

SangSoon Koh, Ph.D.

Associate Professor of Business and CIS

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SUMMARY

Associate Professor of Business and CIS with more than 15 years of teaching experience and nearly 30 years of engineering, international business, and management experience with Chrysler and Detroit Diesel. Special interests include accounting, business strategy, digital literacy, generative AI, personal finance, and martial arts leadership.

PROFESSIONAL LEADERSHIP & SERVICE

- Teaching and academic advising since 2011. Courses taught: CIS 110, CIS 172, ACC120, ACC121, PED 125-126

- Developed and implemented student credentialing pathways in Microsoft 365, Personal Finance, Bookkeeping, Cybersecurity, and Generative AI through LC's Certiport Testing Center

Faculty committees involved in FEPDC, Conduct Board, Faculty Handbook, and Faculty Senate.

- Microsoft Office Specialist, Intuit Bookkeeping, Generative AI Foundations, Cybersecurity Initiatives, as a Certiport Testing Center Coordinator.

- Student engagement activities with the LC Martial Arts Club and Horizons Mentor

- National VP in the US Taekwondo Grandmasters Society

- Integrates real-world business applications, digital technologies, and generative AI tools into classroom instruction to enhance student learning and career readiness.

EDUCATION

- Bachelor of Engineering in Metallurgical Engineering, Yonsei University, studies in math, science, and metallurgy

- Master of Science in Materials Engineering, Wayne State University, studies in mechanical metallurgy, Scanning Electron Microscopy

- Master of Science in Administration, Central Michigan University, studies in International Finance and Operational Behaviors.

- Doctorate Degree in International Business, Columbus University, studies in International Financial Turmoil in Korea and Asia.

PROFESSIONAL CERTIFICATION AND CONTINUOUS EDUCATION

Business & Technology

- MOS certification of PowerPoint, Word, and Excel by Certiport in 2016

- Completed Certificate in six Financial Planning Courses at Virginia Commonwealth University in 2016

- Certification in Personal Finance by W!se Financial Literacy in 2018

- Certificate of Completion in ChatGPT, Claude, Gemini by Coursiv in 2026.

Health & Wellness

- PDA Certificate of Completion of KHT by NCCAOM in 2021.

Martial Arts

- Earned 9th-degree black belt certification from the US Grandmasters Society in 2025

Achievements & Recognition

- Previous teaching experience at Lawrence Tech and Wayne State Universities. Enjoy teaching in materials engineering and science.
- Created the LC Martial Arts Club, developed the PED 127-128 curriculum, and initiated the Koh-Yang Taekwondo Endowment
- Member of NBEA (National Business Education Association) and USTGS (US Grandmasters Society)
- Inducted into Taekwondo Literature in Chicago by US Grandmasters Society in 2019
- Detroit Diesel Cost Savings Award using Chrysler Transactional Six Sigma Award (\$525,000)
- Various community service recognitions

INDUSTRY EXPERIENCE

Daimler Truck Detroit Diesel, Detroit, Michigan

Chief Materials Engineer, 07/2003 to 06/2009

- Certified Six Sigma green belt by Daimler and Chrysler. Possess problem solving techniques via Shainin, quality tools and Global 8-D. Received a recognition award given for a total of \$525K cost savings initiatives. Designing creative system developments to motivate staff targeted at cost reduction projects.
- Troubleshoot and execute the needed corrective actions for components failures to avoid potential field campaign and warranty cost savings. Possess expert witness skills for product liability.
- Expertise in engine and power train components failure analysis and support Supply chain management team. Capable of engine oil, fuel and coolant analyses and its interpretation.
- Familiar with ASTM, SAE, EN, API, TMS, ISO quality standards, and possess computer literacy including mini-tab quality statistics and Microsoft Office software.

Regional Area Manager - Asia, 07/1996 to 06/2003

- Successfully seeded heavy-duty engine sales into highly competitive Taiwan and Korean market, with the account growing to several million dollars within 1 year. Use of cost accounting and margin analysis to fulfill products competitiveness. Branding, partnering alliance and positioning key product lines via overseas' networking.
- Established a strategic team spirit with DaimlerChrysler Power train group in Beijing operations in China.
- Assist Purchasing with supply chain management skills for quality products' procurement with a cost reduction effort to improve the bottom line.
- Developed satisfactory aftermarket service depots in Korea, Singapore, Taiwan and China through DDC dealer/distributorship. Audit distributors' financial statements to standardize market sustainability. Proven record of distributor accounting, business initiatives and success in growth plan, overcoming objections and securing difficult to close business transactions.
- Successfully launched 2.0L licensed production for light-duty SUV at Korean OEMs. Established program management networks between Bosch, FEV and many suppliers.

Senior Materials Engineer, Detroit Diesel Corp. – 1989 to 1996

- Specialist of failure analysis, warranty and product improvement using Excel, Access, and Word.

Materials Engineer, Chrysler Corp. – 1982 to 1989

- Quality engineer at Jeep Cherokee and CJ production lines to coordinate product quality, and customer satisfaction.

AREAS OF EXPERTISE

- Transactional Six Sigma ■ Global 8-D ■ Brand marketing

- Market Research ■ , Competitive/Strategic Planning ■ Strong Financial Analysis
- Mini-tab Quantitative Statistics ■ Six Sigma Process Improvement and Lean Manufacturing Analysis
- Continuous Improvement
- Digital literacy and Generative AI
- Martial Arts Leadership

HIGHLIGHTED CAREER ACHIEVEMENTS

- **Business Process Improvement** - Increased processing time 30% and revenues 33% over the previous year's figures for Detroit Diesel Quality Control Lab.
- **Market Penetration** - As a Regional Manager for Detroit Diesel Overseas Distribution Corp, increased engine sales and service dealerships by an unprecedented 120% within one year.
- **Effective Brand and License Marketing** – Positioning value-added brand management and technology transfer to recognize an integrated strategy and increase the revenues 24% over the previous year's figures for Detroit Diesel's successful operations in Korea and Taiwan.
- **Account Development** – Understanding the total addressable opportunity and strategic partnering accounts, and secured royal customers and generated several million \$ in revenue.
- Provide a business consultation for import, export, and financial instrument arrangements for recycling materials, raw material trading, and *Green* energy projects.
- Perform Web conference calls with several team members, including multi-national executives, and take proper actions and continuous improvements based on lessons learned.
- Teaching Youth Taekwondo and pursuing the federal grant's underserved program.