing elevationsICreate framing elevationsICreate framing elevationsI	Add and use dimensions and dimension labels	$\checkmark$
Create and modify footing schedulesICreate and modify standard sheetsIMODELINGIPlace and modify structural columnsIPlace and modify wallsICreate custom wall typesIPlace footingsICreate custom wall typesIPlace footingsICreate a concrete slabs and/or floorsICreate and modify stepped walls in foundationsIPlace rebarIAdd beamsIAdd beam systemsIAdd ross bracing to joistsICreate and modify floorsICreate and modify sloped floorsIModel and use roofsIVEWSICreate section viewsICreate framing elevationsICreate framing elevationsICreate framing elevationsI	Use detail components	$\checkmark$
Create and modify standard sheets       ✓         MODELING       ✓         Place and modify structural columns       ✓         Place and modify walls       ✓         Create custom wall types       ✓         Place footings       ✓         Create a concrete slabs and/or floors       ✓         Create and modify stepped walls in foundations       ✓         Place rebar       ✓         Add beams       ✓         Add beam systems       ✓         Add oross bracing to joists       ✓         Create and modify sloped floors       ✓         Create and modify sloped floors       ✓         Add rooss bracing to joists       ✓         Create and modify sloped floors       ✓         Create and modify sloped floors       ✓         Create and modify sloped floors       ✓         Add floor openings for stairs       ✓         Create and modify ramps       ✓         Model and use roofs       ✓         VIEWS       ✓         Create framing elevations       ✓	Create and modify column schedules	$\checkmark$
MODELING         Place and modify structural columns       /         Place and modify walls       /         Create custom wall types       /         Place footings       /         Create a concrete slabs and/or floors       /         Create and modify stepped walls in foundations       /         Place rebar       /         Add beams       /         Add beam systems       /         Add joists       /         Add cross bracing to joists       /         Create and modify sloped floors       /         Add floor openings for stairs       /         Create and modify ramps       /         Model and use roofs       /         VIEWS       /         Create framing elevations       /	Create and modify footing schedules	$\checkmark$
Place and modify structural columnsPlace and modify wallsCreate custom wall typesPlace footingsCreate a concrete slabs and/or floorsCreate and modify stepped walls in foundationsPlace rebarAdd beamsAdd beam systemsAdd cross bracing to joistsCreate and modify floorsCreate and modify stepped walls in foundationsPlace rebarAdd beam systemsAdd cross bracing to joistsCreate and modify floorsCreate and modify floorsCreate and modify sloped floorsAdd floor openings for stairsCreate and modify stairsCreate and modify stairsCreate and modify rampsModel and use roofsVIEWSCreate framing elevationsCreate framing elevations	Create and modify standard sheets	$\checkmark$
Place and modify walls       ✓         Create custom wall types       ✓         Place footings       ✓         Create a concrete slabs and/or floors       ✓         Create and modify stepped walls in foundations       ✓         Place rebar       ✓         Add beams       ✓         Add beam systems       ✓         Add joists       ✓         Add cross bracing to joists       ✓         Create and modify sloped floors       ✓         Create and modify custom floors       ✓         Create and modify sloped floors       ✓         Create and modify sloped floors       ✓         Create and modify stairs       ✓         Create section views <td< td=""><td>MODELING</td><td></td></td<>	MODELING	
Create custom wall types✓Place footings✓Create a concrete slabs and/or floors✓Create and modify stepped walls in foundations✓Place rebar✓Add beams✓Add beam systems✓Add joists✓Add cross bracing to joists✓Create and modify sloped floors✓Create and modify sloped floors✓Create and modify sloped floors✓Create and modify sloped floors✓Create and modify stairs✓Create and modify stairs✓Create and modify stairs✓Create and modify ramps✓Model and use roofs✓VIEWS✓Create framing elevations✓Create framing elevations✓C	Place and modify structural columns	$\checkmark$
Place footingsImage: contract of the section viewsCreate a concrete slabs and/or floorsImage: contract of the section viewsCreate and modify stepped walls in foundationsImage: contract of the section viewsPlace rebarImage: contract of the section viewsAdd beamsImage: contract of the section viewsAdd beamsImage: contract of the section viewsAdd beam systemsImage: contract of the section viewsAdd cross bracing to joistsImage: contract of the section viewsAdd cross bracing to joistsImage: contract of the section viewsCreate and modify floorsImage: contract of the section viewsCreate section viewsImage: contract of the section viewsCreate framing elevationsImage:	Place and modify walls	$\checkmark$
Create a concrete slabs and/or floorsCreate and modify stepped walls in foundationsPlace rebarAdd beamsAdd beam systemsAdd joistsAdd cross bracing to joistsCreate and modify floorsCreate and modify floorsCreate and modify custom floorsCreate and modify sloped floorsAdd floor openings for stairsCreate and modify rampsModel and use roofsVIEWSCreate section viewsCreate framing elevationsCreate framing elevations	Create custom wall types	$\checkmark$
Create and modify stepped walls in foundations✓Place rebar✓Add beams✓Add beam systems✓Add joists✓Add cross bracing to joists✓Add cross bracing to joists✓Create and use trusses✓Create and modify floors✓Create and modify custom floors✓Create and modify sloped floors✓Create and modify sloped floors✓Create and modify sloped floors✓Create and modify stairs✓Create and modify stairs✓Create and modify ramps✓Model and use roofs✓VIEWS✓Create framing elevations✓	Place footings	$\checkmark$
Place rebarImage: constraint of the section viewsAdd beamsImage: constraint of the section viewsAdd beam systemsImage: constraint of the section viewsAdd cross bracing to joistsImage: constraint of the section viewsAdd cross bracing to joistsImage: constraint of the section viewsCreate and modify floorsImage: constraint of the section viewsCreate and modify sloped floorsImage: constraint of the section viewsCreate section viewsImage: constraint of the section viewsCreate framing elevationsImage: constraint of the section viewsCreate framing elevationsImage: constraint of the section viewsCreate framing elevationsImage: constraint of the section views	Create a concrete slabs and/or floors	$\checkmark$
Add beamsImage: Constraint of the systemsAdd beam systemsImage: Constraint of the systemsAdd joistsImage: Constraint of the system of	Create and modify stepped walls in foundations	$\checkmark$
Add beam systems✓Add joists✓Add cross bracing to joists✓Add cross bracing to joists✓Create and use trusses✓Create and modify floors✓Create and modify custom floors✓Create and modify sloped floors✓Add floor openings for stairs✓Create and modify stairs✓Create and modify ramps✓Model and use roofs✓VIEWS✓Create section views✓Create framing elevations✓	Place rebar	$\checkmark$
Add joists✓Add cross bracing to joists✓Create and use trusses✓Create and modify floors✓Create and modify custom floors✓Create and modify sloped floors✓Add floor openings for stairs✓Create and modify stairs✓Create and modify ramps✓Model and use roofs✓VIEWS✓Create section views✓Create framing elevations✓	Add beams	$\checkmark$
Add cross bracing to joistsImage: Constraint of	Add beam systems	$\checkmark$
Create and use trusses✓Create and modify floors✓Create and modify custom floors✓Create and modify sloped floors✓Add floor openings for stairs✓Create and modify stairs✓Create and modify ramps✓Model and use roofs✓VIEWS✓Create section views✓Create framing elevations✓	Add joists	$\checkmark$
Create and modify floors       ✓         Create and modify custom floors       ✓         Create and modify sloped floors       ✓         Add floor openings for stairs       ✓         Create and modify stairs       ✓         Create and modify ramps       ✓         Model and use roofs       ✓         VIEWS       ✓         Create framing elevations       ✓	Add cross bracing to joists	$\checkmark$
Create and modify custom floors✓Create and modify sloped floors✓Add floor openings for stairs✓Create and modify stairs✓Create and modify ramps✓Model and use roofs✓VIEWS✓Create section views✓Create framing elevations✓	Create and use trusses	$\checkmark$
Create and modify sloped floors✓Add floor openings for stairs✓Create and modify stairs✓Create and modify ramps✓Model and use roofs✓VIEWS✓Create section views✓Create framing elevations✓	Create and modify floors	$\checkmark$
Add floor openings for stairs✓Create and modify stairs✓Create and modify ramps✓Model and use roofs✓VIEWS✓Create section views✓Create framing elevations✓	Create and modify custom floors	$\checkmark$
Create and modify stairs     ✓       Create and modify ramps     ✓       Model and use roofs     ✓       VIEWS     ✓       Create section views     ✓       Create framing elevations     ✓	Create and modify sloped floors	$\checkmark$
Create and modify ramps✓Model and use roofs✓VIEWS✓Create section views✓Create framing elevations✓	Add floor openings for stairs	$\checkmark$
Model and use roofs     ✓       VIEWS     ✓       Create section views     ✓       Create framing elevations     ✓	Create and modify stairs	$\checkmark$
VIEWS       Create section views       ✓       Create framing elevations	Create and modify ramps	$\checkmark$
Create section views  Create framing elevations	Model and use roofs	$\checkmark$
Create framing elevations	VIEWS	
	Create section views	1
Use callout views 🗸	Create framing elevations	$\checkmark$
	Use callout views	1