FEATURED COURSES
• NEW! Effective Decision-Making: A Methodology Approach — Page 3
• Engineering Management Academy— Page 4
• Root Cause Problem Solving: Methods and Tools Webinar and Webinar Recording — Page 10
• NEW! Strategic Leadership Workshop — Page 14
EDUCATION & TRAINING FOR MANAGEMENT AND LEADERSHIP

Welcome to the Summer Issue of the Management and Leadership Education and Training guide. We have again included ALL the training and education SAE offers related to Management, Talent Development, and Leadership – Live classroom, live online, and online, on demand courses. Training when you want it.

THIS GUIDE INCLUDES COURSES THAT EXPLORE THE FOLLOWING TOPICS:

• Strategic Leadership
• Effective Management
• Decision Making

PLUS NEWLY SCHEDULED COURSES:

• Effective Decision-Making: A Methodology Approach Seminar - Page 3
• Strategic Leadership Workshop - Page 14

LIFELONG LEARNING. SAE International is a global association committed to being the ultimate knowledge source for the mobility engineering professional. By uniting over 135,000 engineers and technical experts, we drive knowledge and expertise across a broad spectrum of industries. We act on two priorities: encouraging a lifetime of learning for mobility engineering professionals and setting the standards for industry engineering.

SAE International is the world's leader in mobility engineering knowledge. We are trusted by engineers and other professionals around the globe to provide a broad, multi-sector source for information and solutions. The SAE International Professional Development program offers access to over 300 live online and classroom, and online, on demand learning opportunities—learning opportunities that supply the right content to help solve your specific challenges.
A LEARNING FORMAT TO FIT EVERY NEED

As the world’s leader in offering access to the most extensive, multi-sector source of knowledge and expertise, SAE International provides the mobility engineering training and education needed to turn your challenges into solutions.

What is your learning need?
SAE International offers a variety of learning formats to accommodate diverse learning styles. Explore classroom, live and online, and online and on demand courses.

Many courses are offered in multiple formats to fit your exact need. Be sure to watch for the icons that identify the format available for each course.

Seminars or workshops available as similar live, online webinars or online and on demand courses, will feature icons and information about the schedule and fees for all platforms.

CATALOG KEY
You will see the following icons with the course descriptions.
These icons indicate:
• Delivery formats available for the course
• That the course is part of a certificate program

Many courses are available in multiple formats. In addition to finding courses that fit your technology need, look for courses with icons that fit the way you want to learn.

CLASSROOM
Indicates that course is an instructor-led seminar or workshop offered in a classroom setting

LIVE ONLINE
Indicates this course is an instructor-led webinar offered live and online via telephone and internet connection

ONLINE, ON DEMAND
These offerings are available online anytime the participant would like to access the course through the internet

CERTIFICATE
This icon indicates that this course is part of an SAE International curriculum-based, multi-course certificate.

As an IACET Authorized Provider, SAE International offers CEUs for its programs that qualify under the ANSI/IACET Standard.
We do our best to schedule live learning offerings as far in advance as possible to help you better plan your training needs. The information in this resource guide reflects the most accurate information available at the time of publication. Rarely, unforeseen circumstances may force a change in the live learning schedule. For the most up-to-date listing of scheduled offerings visit training.sae.org/all/bydate. SAE International reserves the right to cancel courses and cannot be held responsible for costs incurred beyond registration fees.
Effective decision making is critical to maximizing profit/minimizing expenses, return on capital spending, and operational efficiency. To understand the impact of decisions that affect the enterprise, professionals at every level must secure and integrate relevant cross-functional information. Register for this seminar and learn skills needed to base decision making on solid business knowledge and sound financial principles instead of on emotion or “your gut.”

**LEARNING OBJECTIVES**

By attending this seminar, you will be able to:

• Define the decision boundaries and expectations for decision outcomes

• Select the optimal methodology for decision making

• Select the best decision-making criteria in making project decisions and allocating capital budgets

• Determine the lowest enterprise costs in raising capital through debt and equity offerings

• Analyze make-buy, buy-lease, replacement and other alternative enterprise decisions based on the best financial strategies

• Articulate the financial sensitivity of project decisions and the use of decision tools for integrating cross-functional business requirements

• Develop an effective decision-making structure for your unique specific project criteria and your organization

**WHO SHOULD ATTEND**

This seminar will benefit individuals having responsibilities in engineering, business, finance, marketing, purchasing, manufacturing, research, and program management.

**CONTENT HIGHLIGHTS**

• Decision Boundaries and Expectations

• Decision-Making Principles

• Financial Principles

• Decision-Making Criteria

• Cost Impact & Enterprise Decisions

• Alternative Financial Decisions for the Enterprise (Principles & Case Studies)

• Sensitivity & Scenario Analysis & Decisions (Case Studies)

• Decision-Making Methodology

**INSTRUCTOR**

James Masiak
Principal of Technology Highway, L3C

The instructor walks you through the tenets of structured decision-making and teaches a step-by-step approach to make practical, effective decisions.

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**I.D.# C1354**

**SCHEDULE**

August 13, 2014
Troy, Michigan

December 9, 2014
Troy, Michigan

**FEES**

List: $755
Members
Classic: $685
Premium: $645
Elite: $605

**ONE-DAY/.7 CEUS**

Get the complete course description and register:
training.sae.org/seminars/c1354
The Engineering Management Academy is designed to provide attendees with a fresh and authentic approach to handling real-world situations in the office, focusing on coaching, mentoring, team building, conflict resolution, and interpersonal and communication skills. The goal of the academy is to transform engineers, technical specialists, and professionals within the industry into managers, leaders, and innovators who can lead their respective companies to global recognition and greater success.

- Improve your communication and decision making skills
- Manage challenging situations without getting emotionally hooked
- Optimize your team’s output, quality of throughput, commitment and engagement
- Improve your ability to give and receive positive and constructive feedback
- Begin a journey of growth and self-awareness for yourself to continually improve your leadership skills

**LEARNING OBJECTIVES**

By attending this academy, you will be able to:

- Assess your own management style and develop an action plan for continued growth
- Select communication behaviors that enhance performance and team interactions
- Identify traits that are important for managers to be effective coaches
- Identify keys to successful decisions
- Assess your individual behavioral style in conflict situations and identify best practices for dealing with conflict
- Select positive strategies for dealing with employee performance issues
- Identify specific types of interview question which provide you with the most valuable information for the candidate selection process
- Identify important attributes, as well impediments, of high performing teams

**Special Features**

- Work with a coach one-on-one to identify new opportunities for enhancing your management skills
- Develop an action plan that will help you move forward towards your goals and success as a manager
- Practice your newly learned skills so you are ready to implement them when you return to work
- Get perspectives and “lessons learned” from experienced and knowledgeable engineering managers
WHO SHOULD ATTEND
This academy is designed for engineers in transition to management, new managers as well as existing Supervisors, Managers, and Directors who may have been in managerial roles for a while but never had a chance to attend formal workshops. Other personnel working in purchasing, information technology, manufacturing, quality, sales and marketing functions for OEM's and suppliers who want to improve their skills and provide greater value to their organizations, will benefit from the academy as well.

CONTENT HIGHLIGHTS
• DISC Survey and results
• Interpersonal communication skills
  • Foundation of Communication
  • Communicating Effectively
  • Overcoming Your Own Defensiveness
• Decision Making
  • The Results Framework
  • Roles in the Decision Process
  • Communicating Decisions
• Coaching and Mentoring
  • How to Connect Your Team to Their Jobs
  • What Good Coaches Do and the Key Elements of Coaching
  • Elements of Leadership and Mentoring
• One2One – Giving Positive and Constructive Feedback
  • Selection Interviewing
  • Planning, interviewing, the decision
• Conflict Resolution and Negotiation
  • Basics of Conflict; Reframing Conflict
  • Influencing/Negotiation
  • Sustainable Resolution
• Building High Performance Teams
  • Team Experience
  • Skills for Leading Teams
  • Dealing with the “Gray” Situations
  • Team Building and Best Practices
• Action Planning

INSTRUCTORS
This engineering academy has several coaches from industry. See the complete list of coaches on the course webpage.
Project Management and Advanced Product Quality Planning (APQP) are two critical techniques used in product development in the mobility industry today. This seminar will bring these techniques together in an easy to understand format that goes beyond the typical concept of constructing timelines and project planning, by exploring not only the AIAG APQP process, but also specific aspects of PM processes.

Your will immediately apply learned skills by taking a sample project through all phases of the Project Plan using actual industry documents. Realistic issues, problems and time constraints are introduced throughout the exercise to simulate actual project concerns. Each workshop exercise uses documents specific to the particular areas of study such as Statement of Requirements and Statement of Work, Timeline development and reacting to changing situations such as time crash. The workshop is structured so that students must operate in teams and the time constraints allow you to see firsthand the effects of improper delegation of work assignments.


LEARNING OBJECTIVES

By attending this seminar, you will be able to:

• Define the importance of each of the nine Bodies of Project Management Knowledge and the essential components of APQP by Phase

• Properly evaluate Statement of Requirement, Statement of Work and Work Breakdown structures

• Apply the different timeline methodologies: Milestone, Gantt, Network (PERT) and Critical Path

• Recognize the minimum essential elements of a Robust Project Plan

• Utilize different types of meeting and conflict resolution strategies, formulate an effective meeting summary and action list, and conduct an actual Design Review

• Recognize the current U.S. and international legislation and directives which impact today's technology development and manufacturing environment

“Great seminar to attend! Helps engineers understand and work well with the program management office.”

Shirley Mayen
Engineering Project Lead
B/E Aerospace
WHO SHOULD ATTEND
New Project Managers, Lead or Design Release Engineers, Project Managers requiring refresher training or other individuals involved with projects will benefit by attending. Students should be familiar with how projects are currently managed in their company so they may ask questions relating to their specific problem areas.

CONTENT HIGHLIGHTS
• The Project Management Process
• Project Plan Life Cycle
• Project Management Techniques
• Resource Planning
• Sequence Planning
• Project Costing and Tracking
• Project Risk Management
• Procurement Management

INSTRUCTOR
Angelo E. Mago
Owner and Senior Consultant, ATM Consulting, Inc.

I.D.# 99003

SCHEDULE
July 21-22, 2014
Norwalk, California
December 15-16, 2014
Troy, Michigan

FEES
List: $1,505
Members
Classic: $1,345
Premium: $1,275
Elite: $1,195

TWO-DAYS/1.3 CEUS

Get more information and register: training.sae.org/seminars/99003

SAE GENERAL MANAGEMENT AND LEADERSHIP CERTIFICATE PROGRAM
This program focuses on four core management and leadership competencies: management capability, team leadership, project management, and finance. Required courses include:
• Managing Engineering & Technical Professionals (I.D.# C0608)
• Principles of Cost and Finance for Engineers (I.D.# C0828)

Attending the Engineering Management Academy serves as a substitute for the Managing Engineering and Technical Professionals and Leading High Performance Teams required courses.

View the list of required and elective courses and more information on enrolling in this or any SAE certificate program--training.sae.org/certificate/management_leadership
Product development is organizationally a complex undertaking that requires effective coordination within a company and between companies. During product development, teams are confronted with a number of ongoing organizational challenges and there is a high potential for conflict between participants in the process.

This course addresses teamwork and other “soft-side” factors that largely determine whether product development programs are successfully completed on schedule. The content is relevant for both OEMs and suppliers.

LEARNING OBJECTIVES
By attending this seminar, you will be able to:
• Explain the importance of effectively managing ‘soft-side’ issues that cause problems and delays during product development programs
• Employ successful practices of chartering and launching teams
• Implement techniques to successfully lead and facilitate effective teams
• Effectively troubleshoot problems on a team and employ techniques to remain productive
• Implement proven tips for conducting effective team meetings

WHO SHOULD ATTEND
Engineers and business people involved in various product development team activities will find the subject matter practical and useful. The content is of particular value to professionals from engineering, manufacturing, purchasing, quality, marketing, and finance functions in ground vehicle OEMs and suppliers.

CONTENT HIGHLIGHTS
• Designing High Performance Team
• Identifying key stakeholders
• Leadership and Group Dynamics
• Motivating team members
• Launching the Team
• Making Sound Decisions
• Flawless Facilitation

INSTRUCTOR
Joseph Doyle
Principal Consultant, Strategic Insights

“Joseph Doyle is highly knowledgeable and delivered the information while keeping my attention. This course gave me the foundation to build on to become a better leader.”

William Marshall
Team Manager
Honda Manufacturing of Alabama
MANAGING ENGINEERING & TECHNICAL PROFESSIONALS

Providing leadership for engineers is uniquely challenging, and the transition from working engineer to first-line technical supervisor is one of the most difficult career challenges that an engineer may face. First-time engineering supervisors and mid-level managers who wish to sharpen their skills and learn new techniques for guiding, coaching, and motivating working engineers, technicians, and designers will find this seminar valuable.

LEARNING OBJECTIVES

By attending this seminar, you will be able to:

• Describe the basic value proposition of management: what managers bring to an organization that makes them worthwhile

• Avoid the most common errors that supervisors and managers make

• Describe the evolution of management thought, and utilize the latest proven concepts for improving the performance of people in complex organizations

• Explain the issues that drive the psychology of effective leadership and develop greater emotional intelligence

• Implement strategies to enhance your skills in meeting management, coaching, and performance review that are essential in today’s professional workplace

WHO SHOULD ATTEND

Engineers and technical professionals who are either recently promoted into a management position, or have some experience as a manager but would like to learn how to become more effective will benefit from attending this workshop.

CONTENT HIGHLIGHTS

• The Management Perspective - How Managers Earn Their Keep

• What You Need to Know about Today’s Workforce

• The Psychology of Successful Modern Leadership and Change

• Emotional Intelligence: Effective Leadership

• Coaching in Supervision

• Using Meeting Time Effectively

• Dealing with Practical Issues

• How to Make Performance Reviews Constructive

INSTRUCTOR

Eric Timmis
Owner, BusinessIsAContactSport.com

“My compliments to the instructor and his ability to provide adaptation of material and critical issues to such a diverse example of positions, age, culture and function. It was above and beyond expectation.”

Philip J. Pelchat
Quality Manager
WGI Inc.

I.D.# C0608

SCHEDULE

August 6-8, 2014
Troy, Michigan

December 10-12, 2014
Troy, Michigan

FEES

List: $1,765
Members
Classic: $1,595
Premium: $1,505
Elite: $1,415

THREE-DAYS/2.0 CEUS

Get more information and register: training.sae.org/seminars/C0608
Tough times require searching for things that we can change and making them better. But so often problems are solved with ‘band-aids’ and not root cause solutions. This approach is getting too expensive and at best only helps companies tread water. To combat these issues and adopt a fresh approach, teams can use the methods and tools of Root Cause Problem Solving to first view problems as opportunities for improvement, identify root causes and implement solutions to prevent recurrence. Benefits include improved quality and customer satisfaction, reduced operation costs, and greater employee knowledge of work processes.

This proven 8-step approach to problem solving will help improve operational and financial performance by identifying causes and implementing solutions to significant or recurring problems. This approach to problem solving is used by many major automotive manufacturers.

LEARNING OBJECTIVES
By connecting with this webinar, you will be able to:
• Describe the 8-Step Problem Solving Methodology
• Define the difference between Symptom and Root Cause
• Use tools and techniques to solve problems
• Evaluate effectiveness of problems solving efforts
• Describe the role of problem solving in continuous improvement
• Write an action plan to apply problem solving to a specific concern

WHO SHOULD ATTEND
This course is applicable to those directly working in or responsible for performance improvement of any definable, repetitive process. Including:
• Manufacturing managers, supervisors and team leaders
• Manufacturing engineers
• Design engineers
• Quality engineers and technicians
• Technical managers
• Project team leaders
• Problem solving and quality improvement facilitators
• Anyone whose role includes problem solving; therefore all supervisors and lead personnel

So often problems are solved with ‘band-aids’ and not root cause solutions. This approach is getting too expensive and at best only helps companies tread water.
CONTENT HIGHLIGHTS

• Following a process approach
• What is a problem?
• Inhibitors to effective problem solving
• 8-step problem solving process overview
• Step 1: See the Problem as an Opportunity
  • Framing the problem solving effort
  • Identifying team members
• Step 2: Describe the Problem
  • Symptoms vs. Causes
  • Methods for describing the problem
• Step 3: Implement Containment
  • Protect the Customer
  • Process Control Plan
• Step 4: Recognize Potential Root Causes
  • Identifying possible causes
  • Cause-Effect diagrams
• Step 5: Design Solution
  • Process Controls and Error Proofing
  • Standardized Work
• Step 6: Implement Permanent Corrective Actions
• Step 7: Prevent Recurrence
  • Layered audits
  • Leverage learnings with FMEA
• Step 8: Recognize Efforts

INSTRUCTOR

Murray Sittsamer
Independent Consultant

I.D.# WB0931

SCHEDULE
October 14-23, 2014
Live Online

FEES
List: $620
Members
Classic: $558
Premium: $527
Elite: $496

FOUR, 2-HOUR SESSIONS / .8 CEUs

Get more information and register:
training.sae.org/webinars/WB0931

ACCESS THIS COURSE ONLINE
AND ON DEMAND AS A WEBINAR RECORDING

SAE Webinar Recordings are audio/visual captures of live webinars. The course sessions are unedited to include the results of interactions with the live participants and to expedite course availability. A learning assessment is available at the end of the course to reinforce learning and retention and gauge your understanding of the topic.

I.D. # PD330931ON

FEES
See above

8-HOURS/ .8 CEUs

Get more information and register:
training.sae.org/webrecordings/PD330931ON

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1-724-772-8529 • training.sae.org/corplearning
As a strategic leader, it is your responsibility to ensure that your organization is moving in the right direction. Executives and high-level managers must have the practical insight necessary to address competitive business challenges. Each segment of this three day course is designed to impart simple, but powerful lessons that will equip participants to more fully engage in strategic discussions, ask pertinent questions, facilitate critical decisions and shape high performing organizations. In addition, the course provides students with a personal leadership profile that illustrates their strengths and potential limitations. Participative exercises assist emerging executives with practical and effective methods of gaining organizational credibility and avoiding common errors in strategic leadership.

LEARNING OBJECTIVES
By attending this seminar, you will be able to:

• Describe the role and responsibilities of strategic leadership
• Manage the critical factors that drive the success and failure of business strategies
• Anticipate the longer term impact of strategic initiatives
• Attain credibility and support as you assume the helm of a new operation
• Avoid common errors made by leaders in transitioning to higher levels of responsibility
• Select the most effective approaches when framing strategic decisions
• Think strategically and systemically as you plan organizational change
• Influence the emergence of a more positive and functional corporate culture
• Eliminate turf battles, dropped balls and organizational duplication of effort
• Analyze and correct dysfunctional organizational dynamics
• Manage the strengths and limitations of your personal leadership style

WHO SHOULD ATTEND
This seminar is designed for executives, senior level managers, and engineering managers or technical specialists who are called upon to formulate or provide input into strategic decisions and business strategies.

“Dr. D is a SLAM DUNK! Supremely knowledgeable of material with many relative, historical examples. Learning course empowered!”

Marcus V. Washington
Engineer Specialist
Honda Manufacturing of Alabama
CONTENT HIGHLIGHTS

• Introduction to Strategic Leadership
• Understanding the Human Dimension
• Assuming the Helm
• Shaping Corporate Culture
• Creating Organizations that Work
• Facilitating Strategic Decisions
• The Leader’s Role in Creating Effective Strategies
• Leading Strategic Change
• Political Reality versus Dysfunctional Idealism
• Lessons of History for Strategic Leaders
• Developing a Leadership Profile

INSTRUCTOR

Dr. Joseph Doyle
Principal Consultant, Strategic Insights

I.D.# C0620

SCHEDULE

June 30–July 2, 2014
Troy, Michigan

November 3–5, 2014
Troy, Michigan

FEES

List: $1,655
Members
Classic: $1,485
Premium: $1,395
Elite: $1,315

THREE-DAYS/2.0 CEUS

Get more information and register:
training.sae.org/seminars/C0620

SAVE EVEN MORE ON EDUCATION AND TRAINING FROM SAE

SAE Members - have you already taken a Professional Development course in the last few months? You could qualify for an additional 20% off of a future course.

SAE members who have completed an SAE training in the last 12-months can get an additional 20% off of additional courses if taken in the same 12-month period. Take a seminar in August; get 20% off two more seminars if taken by next August. Take a seminar in June; get 20% off of a seminar and an e-Seminar if taken by the next June. Some courses and learning products are not eligible. Visit training.sae.org/discounts/ to view exclusions and conditions.

Call SAE Customer Service to register and get your discount! 1-877-606-7323 (1-724-776-4970 outside the U.S. & Canada). Please use promo code FREQUENTPD when registering.
NEW! STRATEGIC LEADERSHIP WORKSHOP

Based on the popular seminar *Strategic Leadership* (see page 12), this is a special offering in a two-day workshop format.

Each segment of this two-day course is designed to impart simple, but powerful lessons that will equip participants to more fully engage in strategic discussions, ask pertinent questions, facilitate critical decisions and shape high performing organizations. In addition, the course provides students with a personal leadership profile that illustrates their strengths and potential limitations.

**LEARNING OBJECTIVES**

At the conclusion of this workshop, participants will be better able to:

- Describe the role and responsibilities of strategic leadership
- Understand the underlying skill sets that enable strategic leadership
- Establish credibility and support as an organizational leader
- Identify and correct dysfunctional organizational dynamics
- Manage the essential elements of organizational design
- Recognize the common causes of business failure
- Influence the emergence of a more positive and functional corporate culture
- Select the most effective approaches when framing strategic decisions
- Think strategically and systemically as you plan organizational change
- Manage the critical factors that drive the success and failure of business strategies
- Anticipate the longer term impact of strategic initiatives

**WHO SHOULD ATTEND**

This seminar is designed for executives, mid-level managers who are called upon to formulate and provide input into strategic decisions and emerging business strategies.

**INSTRUCTOR**

**Dr. Joseph Doyle**
Principal Consultant, Strategic Insights

“Dr. Doyle’s expansive real-world experiences helped to align the course with real problems in our organization.”

**Robert N. Friedrichs**
V.P. Engineering
Rassini

**I.D.# C1412**

**SCHEDULE**
November 13-14, 2014
Toronto, Ontario
*Held in partnership with the SAE Central Ontario Section*

**FEES**

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**TWO-DAYS /1.3 CEUS**

Get more information and register:
[training.sae.org/seminars/C1412](http://training.sae.org/seminars/C1412)
SUCCESS STRATEGIES FOR WOMEN IN INDUSTRY AND BUSINESS

It is a well-known fact that the number of women in science, engineering and business fields is growing, yet men continue to outnumber women, especially at the upper levels of these professions. Many women encounter a series of challenges at early or midcareer stages that contribute to them leaving their careers prematurely. This seminar will provide detailed guidance, based on real life examples, on how female professionals can become proactive in creating career opportunities via self-assessment, self-motivation, and continuous steps in self-improvement. The program will take participants beyond theory to case studies and real life examples exemplifying potential for immediate use.

LEARNING OBJECTIVES

By attending this seminar, you will be able to:

• Identify obstacles and common challenges that hold you back in your career
• Develop and utilize critical communication skills
• Develop focused and well defined criteria for processional progress
• Define your professional relationships with clear boundaries and respect
• Create a flexible career plan
• Handle criticism and difficult situations with composure

WHO SHOULD ATTEND

Professional women who want to positively impact their careers. Recent engineering graduates, as well as experienced female engineers and/or scientists.

CONTENT HIGHLIGHTS

• Historical Perspective - Women in Engineering and Scientific Professions
• What holds you back in your career?
• Career Goals: Success Defining Questions
• Work Climate Changes
• Definition of Professional Success
• Refining Critical Verbal Communication Skills
• How can you successfully negotiate with a group of aggressive men?
• Refining Critical Written Communication Skills
• Networking
• Behaviors and Relationships
• Work-Life Balance
• What will I do next?

INSTRUCTOR

Dr. Ewa A. Bardasz
Fellow, The Lubrizol Corporation
GENERAL MANAGEMENT AND LEADERSHIP CERTIFICATE PROGRAM

Designed to equip engineers and management professionals with key leadership skills, this certificate program focuses on four core management and leadership competencies: management capability, team leadership, project management, and finance.

The courses do not have to be taken in any specified order, although Managing Engineering and Technical Professionals is a good starting point if it can be scheduled as one’s first course. The entire four-course program must be completed in a five year time span.

REQUIRED COURSES

Managing Engineering and Technical Professionals - see course description on page 9
Engineering Project Management - see course description on page 6
Principles of Cost & Finance for Engineers - visit training.sae.org/seminars/c0828 for course description
Leading High Performance Teams - see course description on page 8

Attending the Engineering Management Academy (see course description on page 4) serves as a substitute for Managing Engineering and Technical Professionals, and Leading High Performance Teams required courses.

Upon completing each individual course, an SAE Certificate of Achievement is awarded, issuing the designated number of Continuing Education Units (CEUs). Upon completing all four courses, a comprehensive certificate is awarded, recognizing completion of the entire certificate program.

To get more information on the General Management and Leadership Certificate Program visit: sae.org/certificate/management_leadership

TO ENROLL IN THE CERTIFICATE PROGRAM

There is no formal application process; simply begin courses at your convenience. Self-monitor your transcript as you progress through the program, visit mylearn.sae.org and click My Transcript (requires log in).

TO REQUEST CERTIFICATE

When all courses are completed, please notify SAE Customer Service, 877-606-7323 or CustomerService@sae.org. Once your transcript is audited and completion of courses verified, your certificate will be issued.
SELElCTED LIVel LEARNIng SCheduLe
for the most up-to-date and complete schedule visit
training.sae.org/all/bydate

Norwalk, California – Cerritos, College (SCCT)
Jul 21-22    Diesel Engine Technology -- I.D.# 93014
Jul 21-22    Engineering Project Management -- I.D.# 99003
Jul 22-24    Weibull-Log Normal Analysis Workshop -- I.D.# 86034

Troy, Michigan – SAE International Office
Jul 21    The Tire as a Vehicle Component -- I.D.# C0101
Jul 21-23  Fundamentals of Hybrid and Electric Vehicles -- I.D.# C1232
Jul 22    Tire & Wheel Safety Issues -- I.D.# C0102
Jul 24-25  Product Liability & The Engineer -- I.D.# 82001
Jul 28-30  Fundamentals of Modern Vehicle Transmissions -- I.D.# 99018
Jul 28-30  Principles of Cost and Finance for Engineers -- I.D.# C0828
Jul 31-Aug 1 Fundamentals of Steering Systems -- I.D.# C0716

Webinar – Live Online
Jul 8-17    Principles of Electric Drives Webinar -- I.D.# WB0941

Troy, Michigan – SAE International Office
Aug 4-5    Threaded Fasteners and the Bolted Joint -- I.D.# 95030
Aug 6-8    Managing Engineering and Technical Professionals -- I.D.# C0608
Aug 6-8    Fundamentals of Metal Fatigue Analysis -- I.D.# 94024
Aug 11-12  Modern Fluids for Crankcase Engines: An Overview -- I.D.# C0704
Aug 13    Effective Decision Making: A Methodology Approach -- I.D. C1354
Aug 18-20  Combustion & Emissions for Engineers -- I.D.# 97011
Aug 18-20  Hydraulic Brake Systems for Passenger Cars & Light Trucks -- I.D.# C0509
Aug 20-22  Turbocharging Internal Combustion Engines -- I.D.# C0314
Aug 21-22  Leading High Performance Teams -- I.D.# C0410
Aug 25-27  Gasoline Direct Injection (GDI) Engines -- I.D.# C1009

Webinar – Live Online
Aug 4-15  Design of Experiments (DOE) for Engineers Webinar -- I.D.# WB0932
Aug 5-7    Diesel Engine Noise Control Webinar -- I.D.# WB1041
Aug 19-Sep11 Fundamentals of Geometric Dimensioning & Tolerancing (GD&T) Webinar
-- I.D.# WB0933
Aug 20-22  Overview & Impact of the Automotive Functional Safety Standard ISO
26262 Webinar -- I.D.# WB1134

Troy, Michigan – SAE International Office
Sep 8-9    Controller Area Network (CAN) for Vehicle Applications -- I.D.# C0120
Sep 8-9    The Basics of Internal Combustion Engines -- I.D.# C0103
Sep 11-12  Creating and Managing a Product Compliance Program -- I.D.# C1213
Sep 15-16  Exhaust Gas Recirculation (EGR) for Diesel Engines -- I.D.# C1214
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