Society of Manufacturing Engineers
and its Technical Associations

MEMBERSHIP APPLICATION

This application is valid through 12/31/02

NOTE: Many member benefits and announcements are distributed electronically. Include your e-mail addresses and keep them updated at www.sme.org/update

A. Contact Information

Check All That Apply:
❑ Mr. ❑ Ms. ❑ Mrs. ❑ PhD ❑ CMfgE ❑ CMfgT ❑ CEI ❑ PE

Name _____
First/Given Name Middle Initial Last/Family Name

Job Title _____

Number of years employed in manufacturing _____ Date of Birth _____

Check Your Preferred Address for Receiving Information from SME ❑ Work ❑ Home

B. Work Address *(required)*

Company/Organization Name

_____

Division/Dept _____

Street _____

Mail Stop/Building _____

City _____

State/Province _____

Country _____

Zip/Postal _____

Business Phone ( ) _____

Fax ( ) _____

E-mail _____

Number of People Employed at This Address
(check one box only)
❑ (1) Less than 50
❑ (2) 50-99
❑ (3) 100-249
❑ (4) 250-499
❑ (5) 500-999
❑ (6) 1000-2499
❑ (7) Over 2500

Job Function *(check one only)*
❑ (1) Job Shop Owner
❑ (2) Corporate Executive
❑ (3) Manufacturing Production
❑ (4) Manufacturing Engineering
❑ (5) Quality Assurance/Control
❑ (6) Product Design R&D
❑ (7) Factory Automation
❑ (8) Purchasing
❑ (9) Other

Your Company's End Product _____

_____

I would like to receive SME's monthly magazine
MANUFACTURING ENGINEERING
❑ Yes ❑ No

Signature _____

Date _____

C. Home Address

Street _____

City _____

State/Province _____

Country _____

Zip/Postal _____

Phone ( ) _____

E-mail _____

Education: Highest Degree Granted ***(check one)***
❑ None
❑ Technician
❑ Master
❑ Associate
❑ Bachelor
❑ Doctorate

Technical Specialty List
Indicate the Technical Specialties most related to your career plans.

CODE	DESCRIPTION
❑ C300	Metal Forming & Fabricating (AFFT)*
❑ C200	Finishing (AFP)*
❑ F500	Computer Technologies / Design (CASA)*
❑ F100	Computer Technologies / Manufacturing Processes (CASA)*
❑ F400	Networking & Communications (CASA)*
❑ B003	Composites (CMA)*
❑ G100	Electronics (EM)*
❑ C400	Machining / Material Removal (MTA)*
❑ F304	Vision (MVA)*
❑ B100	Plastics (PMMA)*
❑ F501	Rapid Prototyping (RPA)*
❑ F303	Robotics (RI)*
❑ F404	Internet / E-Commerce
❑ D302	Environmental
❑ G500	Job Shops
❑ C100	Assembly & Joining
❑ C500	Packaging
❑ D100	Quality
❑ D200	Management
❑ D300	Plant Engineering & Maintenance

*** Increase the value of your membership by adding a Technical Association. These technical specialty areas have a corresponding Technical Association that you may join for a small additional fee per Association. See Section "D" for more information.**

❑ Please check here if you wish to have your name withheld from organizations other than SME.

Sponsor Information (Optional)
Name _____
Member # _____

D. Payment Options

Four Convenient Ways to Join:

Log on:
www.sme.org/join (Credit Card Only)

Call: **1-800-733-4763 (Credit Card Only)**

FAX this form to:
313-240-8252 (Credit Card Only)

Mail this form to:
Society of Manufacturing Engineers
Attn: Call Center
One SME Drive – P.O. Box 930
Dearborn, MI 48121- 0930 USA

PAYMENT:
SME First-Year Membership Dues: $85
(U.S. Funds)

Technical Associations (optional):
Add your choice of one FREE Technical Association — FREE

❑ Composites Manufacturing (CMA)	$15	____
❑ Computer & Automated Systems (CASA)	$15	____
❑ Electronics Manufacturing (EM)	$15	____
❑ Finishing & Coating (AFP)	$15	____
❑ Forming & Fabricating (AFFT)	$15	____
❑ Machine Vision (MVA)	$15	____
❑ Machining (MTA)	$15	____
❑ Plastics Molders & Manufacturers (PMMA)	$15	____
❑ Rapid Prototyping (RPA)	$15	____
❑ Robotics (RI)	$15	____

Grand Total (Membership Dues + Each Additional Association) **$** _____

Method of Payment:
❑ Bankdraft/Transfer
❑ Check/Money Order
❑ AMERICAN EXPRESS
❑ VISA
❑ MasterCard
❑ DISCOVER

Card Number

_____

Expiration Date _____

Chapter Name & Number (if applicable)

_____

Allow 30 days to receive your membership credentials.

FOR HEADQUARTERS USE ONLY

CODE: SR Ø2 W Ø2

Member No. _____

Make a career investment that pays a lifetime of benefits... Join SME today!

Choose SME as Your Professional Development Resource!

1 Access Technical Information & Contacts Worldwide

2 Direct Your Professional Growth

3 Share SME's Commitment to the Manufacturing Community & Workforce Development

Join today for access to SME's newest member benefits:

sme learning CENTER

Participate in four free e-learning courses per year through SME's LearningCenter — the new Web-based program that puts manufacturing training at your fingertips.

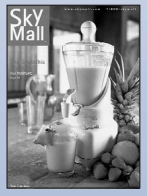
Personal Productivity Library CD

This annual archive of technical information contains:

- Complete editions of *Manufacturing Engineering* and *Forming & Fabricating* magazines
- Over 1400 pages of technical papers
- Supplier directories and guides
- And more . . .

CareerMentorsm
Manufacturing Skills Assessment System

SME's manufacturing skills assessment system. Complete an online skills assessment, interact with mentors, access a learning resource database, develop a career planning tool, and open links to a job and resume database.



Join today — earn SkyMall™ gift certificates when you sponsor new SME members

For details, check SME's website:
www.sme.org/sponsorrewards

www.sme.org
Call (toll-free):
(800) 733-4763
or
(313) 271-1500, ext. 1600

SME® Society of Manufacturing Engineers

Q: Want to develop your technical specialty?

A: Start by joining an SME Technical Association

Composites
The Composites Manufacturing Association (CMA/SME) addresses the high-performance products from low-weight-to-high-strength-ratio materials. Topics addressed include fabrication, mechanical, physical, and tribological properties of composite materials, systems integration, tooling, maintenance and repair, affordability, and the balancing of production and outsourcing.

Computers & Automated Systems
The Computer and Automated Systems Association (CASA/SME) harnesses the power of information technology for advancing product development and design, manufacturing automation, enterprise integration, and communication throughout the product life cycle and supply chain. The organization promotes applying computer-based technologies such as CAD/CAM, engineering analysis, simulation and modeling, enterprise resource planning, and manufacturing execution systems. The group also supports the management philosophies of concurrent engineering, lean manufacturing, and just-in-time production.

Electronics
The Association for Electronics Manufacturing (EM/SME) includes professionals who design electronic components and packages and those who develop and integrate manufacturing processes for fabrication and assembly. This group includes product designers who must simultaneously deal with electrical, thermal, and mechanical issues, as well as process engineers who are implementing technologies that can diagnose process malfunctions online, make processes fault-tolerant and user-friendly, integrate sub-processes, and improve monitoring and control — all while handling the related environmental issues.

Finishing
The Association for Finishing Processes (AFP/SME) covers all technology, process, and management aspects of cleaning and coating metal and plastic parts used in manufactured products. Topics addressed include planning and implementing paint systems, managing painting operations, pretreatment, troubleshooting coating quality, curing technologies, decorating plastics, implementing robotic finishing lines, engineered coatings for wear and durability, and environmental compliance.

Forming & Fabricating
The Association for Forming & Fabricating Technologies (AFFT/SME) focuses on the technologies and processes that efficiently make products from metal sheet, coil, plate, tube, or pipe stock. Core processes addressed include general pressworking-stamping, drawing, forming, bending and shearing — as well as the fabricating technologies of punching, cutting, sawing, and welding.

NOTE: AFFT/SME Membership also includes a subscription to *Forming & Fabricating* Magazine.

Machine Vision
The Machine Vision Association (MVA/SME) looks at the practical use of vision and sensor systems in manufacturing processes. Vision systems have a wide range of applications by reading and analyzing images collected from infrared, ultraviolet, and X-ray input. They can detect minute product attributes and defects in milliseconds, analyze trends, and use the data to correct a production process automatically. Members come from the industries that apply machine vision and the ones who design and build machine vision systems, as well as university and government labs researching optical metrology problems.

Machining
The Machining Technology Association (MTA/SME) provides a forum for exploring the practical application of innovations in material removal processes such as turning, milling, and grinding, and the machines and tooling used in these processes. Members represent a cross section of disciplines, including manufacturing, tool, process, mechanical, and industrial engineers, production and plant managers, and researchers. The latest developments in CNC machine tools, cutting-tool materials, tool geometry, workholding devices, and cutting fluids are covered.

Plastics
The Plastics Molders & Manufacturers Association (PMMA/SME) addresses closed-mold processes for making plastic parts and products. It focuses on injection and blow molding, structural foam processes, assembly and inspection, tooling, finishing, recyclability, and the expanding range of materials.

Rapid Prototyping
The Rapid Prototyping Association (RPA/SME) focuses on the technologies and processes that help conceive, develop, test, revise, and manufacture new products to bring them to market faster and cost-effectively. Concurrent engineering and design for manufacturability are embodied in rapid prototyping technologies, which include fused deposition modeling, stereolithography, selective laser sintering, laminated object manufacturing, solid freeform fabrication, and layered manufacturing. As a production tool, rapid prototyping is used to produce consumable patterns for short-run casting or even rapid tooling for injection molding. In reverse engineering, a computer model created from scanning an object can be used to generate a physical copy of it.

Robotics
Robotics International (RI/SME) is devoted to advancing the theory and practical application of industrial robotics and other programmable automatic machines in manufacturing. Robotic systems are accepted in all phases of manufacturing (e.g. welding, painting, assembly, and material handling) because they provide extraordinary opportunities for improving positioning accuracy, repeatability, flexibility, safety, and cost reduction.