

# PROFESSIONAL AND CONTINUING EDUCATION

CATALOG



WESTMINSTER  
COLLEGE

2022-23

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# PROFESSIONAL AND CONTINUING EDUCATION (NON-CREDIT)

## 2022-2023 PROFESSIONAL AND CONTINUING EDUCATION

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### PACE Policies & Procedures

Programs
Arts Education (sponsored by School of Education)
Leadership Certificate Program
Lean Six Sigma Green Belt Certificate Program
Lean Six Sigma Green Belt Certificate Program - DFS Custom
Lean Six Sigma Black Belt Certificate Program
Basic Construction Management Certificate
Advanced Construction Management Certificate
Process and Project Management Certificate (PPMC)
Advanced Project Management Certificate

### PACE POLICIES AND PROCEDURES

#### Admission to Non-Credit Programs

Continuing Education students are not required to complete a formal application to Westminster College. Program admission is conferred as part of a student's registration process (see "Registration" below).

#### Expenses

Each non-credit student registering at the college is charged either a flat fee or a cost per Continuing Education Unit (CEU) fee, depending on the program. The Board of Trustees of Westminster College reserves the right to change tuition and fees at any time. No additional fees are incurred, unless specifically stated in the program description.

Payment of tuition and fees is due before the starting date of a program, or students may be withdrawn by the program department. Students wishing to have an employer cover tuition and fees must coordinate with the Student Account Services office to facilitate this process.

#### Continuing Education Units

Non-credit courses are recorded as Continuing Education Units or CEUs. One CEU represents 10 contact hours of instruction and learning activities. CEUs are generally not transferrable to other institutions.

#### Registration

Registration for non-credit courses occurs through the respective program coordinator who relays that information to the college's Registrar's Office.

#### Holds

The college may place administrative holds for students with outstanding financial obligations, overdue library books, library fines, bad checks, or other obligations to the college. Once a hold has been placed, students may be prevented from registering or obtaining diplomas or official transcripts until the obligation is met.

#### Drop & Withdrawal

Dates for dropping courses (no permanent records or charges) or withdrawing (charges apply but final grade is W) correspond to the College's academic calendar for term-length courses or are set by each program coordinator for courses of various duration.

#### Grading

Grading for non-credit courses at Westminster is as follows:

SC—Successfully Completed

NC—Not Completed

W—Withdrawn

## Graduation

Students completing all requirements for certificate programs will have an application to graduate submitted to the Registrar's Office by the program department. Upon verification of completion, the registrar's office will record the completion on the student's permanent records, prepare a certificate document, and deliver it to the corresponding program coordinator for distribution.

## Information Services

### Canvas

Canvas is Westminster's online learning management system. It includes online tools such as syllabi, discussion boards, electronic reserves and more. Students and faculty are automatically loaded into their Canvas courses at the start of the semester. Students dropped from Canvas are not considered dropped from courses officially and are still responsible for all tuition charges.

### Email Accounts

Each student is provided with a Microsoft Outlook e-mail account when they are accepted as a student. This campus e-mail system provides the e-mail address of all the students, staff, and faculty at Westminster. Students are required to check their campus e-mail frequently because important information is sent to students via e-mail, such as registration deadlines, campus events and activities, or general school announcements. Instructors also use Microsoft Outlook to contact students with specific class information. For instructions on how to check student e-mail or linking college email to an off-campus email address, please contact the Help Desk in the garden level of the Giovale Library, submit a [Help Desk Request](#), or call the IS Support Phone at 801.832.2023.

## Transcripts

Specific information for ordering official transcripts may be found on the [Registrar's Office](#) webpage.

## Academic Grievance

Students have the right to appeal or petition an academic decision. The student must make the appeal or petition, in writing, in accordance with the applicable school or program procedure. Please see the Director of Professional and Continuing Education or program director for a copy of the procedure. Written appeals must be submitted during the first four weeks into the next semester and must include documentary evidence that the student feels has a bearing upon the request.

A faculty committee from the school involved reviews the appeal. The student may be present at the hearing. The decision of the faculty appeals committee will be reported to the student within five school days of the hearing.

If the decision of the faculty committee within the school is not acceptable to the student, the student may file a written appeal to the provost within five (5) school days following notification of the faculty committee. The provost will assemble a committee, consisting of the dean of students and deans of the schools not involved to consider the appeal. All materials included in the faculty's deliberations, including the student's written appeal and the proceedings of the faculty hearing, are made available to this provost committee and become part of the proceedings. The hearing before the provost committee will be held within fifteen (15) school days of receipt of the written appeal. The student may be present at the provost committee hearing. The student and faculty representatives may call members of the college as supporting witnesses. The decision of the provost committee is reported to the student within five (5) school days of the date of the hearing.

Note: The individual school grievance process must happen before the grievance goes to the Provost's office. Decisions of the Provost's Committee are final. Students have the right to continue their enrollment and participation in academic programs until final decisions are reached. Failure of students to file appeals within specified time limits is considered acknowledgment of the action without intent to appeal.

## Academic Honesty

Westminster College of Salt Lake City operates on the assumption that all academic work is the honest product of each student's own endeavors. The faculty and staff at Westminster expect such integrity from the students, and violations are cause for disciplinary action, including suspension, probation, loss of credit, or expulsion from the college.

Academic dishonesty includes, but is not limited to, cheating, plagiarism, and furnishing false or misleading information to any faculty or staff member.

Cheating on examinations includes, but is not restricted to, copying from another student's exam paper, using unauthorized notes during an exam, arranging for a substitute to take an examination, or giving or receiving unauthorized information prior to an exam.

Cheating on written assignments includes plagiarism, unauthorized collaboration with others or submitting the same material for more than one class without the authorization of the instructor.

Plagiarism includes borrowing information or ideas, whether directly quoted or paraphrased, from any source beyond one's first-hand experience and not acknowledging the source. The student must give credit to the material by identifying the source, using one of the generally accepted citation methods.

Initially, sanctions are the responsibility of the class instructor. The instructor may simply reprimand the student, or may demand the work be repeated, or may give a failing grade for the assignment or exam in question, or may give a failing grade for the entire course. In each case, a short report of the incident will be filed with the appropriate academic dean.

In the case of repeated or more serious violations, the faculty member may recommend to the dean that the student be put on probation, suspended, or expelled from the college. The dean's recommendation will then be sent to the Dean of Students.

Students may appeal such decisions to the Academic Grievance Committee. In the case of an appeal, the student has the right to be present at the hearing and refute the charges. A written copy of the decision will be distributed to all involved parties within 72 hours of the hearing.

**Disclaimer:** Policy issues not specifically addressed in this catalog will be addressed using the relevant policies for undergraduate students or can be referred to the Director of Professional and Continuing Education and/or the College Curriculum Committee for resolution.

## ADVANCED CONSTRUCTION MANAGEMENT CERTIFICATE

Westminster's Advanced Construction Management Training certificate program (APMC) uses a project-based approach where students learn and master skills through real-world business applications while receiving mentoring from Westminster instructors who are certified project and construction management experts. Students are mentored toward mastery of concept and execution by expert faculty-coaches while engaging in projects related to their real work environment. The program curriculum is tied to the industry recognized certificates students need to perform at a highly proficient level.

Those seeking this credential must have passed the NACP Basic Construction Management Professional (BCMP) exam and have a minimum of two years of experience managing construction teams. They must then participate in a series of two practical exams (one in-person exam and one online exam) and achieve a combined average score of 3.3 (out of a possible 5.0) on their final assessment report.

During the Advanced Construction Management Training Certificate students will participate in a Construction Management Simulation Course—this three-day (24 hours) workshop allows students to apply construction management principles to a simulated project. Students receive rigorous, repeated practice of advanced construction management principles.

Student will then participate in a ACMP Assessment—this advanced assessment, (90 hours), is composed of a self-assessment, a scenario-based assessment, and a supervisor's assessment. A participant's performance in each area is fed into an algorithm that provides a score for the participant in twelve construction management areas. The algorithm also provides a comprehensive score for the participant. Students who successfully complete the certificate will receive:

- ACMP Credential — this credential is awarded by the NACP. The required pass rate for this assessment is a comprehensive score above 3.3, with all area scores above 3.0.
- ACMC Program Certificate — this certificate is awarded by Westminster College.

### Course Description

**Courses are awarded as Continuing Education Units or CEUs. CEUs are generally not transferable to other institutions.**

PACE	43	Advanced Construction Management Certificate	3.2 CEUs
<p>Westminster's Advanced Construction Management Training certificate program (ACMC), uses a project-based approach where students learn and master skills through real-world business applications while receiving mentoring from Westminster instructors who are certified project and construction management experts. Students are mentored toward mastery of concept and execution by expert faculty-coaches while engaging in projects related to their real work environment. The program curriculum is tied to the industry recognized certificates students need to perform at a highly proficient level.</p> <p>During the Advanced Construction Management Training Certificate students will participate in a Construction Management Simulation Course—this three-day (24 hours) workshop allows students to apply construction management principles to a simulated project. Students receive rigorous, repeated practice of advanced construction management principles.</p> <p>Student will then participate in a ACMP Assessment—this advanced assessment, (90 hours), is composed of a self-assessment, a scenario-based assessment, and a supervisor's assessment. A participant's performance in each area is fed into an algorithm that provides a score for the participant in twelve construction management areas. The algorithm also provides a comprehensive score for the participant. Students who successfully complete the certificate will receive:</p> <p>ACMP Credential—this credential is awarded by the NACP. The required pass rate for this assessment is a comprehensive score above 3.3, with all area scores above 3.0.</p> <p>ACMC Program Certificate—this certificate is awarded by Westminster College.</p>			

## ADVANCED PROJECT MANAGEMENT CERTIFICATE

Westminster's Advanced Project Management Training certificate program (APMC) consists of a three-section, project-based approach where participants learn and master skills through real-world business applications while receiving mentoring from Westminster instructors who are certified project management experts. Participants are mentored toward mastery of concept and execution by expert faculty-coaches while engaging in projects related to their real work environment. The program curriculum is tied to the industry recognized certificates participants need to perform at a highly proficient level.

The beginning section, Project Management Fundamentals, consists of ten online modules, each with an anticipated completion time of 45 hours. Some supplemental reading is also required. Modules are:

1. Project Management Fundamentals
2. Project Scope Management
3. Project Time Management
4. Project Cost Management
5. Project Quality Management
6. Project Human Resource Management
7. Project Communication Management
8. Project Risk Management
9. Project Stakeholder Management
10. Control

The second section, Intermediate Project Management Principles, consists of two instructor-led, simulation modules, with an anticipated completion time of 90 hours. Modules are:

1. Project Management Training Camp
2. Guiding Organizational Change

The third section, Advanced Project Management Concepts, consists of two modules. The first is an instructor-led, intensive exam prep course, consisting of 90 clock hours and designed to provide students the knowledge and skills needed to pass the Project Management Professional (PMP) or Certified Associate in Project Management (CAPM) examinations. The second module is online, consisting of 45 clock hours, and focuses on project leadership and teambuilding.

## Course Description

Courses are awarded as Continuing Education Units or CEUs. CEUs are generally not transferable to other institutions. Successful completion of the certificate program helps participants prepare for the Project Management Professional (PMP) or Certified Associate in Project Management (CAPM) exams. These proctored, nationally normed, criterion-referenced certification exams are administered by the Project Management Institute and are not included as part of the program.

<b>PACE</b>	<b>45</b>	<b>Advanced Project Management Certificate</b>	<b>59.8 CEUs</b>
<p>Westminster's Advanced Project Management certificate program (APMC) consists of a 3-section, project-based approach where participants learn and master skills through real-world business applications and simulations while receiving mentoring from Westminster instructors who are certified project management experts. Participants are mentored toward mastery of concept and execution by expert faculty coaches while engaging in projects related to their real work environment. The program curriculum is tied to the industry-recognized certifications participants need to perform at a highly proficient level.</p> <p>Successful completion of the certificate program helps participants prepare for the Project Management Professional (PMP) or Certified Associate in Project Management (CAPM) exams. These proctored, nationally normed, criterion-referenced certification exams are administered by the Project Management Institute and are not included as part of the program. Students will be awarded the Advanced Project Management Certificate from Westminster College.</p>			

## ARTS EDUCATION

### Faculty: Rebecca Penerosa

#### Program Goals

In this program, participants will learn and practice elementary arts integration methodologies and assessment strategies for all major art forms including music, dance, drama, visual arts, literary arts, and media arts. Teaching in an integrative fashion, using the arts to enhance learning across the curriculum, will be emphasized.

#### Objectives

The Arts Education (AED) Continuing Education Program offers continuing education units that meet the requirements for select categories under the Elementary Arts Integration Endorsement offered in conjunction with the Utah State Board of Education. These CEU offerings will address effective practice and research-based strategies to inform leadership and foster partnerships to support arts education. The progressive pedagogical approach of arts integration will be the key focus, including: access, equity, inclusion, and diversified instructional strategies. In addition, these courses will involve the community through teacher outreach and provide a means for increased awareness in critical consciousness and action as participants strive to earn and share their endorsement for arts integrated instruction. The first half of the mission of the Beverley Taylor Sorenson Arts Learning Program is to "increase the quality and quantity of arts education for elementary students". By sharing carefully crafted arts integration strategies and curriculum with teachers across the globe, our local specialists, teachers, and pre-service educators will gain further insight into best practices as well as increase the quality and quantity of arts education access both in their own community schools and abroad.

#### Program Requirements

Curriculum Summary	CEUs
<b>Context, Integration, Assessment</b>	
AED 01 Arts Integration Methods	3
<b>Art Form Basic Knowledge and Skills</b>	
AED 02 Content Methods (in either Dance, Music, Visual Arts, or Drama)	1-3
<b>Arts Participation in Educator Events</b>	
AED 03 ArtsConnect International Rwanda	4
AED 04 Arts Education Workshop(s)/Professional Development	1-3
AED 05 Arts Education Directed Study	1-4

#### Course Descriptions

**Non-credit courses are recorded as Continuing Education Units or CEUs. One CEU represents 10 contact hours of instruction and learning activities. CEUs are generally not transferable to other institutions. Participants will need to attend all classes to earn full credit for endorsement.**

<b>AED</b>	<b>01</b>	<b>Arts Integration Methods</b>	<b>(3)</b>
<p>In this course, participants will learn and practice elementary arts integration methodologies and assessment strategies for all major art forms including music, dance, drama, visual arts, literary arts, and media arts. This course will meet the Context, Integration, and Assessment requirements for the Utah State Elementary Arts Integration Endorsement.</p>			

<b>AED</b>	<b>02</b>	<b>Content Methods (in either Dance, Music, Visual Arts, or Drama)</b>	<b>(1-3)</b>
In this course, participants will learn and practice elementary arts methodologies and assessment strategies in either dance, music, visual arts, or drama. As a continuation course to AED 01, students will experience a deeper dive into arts-integrated curricular design in their chosen art form. All students will register for this course, regardless of their chosen art form, and then break-out into smaller sections to explore appropriate strategies and current best practices for elementary children learning in the arts. This course has been designed to meet the Basic Knowledge requirements in the field of music for the Utah State Elementary Arts Integration Endorsement.			
<b>AED</b>	<b>03</b>	<b>ArtsConnect International Rwanda</b>	<b>(4)</b>
This 11-day course experience in Rwanda will be an educational exchange, where select BTSALP Specialists provide a 4-day professional development training and implementation for teacher-trainers in Rwanda. Similarly, these specialists will endeavor to learn how the arts and community building have sustained and propelled the Rwandan people to recover and rebuild following the genocide of 1994.			
<b>AED</b>	<b>04</b>	<b>Arts Education Workshop(s)/ Professional Development</b>	<b>(1-3)</b>
In this course, participants will have the opportunity to receive CEU credit for various workshops and professional development opportunities offered through Westminster College in arts education and arts integration. Continuing education students will experience teaching in an integrative fashion, using the arts to enhance learning across the curriculum will be emphasized.			
<b>AED</b>	<b>05</b>	<b>Arts Education Directed Study</b>	<b>(1-4)</b>
In this course, participants will have the opportunity to receive CEU credit for arts-specific coursework. This is both an experiential and tutorial-based course used for student-initiated proposals for intensive individual and/or small group study of topics not otherwise offered in the arts education continuing education program. Upon approval, these courses will meet certain requirements for one or more of the elementary arts endorsements in either: dance, music, visual arts or drama. Requires Director approval. This course is repeatable for credit.			

## BASIC CONSTRUCTION MANAGEMENT CERTIFICATE

Westminster's Basic Project Management Training certificate program (BPMC) consists of a project-based approach where participants learn and master skills through real-world business applications while receiving mentoring from Westminster instructors who are certified project and construction management experts. Participants are mentored toward mastery of concept and execution by expert faculty-coaches while engaging in projects related to their real work environment. The program curriculum is tied to the industry recognized certificates participants need to perform at a highly proficient level. The program consists of the following areas of focus:

- BCMP Exam Preparation Course—this three-day (24 hours) workshop provides an overview of basic construction management principles and prepares participants to pass the BCMP Exam.
- BCMP Exam—this exam is a comprehensive assessment of a participant's understanding of basic construction management principles.
- BCMP Credential—this credential is awarded by the NACP to students who successfully complete Stage 1 of the ACMC program. The required pass rate for the exam is 70%.

### Course Description

Courses are awarded as Continuing Education Units or CEUs. CEUs are generally not transferable to other institutions. Successful completion of certificate program makes participants eligible to receive their Basic Construction Management certificate (proctored, nationally normed, criterion-referenced certification exam will be given as part of the course).

<b>PACE</b>	<b>23</b>	<b>Basic Construction Management Certificate</b>	<b>3.2 CEUs</b>
The National Association of Construction Professionals (NACP), in partnership with Westminster College, provides a Basic Construction Management Certificate (BCMC) program for construction professionals. The program consists of a three-day workshop to prepare them to pass the Basic Construction Management Professional (BCMP) exam. Students take the exam as a part of this program. Successful students will receive the BCMP credential through the NACP. Upon successful completion of all sections and components, students will be awarded the Basic Construction Management Certificate from Westminster College.			

## CAPM EXAM PREPARATION COURSE

### Course Description

Courses are awarded as Continuing Education Units or CEUs. CEUs are generally not transferable to other institutions.

<b>PACE</b>	<b>14</b>	<b>CAPM Exam Preparation Course</b>	<b>5.8 CEUs</b>
This course teaches students project management terminology and principles that are accepted world-wide. Students attending this course will learn project management process groups (initiating, planning, executing, controlling and closing) and will receive detailed instruction in the following knowledge areas: Integration Management, Scope Management, Time Management, Cost Management, Quality Management, Human Resources Management, Communications Management, Risk Management, Procurement Management and Stakeholder Management. This course is a requirement towards the Certified Associate in Project Management (CAPM).			

## GUIDING ORGANIZATIONAL CHANGE SIMULATION

### Course Description

Courses are awarded as Continuing Education Units or CEUs. CEUs are generally not transferable to other institutions.

PACE	26	Guiding Organizational Change Simulation	6.4 CEUs
This simulation course requires Project Managers to: (1) exercise the complete range of Project Management tools and techniques while managing a significant corporate project, and (2) develop a valuable new set of leadership skills held by a select few - guiding others through the unsettling distress of major changes to their organization. The class will develop and assess each student's ability to guide a team through actual, real-time projects with multiple, simultaneous, overlapping, organizational changes. During the course students will learn practical skills that will help#and their project team get through changes faster, with less pain, and with better outcomes. This course is a requirement towards the Advanced Project Management Certificate. This is a#hour course, requiring in-class simulations, along with supplemental reading and course work. Project Management Institute principles are applied throughout the course.			

## LEADERSHIP CERTIFICATE

The Leadership Certificate is a non-credit, non-degree credential program built for companies and executive cohorts and features a total of ten, two-day-long courses focused on essential leadership skills. Each session goes through a three-stage process: pre-work, practice in real-world activities, and application in the workplace. Throughout each stage, a faculty coach is assigned to work with each participant and is available to consult with participants individually.

Each two-day course is devoted to a specific leadership concept and follow-on projects are coached by a Westminster faculty expert. The program is designed to meet the needs of busy professionals. Limited classroom time means less distraction from work activities. Real-world projects translate into immediate return on investment for your company.

Completion of Certificate Program makes participants eligible for either:

- Prior learning assessment credits towards an Undergraduate Project-Based Bachelor of Business Degree program (up to 12 credits)
- Admission to the Accelerated Project-Based Masters of Business Degree Program at Westminster College (completed in four full-time semesters as opposed to the five semesters it usually takes in the Project-Based Masters of Business Degree program)

### Required Courses

Requirement Description	CEUs
<b>I. Required Courses</b>	
LCP 01 You As a Leader	1.2
LCP 02 Communicate the Vision	1.2
LCP 03 Lead and Inspire	1.2
LCP 04 Inspire, Negotiate, and Coach	1.2
LCP 05 Lead Teams and Projects	1.2
LCP 06 Evaluate the Market	1.2
LCP 07 Create Strategy	1.2
LCP 08 Change & Innovate	1.2
LCP 09 Evaluate Performance	1.2
LCP 10 Lead Process Improvement	1.2

**\* Non-credit courses are recorded as Continuing Education Units or CEUs. One CEU represents 10 contact hours of instruction and learning activities. CEUs are generally not transferrable to other institutions.**

LCP	01	You As a Leader	1.2 CEUs
This overarching course begins the transformation process from being effective managers to being true Leaders. This course sets the stage for the rest of the courses as individuals set a vision for their respective work units, establish a plan to achieve that vision, and motivate stakeholders. You will learn how to move the organization toward realizing its full potential by working on a follow-up project after each course. This project-based program allows employees to immediately apply their knowledge and receive coaching feedback after each course.			

LCP	02	Communicate the Vision	1.2 CEUs
Craft messages and deliver presentations that propel the organization forward, that communicate a vision, and that compel others to buy into a vision.			



<b>LCP</b>	<b>03</b>	<b>Lead and Inspire</b>	<b>1.2 CEUs</b>
Build highly productive talent and teams that are able to fully realize the organization's goals and vision. Use tools to challenge, promote, and retain the talent the organization needs.			
<b>LCP</b>	<b>04</b>	<b>Inspire, Negotiate, and Coach</b>	<b>1.2 CEUs</b>
Use coaching tools to evoke the highest performance possible. Master the art of negotiation and conflict resolution to deepen relationships and enhance effectiveness.			
<b>LCP</b>	<b>05</b>	<b>Lead Teams and Projects</b>	<b>1.2 CEUs</b>
Develop tools to lead teams and projects that deliver results on-spec, on-time and on-budget. Harness the power of teams to jump-start the achievement of organizational goals and performance.			
<b>LCP</b>	<b>06</b>	<b>Evaluate the Market</b>	<b>1.2 CEUs</b>
Evaluate the external environment of the organization - competitors, clients - to uncover invaluable market intelligence and trends. Support concise and accurate strategic decision making.			
<b>LCP</b>	<b>07</b>	<b>Create Strategy</b>	<b>1.2 CEUs</b>
Shape strategy that gives the organization a "global-best" market direction, even when that direction requires difficult decisions. Develop implementation plans that map a clear path toward fulfillment of strategic direction.			
<b>LCP</b>	<b>08</b>	<b>Change and Innovate</b>	<b>1.2 CEUs</b>
Foster the culture and discussions necessary to keep the organization innovating, always ahead of others in the market. Evaluate and implement change that builds upon the organization's advantages and attributes.			
<b>LCP</b>	<b>09</b>	<b>Evaluate Performance</b>	<b>1.2 CEUs</b>
Measure and evaluate the organization's track record, using validated metrics that assess the company's client, finance, process, and productivity parameters, as well as strategic global achievement.			
<b>LCP</b>	<b>10</b>	<b>Lead Process Improvement</b>	<b>1.2 CEUs</b>
Rebuild and reinvigorate processes in collaboration with key stakeholders to move the organization closer to its goals. Map, evaluate, and execute processes that enhance overall performance.			

## LEAN SIX SIGMA BLACK BELT CERTIFICATE

Lean Six Sigma is a combination of two popular continuous improvement methods—Lean and Six Sigma—that pave the way for operational excellence. It relies on a collaborative team effort to improve performance by systematically removing waste and reducing variation. Westminster's Lean Six Sigma Black Belt Certification consists of a blended program that is focused on getting students to translate the knowledge gained through online learning and practice to real world skills and expertise. Students will learn the Lean Six Sigma Black Belt body of knowledge, practice techniques for both quantitative and non-quantitative analysis, and gain the team leadership skills necessary to get projects across the goal line. Students will be immersed in online training, several online simulations, including a comprehensive simulation that takes them through the DMAIC process as a project. In order to receive the LSSBB certification, students are required to take a comprehensive examination at the completion of the course. Students are encouraged to have a personal project that they are working on throughout the course. After completing this 800 clock hour certification program, students should be able to:

- Communicate using Lean Six Sigma concepts.
- Think about your organization as a collection of processes, with inputs that determine the output.
- Relate Lean Six Sigma concepts to the overall business mission and objectives.
- Use the concept of a Sigma Level to evaluate the capability of a process or organization.
- Understand and apply the five step DMAIC model as a framework to organize process improvement activity.
- Employ a wide range of process improvement techniques, including Design of Experiments, within the DMAIC model.
- Recognize the organizational factors that are necessary groundwork for a successful Lean Six Sigma effort.
- Employ your Six Sigma skills to lead a successful process improvement project delivering meaningful results to the organization.

Certification program modules consist of the following areas of emphasis:

- Introduction to Lean Six Sigma
- Starting a Project and Leading Teams
- Voice of the Customer
- Mapping the Process
- Measurements and Basic Statistics
- Measurement Systems Analysis
- Charting Process Behavior
- Identifying Root Causes
- Hypothesis Testing
- Design of Experiments
- Improve

- Control
- DMAIC Simulation, Exam Prep, and Final Exam

## Course Description

**Courses are awarded as Continuing Education Units or CEUs. CEUs are generally not transferable to other institutions. Successful completion of certificate program makes participants eligible to receive their Lean Six Sigma Green Belt certificate (proctored, nationally normed, criterion-referenced certification exam will be given as part of the course).**

<b>PACE</b>	<b>41</b>	<b>Lean Six Sigma Black Belt Certificate</b>	<b>80 CEUs</b>
<p>Lean Six Sigma is a combination of two popular continuous improvement methods—Lean and Six Sigma—that pave the way for operational excellence. It relies on a collaborative team effort to improve performance by systematically removing waste and reducing variation. The Lean Six Sigma Black Belt is an expert team leader, statistical analyst, and project manager - all rolled into one. As a Black Belt in training, students will learn how to master this diverse set of "soft" and "hard" skills so that, when the course is completed, students are able to quickly lead critical projects to successful completion.</p> <p>The Lean Six Sigma Black Belt Certification is an online program that is self-paced according to students' schedules and time constraints, yet rigorous enough for the rewarded Lean Six Sigma Black Belt (LSSBB) certification to carry weight in today's professional environment. The objective of this certification program is to develop a comprehensive set of skills that will allow students to function effectively as a Lean Six Sigma Black Belt.</p>			

## LEAN SIX SIGMA GREEN BELT CERTIFICATE

Lean Six Sigma is a combination of two popular continuous improvement methods—Lean and Six Sigma—that pave the way for operational excellence. It relies on a collaborative team effort to improve performance by systematically removing waste and reducing variation. The Westminster College Lean Six Sigma Blended Green Belt program will provide students with the knowledge and practical skills to become a Green Belt Practitioner. This blended program is very focused on getting students to translate the knowledge they gain through online learning and practice to real world skills and expertise. The skills transfer doesn't end there as students must complete a Lean Six Sigma online simulation project to earn their certification. This program is for those who are serious about getting a Lean Six Sigma Green Belt certification that is rigorous, relevant, flexible, and trusted in the marketplace.

Program Requirements:

- Completion of online training
- Two One on One online sessions with your virtual coach.
- Lean Six Sigma Online Simulation Project
- Passing Grade on Green Belt Crucible Test

After completing this program, students should be able to:

- Communicate using Lean Six Sigma concepts.
- Think about your organization as a collection of processes, with inputs that determine the output.
- Relate Lean Six Sigma concepts to the overall business mission and objectives.
- Use the concept of a Sigma Level to evaluate the capability of a process or organization.
- Understand and apply the five step DMAIC model as a framework to organize process improvement activity.
- Employ a wide range of process improvement techniques within the DMAIC model.
- Recognize the organizational factors that are necessary groundwork for a successful Lean Six Sigma effort.
- Employ your Six Sigma skills to lead a successful process improvement project delivering meaningful results to the organization.

This online component consists of eleven modules, including:

1. Introduction to Lean Six Sigma
2. Starting a Project and Leading Teams
3. Voice of the Customer
4. Mapping the Process
5. Measurements and Basic Statistics
6. Measurement Systems Analysis
7. Charting Process Behavior
8. Identifying Root Causes
9. Hypothesis Testing
10. Improve
11. Control

After completing all components of this program, totaling 240 clock hours, students should be able to:

- Communicate using Lean Six Sigma concepts.
- Think about your organization as a collection of processes, with inputs that determine the output.
- Relate Lean Six Sigma concepts to the overall business mission and objectives.
- Use the concept of a Sigma Level to evaluate the capability of a process or organization.
- Understand and apply the five step DMAIC model as a framework to organize process improvement activity.
- Employ a wide range of process improvement techniques, including Design of Experiments, within the DMAIC model.
- Recognize the organizational factors that are necessary groundwork for a successful Lean Six Sigma effort.
- Employ your Six Sigma skills to lead a successful process improvement project delivering meaningful results to the organization.

Courses are awarded as Continuing Education Units or CEUs. CEUs are generally not transferable to other institutions. CEUs to be awarded: 24. Successful completion of certificate program makes participants eligible to receive their Lean Six Sigma Green Belt certificate (proctored, nationally normed, criterion-referenced certification exam will be given as part of the course).

## Course Description

**Courses are awarded as Continuing Education Units or CEUs. CEUs are generally not transferable to other institutions. Successful completion of certificate program makes participants eligible to receive their Lean Six Sigma Green Belt certificate (proctored, nationally normed, criterion-referenced certification exam will be given as part of the course).**

PACE	31	Lean Six Sigma Green Belt Certification	24 CEUs
Lean Six Sigma is a combination of two popular continuous improvement methods—Lean and Six Sigma—that pave the way for operational excellence. It relies on a collaborative team effort to improve performance by systematically removing waste and reducing variation. The Lean Six Sigma Green Belt is an essential member of every Lean Six Sigma project team. Whether you're tasked with leading your own projects or are looking to expand your education, Westminster's Lean Six Sigma Green Belt course will increase your knowledge base and capability to apply the DMAIC methodology and Lean methods. Green Belt training represents a reduction in time and material required for Black Belt training, so many professionals choose to start their process improvement career at this level. It's a quicker entry into the industry and a way to explore your comfort in the role before making a larger commitment.			

## LEAN SIX SIGMA GREEN BELT CERTIFICATE DFS CUSTOM

Westminster's Lean Six Sigma Green Belt Certificate DFS Custom consists of a one-course project-based approach where participants learn and master skills through real-world business applications while receiving mentoring from Westminster instructors who are certified Six Sigma experts. Participants are mentored toward mastery of concept and execution by expert faculty-coaches while engaging in projects related to their real work environment. The program curriculum is tied to the industry recognized certificates participants need to perform at a highly proficient level.

The course is designed to be delivered through a series of sessions, totally 64 hours of classroom instruction. Each session of the course goes through a three-stage process: theory, simulations, and practice in real-world activities, and application in the workplace. Throughout each stage, a faculty mentor is assigned to work with participants and is available to consult with participants via a number of methods (i.e., email, Canvas, phone, web conferencing, and in-person), based on the needs of program participants. The Westminster learning model is what makes the program truly distinctive and reinforces the return on investment to participants. The primary focus is on mastery: building the participant's ability to DO, as opposed to simply knowing. Each course includes:

- The Pre-Course: participants are given materials (cases, articles, videos) to review before the in-class session to help them prepare and familiarize themselves with seminal work in the topic area.
- The Course: participants spend the in-class session with a certified faculty-coach, practicing and deepening their ability to effectively use the knowledge and tools within the topic area.
- The Post-Course Project: each participant is given a specific project to take back to their workplace that challenges them to continue building their abilities. The faculty-coach reviews their project work and helps each student individually continue on their path to mastery.

Successful completion of certificate program makes participants eligible to receive their Lean Six Sigma Green Belt Certificate DFS Custom (proctored, nationally normed, criterion-referenced certification exam will be given as part of the course).

### Course Description

**Courses are awarded as Continuing Education Units or CEUs. One CEU represents 10 contact hours of instruction and learning activities. CEUs are generally not transferable to other institutions.**

PACE	01	Lean Six Sigma Green Belt Certificate DFS Custom	6.4 CEUs
This project-based course leads to a certification in the Lean Six Sigma Green Belt business process improvement program. Participants will learn the Six Sigma business transformation model, understand continuous improvement, apply organizational learning methods, and understand the value stream. Participants will complete projects to interactively engage with the theory and skills needed to successfully complete the Six Sigma Green Belt exam (taken at the end of the course).			

## PMP EXAM PREPARATION COURSE

### Course Description

**Courses are awarded as Continuing Education Units or CEUs. CEUs are generally not transferable to other institutions.**

PACE	15	PMP Exam Preparation Course	7.4 CEUs
This course teaches students project management terminology and principles that are accepted world-wide. Students attending this course will learn the five project management process groups (initiating, planning, executing, controlling and closing) and will receive detailed instruction in the following knowledge areas: Integration Management, Scope Management, Time Management, Cost Management, Quality Management, Human Resources Management, Communications Management, Risk Management, Procurement Management and Stakeholder Management. This course is a requirement towards the Advanced Project Management Certificate.			

## PROCESS AND PROJECT MANAGEMENT CERTIFICATE (PPMC)

Westminster's Process and Project Management Certificate (PPMC) consists of a blended program that is focused on getting students to translate the knowledge gained through online learning and practice to real world skills and expertise. The skills transfer doesn't end there as students must complete a Project Fundamentals Course and a Lean Six Sigma Green Belt online training and simulation project to earn their certification. The student will gain a solid understanding of project management, as well as the coveted Lean Six Sigma Green Belt. Lean Six Sigma is a combination of two popular continuous improvement methods—Lean and Six Sigma—that pave the way for operational excellence. It relies on a collaborative team effort to improve performance by systematically removing waste and reducing variation. Course Requirements totaling 330 clock hours include:

- Completion of online training in Project Fundamentals
- Completion of online training in Lean Six Sigma Green Belt
- Two One on One online sessions with your virtual coach
- Lean Six Sigma Online Simulation Project

The first component, Project Management Fundamentals, is a self-paced, online program where participants learn and master skills though real-world business applications. Students learn and practice techniques for clearly defining project success, planning for performance and performing. This course is completed at the student's own pace and requires completion of an online course and tests, along with supplemental reading and course work. Project

## Professional and Continuing Education (Non-Credit)

Management Institute principles are emphasized and taught in Project Management throughout the course. The program curriculum is tied to the industry recognized certificates participants need to perform at a highly proficient level. Section requirements include:

1. Reading through the information contained in the online modules
2. Writing an essay on project leadership (record the essay in a learning journal)
3. Recording the difference between leadership and management in a learning journal
4. Completing the following project planning exercises/activities for a small, practice project around the student's home:
  - Develop a project vision statement
  - Prioritize project success parameters
  - Draw a total scope diagram for your project
  - Create appropriate goal statements and a dashboard for your project
  - Create a Work Breakdown Structure for your project
  - Create a Network Diagram
  - Build a Resource Pool and Plan
  - Develop a Gantt Chart and Schedule Baseline in a software tool
  - Develop a Cost Baseline
  - Develop a Risk Register
  - Create a Quality Baseline

The second component is an online Lean Six Sigma module. Upon successful completion of this section, students will have demonstrated the following skills:

1. Communicate using Lean Six Sigma concepts.
2. Think about your organization as a collection of processes, with inputs that determine the output.
3. Relate Lean Six Sigma concepts to the overall business mission and objectives.
4. Use the concept of a Sigma Level to evaluate the capability of a process or organization.
5. Understand and apply the five step DMAIC model as a framework to organize process improvement activity.
6. Employ a wide range of process improvement techniques within the DMAIC model.
7. Recognize the organizational factors that are necessary groundwork for a successful Lean Six Sigma effort.
8. Employ your Six Sigma skills to lead a successful process improvement project delivering meaningful results to the organization.

This component consists of eleven modules, including:

1. Introduction to Lean Six Sigma
2. Starting a Project and Leading Teams
3. Voice of the Customer
4. Mapping the Process
5. Measurements and Basic Statistics
6. Measurement Systems Analysis
7. Charting Process Behavior
8. Identifying Root Causes
9. Hypothesis Testing
10. Improve
11. Control

## Course Description

**Courses are awarded as Continuing Education Units or CEUs. CEUs are generally not transferable to other institutions. Successful completion of certificate program makes participants eligible to receive their Lean Six Sigma Green Belt certificate (proctored, nationally normed, criterion-referenced certification exam will be given as part of the course).**

PACE	32	Process and Project Management Certificate	33 CEUs
In this certification program, the student will gain a solid understanding of project management, as well as the very coveted Lean Six Sigma Green Belt. Lean Six Sigma is a combination of two popular continuous improvement methods—Lean and Six Sigma—that pave the way for operational excellence. It relies on a collaborative team effort to improve performance by systematically removing waste and reducing variation. The Lean Six Sigma Green Belt is an essential member of every Lean Six Sigma project team. Whether you're tasked with leading your own projects or are looking to expand your education, our PPMC course will increase your knowledge base and capability to apply the DMAIC methodology and Lean methods to projects. This blended program is very focused on getting you to translate the knowledge you gain through online learning and practice to real skills and expertise. The skills transfer doesn't end there as you must complete a Project Fundamentals Course and a Lean Six Sigma Green Belt online training and simulation project to earn your certification.			

## PROJECT MANAGEMENT TRAINING CAMP SIMULATION

### Course Description

**Courses are awarded as Continuing Education Units or CEUs. CEUs are generally not transferable to other institutions.**

PACE	25	Project Management Training Camp Simulation	6.4 CEUs
This project management simulation course places real project managers in real-time situations. Students find themselves working in a team-based environment using computer simulations to solve realistic problems, while practicing and applying a variety of Project Management techniques. This course provides critical, fundamental skills for Project Managers who may or may not be at a senior level, but spend the majority of their time managing projects, including those who manage large and complex projects or multiple projects. Technical or non-technical managers, line or staff, individual contributors or project leaders all find this course equally valuable for professional development and career growth. This course is a requirement towards the Advanced Project Management Certificate.			

## PROJECT MANAGEMENT AND LEADERSHIP CERTIFICATE

### Course Description

Courses are awarded as Continuing Education Units or CEUs. CEUs are generally not transferable to other institutions.

PACE	33	Project Management and Leadership Certificate	24.6 CEUs
<p>The Project Management and Leadership Certificate (PMLC) introduces project managers to the necessary management and leadership skills that will help them and their teams to deliver successful project results.##The curriculum begins with an online Project Management Fundamentals course, followed by two team-based simulation courses that help participants practice skills related to project management, leadership, and organizational change. The program also provides in-depth instruction on project management processes and knowledge areas to help participants achieve Project Management Professional (PMP®) certification. These courses will be taught by instructors who hold a PMP® certification, have advanced educational credentials, and are PMI® Registered Education Providers or PMI® Authorized Training Partners. Upon successful completion of all sections and courses, students will be awarded the Project Management#and Leadership#Certificate from Westminster College.</p>			

## PROFESSIONAL AND CONTINUING EDUCATION COURSES

Non-credit courses are recorded as Continuing Education Units or CEUs. One CEU represents 10 contact hours of instruction and learning activities. CEUs are generally not transferrable to other institutions.

PACE	01	Lean Six Sigma Green Belt Certificate DFS Custom	6.4 CEUs
<p>This project-based course leads to a certification in the Lean Six Sigma Green Belt business process improvement program. Participants will learn the Six Sigma business transformation model, understand continuous improvement, apply organizational learning methods, and understand the value stream. Participants will complete projects to interactively engage with the theory and skills needed to successfully complete the Six Sigma Green Belt exam (taken at the end of the course).</p>			

PACE	23	Basic Construction Management Certificate	2.4 CEUs
<p>The National Association of Construction Professionals (NACP), in partnership with Westminster College, provides a Basic Construction Management Certificate (BCMC) program for construction professionals. The program consists of a three-day workshop to prepare them to pass the Basic Construction Management Professional (BCMP) exam. Students take the exam as a part of this program. Successful students will receive the BCMP credential through the NACP. Upon successful completion of all sections and components, students will be awarded the Basic Construction Management Certificate from Westminster College.</p>			

PACE	31	Lean Six Sigma Green Belt Certification	24 CEUs
<p>Lean Six Sigma is a combination of two popular continuous improvement methods—Lean and Six Sigma—that pave the way for operational excellence. It relies on a collaborative team effort to improve performance by systematically removing waste and reducing variation. The Lean Six Sigma Green Belt is an essential member of every Lean Six Sigma project team. Whether you're tasked with leading your own projects or are looking to expand your education, Westminster's Lean Six Sigma Green Belt course will increase your knowledge base and capability to apply the DMAIC methodology and Lean methods. Green Belt training represents a reduction in time and material required for Black Belt training, so many professionals choose to start their process improvement career at this level. It's a quicker entry into the industry and a way to explore your comfort in the role before making a larger commitment.</p>			

PACE	32	Process and Project Management Certificate (PPMC)	33 CEUs
<p>In this certification program, the student will gain a solid understanding of project management, as well as the very coveted Lean Six Sigma Green Belt. Lean Six Sigma is a combination of two popular continuous improvement methods—Lean and Six Sigma—that pave the way for operational excellence. It relies on a collaborative team effort to improve performance by systematically removing waste and reducing variation. The Lean Six Sigma Green Belt is an essential member of every Lean Six Sigma project team. Whether you're tasked with leading your own projects or are looking to expand your education, our PPMC course will increase your knowledge base and capability to apply the DMAIC methodology and Lean methods to projects. This blended program is very focused on getting you to translate the knowledge you gain through online learning and practice to real skills and expertise. The skills transfer doesn't end there as you must complete a Project Fundamentals Course and a Lean Six Sigma Green Belt online training and simulation project to earn your certification.</p>			

PACE	41	Lean Six Sigma Black Belt Certification	80 CEUs
<p>Lean Six Sigma is a combination of two popular continuous improvement methods—Lean and Six Sigma—that pave the way for operational excellence. It relies on a collaborative team effort to improve performance by systematically removing waste and reducing variation. The Lean Six Sigma Black Belt is an expert team leader, statistical analyst, and project manager - all rolled into one. As a Black Belt in training, students will learn how to master this diverse set of "soft" and "hard" skills so that, when the course is completed, students are able to quickly lead critical projects to successful completion. The Lean Six Sigma Black Belt Certification is an online program that is self-paced according to students' schedules and time constraints, yet rigorous enough for the rewarded Lean Six Sigma Black Belt (LSSBB) certification to carry weight in today's professional environment. The objective of this certification program is to develop a comprehensive set of skills that will allow students to function effectively as a Lean Six Sigma Black Belt.</p>			

Professional and Continuing Education (Non-Credit)

<b>PACE</b>	<b>43</b>	<b>Advanced Construction Management Certificate</b>	<b>13.8 CEUs</b>
<p>The National Association of Construction Professionals (NACP), in partnership with Westminster College provides an Advanced Construction Management Certificate (ACMC) program for construction professionals. The program has two stages. During the first stage, the NACP students participate in a three-day workshop to prepare them to pass the Basic Construction Management Professional (BCMP) exam; students who successfully complete the exam will receive the BCMP credential through the NACP. During the second stage, students participate in a 3-day Construction Management Simulation course, followed by an Advanced Construction Management Assessment. Students who successfully complete the second stage will receive the Advanced Construction Management Professional (ACMP) credential from the NACP. Upon successful completion of all sections and courses, students will be awarded an Advanced Construction Management Certificate from Westminster College.</p>			

<b>PACE</b>	<b>45</b>	<b>Advanced Project Management Certificate</b>	<b>67.5 CEUs</b>
<p>The Advanced Project Management Certificate curriculum consists of three distinct sections; basic, intermediate and advanced sections. The Basic section is entirely online and focuses on Project Management Fundamentals. The Intermediate section involves in-class, team-based, simulation training and addresses more advanced topics such as project management/leadership and organizational change. The Advanced section is a combination of in-class and online training and provides in-depth instruction on project management processes and knowledge areas. Each section is separated into specific classes as described on the pages that follow. These courses will be taught by instructors who hold a PMP® certification, have advanced educational credentials, and are PMI® Registered Education Providers. Upon successful completion of all sections and courses, students will be awarded the Advanced Project Management Certificate from Westminster College.</p>			