Michigan Technological University

Minor in Enterprise

Program Code ENTM, Academic Year 2026-2027

Pavlis Honors College

Minimum Credits Required: 18

Interpersonal Development: 4 to 6 credits

Teaming & Communication: complete 3 credits

- ENT 2961 Teaming in the Enterprise (1) *Prereqs: none,* **and** ENT 2962 Communication Contexts (2) *Prereqs: UN1025 or upper level modern language*
  - **or** MGT 2000 Team Dynamics and Decision Making (3) *Prereqs: none*
  - **or** HU 2840 Interpersonal Communication (3) *Prereqs: none*
  - **or** HU 3120 Technical and Prof Communication (3) *Prereqs: UN1015*
  - **or** HU 4625 Risk Communication (3) *Prereqs: UN1015*

Leadership Courses: complete 1 to 3 credits

- AF 3001 Leading People and Effective Comm I (3) *Prereqs: UN1025*
  - **or** MGT 3100 Leadership Development (3) *Prereqs: UN1025*
  - **or** HON 2150 Pavlis Seminar I (1) *Prereqs: UN1025*
    - **and** HON 3150 Pavlis Seminar II (1) *Prereqs: HON2150 and UN1015*
    - **and** HON 4150 Pavlis Seminar III (1) *Prereqs: HON3150 an UN1015*
- ENG 3060 Developing Mentoring Skills (1) *Prereqs: none*
- ENG 4060 Leadership in Group Environments (1) *Prereqs: none*
- ENT 3961 Building and Leading Teams (1) *Prereqs: none*
- ENT 3971 Seven Habits of Highly Effective People (1) *Prereqs: none*

Professional Development: 5 credits

Credits can be selected within and/or between any of the following four focus areas

Business & Management

- EC 2001 Principles of Economics (3) *Prereqs: none*
- EC 3400 Economic Decision Analysis (3) *Prereqs: UN1015*
- ENT 3954 Enterprise Market Principles (3) *Prereqs: none*
  - **or** MKT 3000 Principles of Marketing (3) *Prereqs: none*
- ENT 3964 Fundamentals of Project Management (1) *Prereqs: none*
  - **or** OSM 4300 Project Management (3) *Prereqs: BUS2100 or CEE3710 or MA2710 or MA2720 or MA3710 or EE3180 or BE2110*
- PSY 3700 Industrial & Organizational Psychology (3) *Prereqs: PSY2000*

Ethics

- ENT 3958 Ethics in Engineering Design and Implementation (1) *Prereqs: ENG1101 or (ENG1001 and ENG1100)*
  - **or** CEE 3331 Professional Practice (2) *Prereqs: none*
- HU 3710 Engineering (3) Ethics *Prereqs: UN1015*

Innovation & Entrepreneurship
- ENT 3953 Ideate, Innovate, Create! (1) *Prereqs: none*
- ENT 3963 Explore, Develop, Execute! (1) *Prereqs: none*
  - **or** MGT 3650/SS 3650 Intellectual Property Management (3) *Prereqs: UN1015*
  - **or** MGT 3800 Entrepreneurship (3) *Prereqs: none*

Operations & Continuous Improvement
- CM 3980 Sustainable Chem Engineering (1) *Prereqs: CM2110 and (MA3520 or MA3521 or MA3530 or MA3560)*
  - **and** CM 4320 Chemical Process Safety (2) *Prereqs: CM3120 and CM3230 and CM3510*
    - **or** ENT 3956 Industrial Health and Safety (1) *Prereqs: none*
- ENT 3959 Fundamentals of Six Sigma (1) *Prereqs: none*
- ENT 3966 Design for Manufacturing (1) *Prereqs: ENG1102*
- ENT 3967 Design for Six Sigma (3) *Prereqs: none*
- ENT 3982 Continuous Improvement Lean Principles (1) *Prereqs: none*
- ENT 3983 Culture of Continuous Improvement (1) *Prereqs: none*

Required Project Work: 6 credits
- ENT 3950 Enterprise Project Work III (1) *Prereqs: none*
- ENT 3960 Enterprise Project Work IV (1) *Prereqs: none*
- ENT 4900 Enterprise Project Work V NonCapstone *Prereqs: none*
  - **or** ENT 4950 Enterprise Project Work V Capstone (2) *Prereqs: (BE 3350 or BE 3700 or BE 4900) or (CEE 3620 or CEE 3810) or CM 4855(C) or (CS 3712 or CS 4711 or CS 4760) or (ENT 3960 and EE 3131 and EE 3901 and EE 3171(C) or EE 3173(C)) or (GE 3890 and GE 3880) or (ENT 3950 and ENT 3960 and (MA 3710 or MA 2710(C) or MA 2720 or MA 3715) and MEEM 3750 and MEEM 3201 and MEEM 3911) and EE 3010(C) and MEEM 3400 and MEEM 3600(C) or (MSE 3110 and MSE 3120 or (MSE3121 and MSE3122) and MSE 3130 or (MSE 3131 and MSE3132) and MSE 3140 and MSE 3190 and MSE 4940) or (CMG 3250 and CMG 4120(C) and CMG 4210 and CMG 3200) or (EET 3281 and EET 4253(C)) or SAT 3812(C) or SU 4100(C) or (ENG 3830(C) or ENG 3505(C) or ENG 4505(C)) or (MET 4200 and MET 3500(C) and MET 3451(C))*
- ENT 4910 Enterprise Project Work VI NonCapstone (2) *Prereqs: none*
  - **or** ENT 4960 Enterprise Project Work VI Capstone (2) *Prereqs: ENT 4950 and (BE 4900 or CEE 3620 or CEE 3810 or CM 4855 or CS 3712 or CS 4711 or CS 4760 or EE 3171 or EE 3173 or GE 3890 or GE 3880 or MSE 4141(C) or CMG 4210 or EET 4253 or MET 4460 or SAT 4541 or SU 4100 or ENG 3830) or (ENG 3505 and ENG 4505) or (MEEM 3750 and MEEM 3201)*

Elective Courses: 1 to 3 credits
- ENT 1960 Enterprise Orientation (1) *Prereqs: none*
  - **or** ENT 2950 Enterprise Project Work I (1) *Prereqs: none*
  - **or** ENT 2960 Enterprise Project Work II (1) *Prereqs: none*
  - **or** ENT 3980 Pre-Capstone Enterprise Project (1) *Prereqs: ENT3950 and ENT3960*
  - **or** ENT 4961 Enterprise Project Work VII (1) *Prereqs: ENT 3950 and ENT 3960 and (ENT 4950 and ENT 4960) or (ENT 4900 and ENT 4910)*
- Any ENT module not used in a previous section of the minor