Curriculum Development Form
New Program (Academic Award)

Program Name (Academic Award):
MTT Foundation Diploma

CIP Code: 48.0510

Type of Academic Award: □ AA □ AAS □ AFA □ AS □ Diploma □ Certificate

Current Location: ☑ Faribault ☐ North Mankato

Proposed Location: ☑ Faribault ☐ North Mankato

Contact Person: Jon Morgan

Proposed Credits: 32

Date of Proposal: 1-16-18

Proposed Implementation Date: Fall 2018

What program is being proposed? MTT Foundation Diploma

What impact will this new program have? None

Describe the rationale for this new program: Advisory Recommendations

Attach additional material if necessary

As Faculty Developer, by signing this New Program form, the Curriculum Committee is assured of the following (check marks required):

Prior to Preparing Documentation
☑ Initiation — idea was submitted to Department Chair(s) and Academic Dean/Director for discussion and support
☑ Explored existing program offerings to identify potential duplication
☑ Gathered Labor Market data
☑ Completed Intention Form

MnSCU Notice of Intent (NOI) — Program Navigator
☐ Program Plan brought to Curriculum Committee for information purposes
☐ Articulation agreement included for AA, AS, AFA programs
☑ Vice President of Student and Academic Affairs approval
☑ President approval

☐ MnSCU Program Navigator upload — New Notice of Intent (NOI) informing other MnSCU colleges/universities of the program
☐ MnSCU initiates the intention stage for feedback; 60 days to complete official paperwork after MnSCU approval

Continue the Curriculum Development Process
☐ Completed the WIDS Program Project, which includes outlining scope and sequence of program

Please Note: If courses do not already exist, the shell of each course must be created in WIDS before the WIDS Program Project can be completed
☐ Identified prerequisites (if any) for admission to the program
☐ Created program description in WIDS
☑ Created measurable program student learning outcomes in WIDS
☑ Proofread documentation for correct content
☑ Proofread documentation for grammatical and typographical errors
☐ For technical programs, the change was discussed at Advisory Committee meeting (upload meeting minutes)
☑ Uploaded additional documentation to WIDS (comparison template, etc.)

Faculty Developer Signature
Date

New Program Form — 9/27/2016 — Page 1
As Primary Department Chair, by signing this New Program form, the Curriculum Committee is assured of the following (check marks required):

☑ Documentation through email and department meetings made available for other faculty and programs to provide feedback
☑ Proofread documentation for correct content and proper structure
☑ Proofread documentation for grammatical and typographical errors
☑ For LAS programs, signature of all LAS Department Chairs included

☑ I support this program plan ☐ I do not support this program plan — please provide reason(s):

[Signature] [1/17/18] Date

For all new programs, if Primary Department Chair does not support the new program proposal, faculty developer can elevate the proposal to AASC for resolution.

For AA, AFA and AS Degrees Only — As a LAS Department Chair, by signing this New Program form, the Curriculum Committee is assured of the following (check marks required):

☐ Documentation through email and department meetings made available for other faculty and programs to provide feedback

☐ I support this program plan ☐ I do not support this program plan — please provide reason(s):

[Signature] Date

☐ I support this program plan ☐ I do not support this program plan — please provide reason(s):

[Signature] Date

☐ I support this program plan ☐ I do not support this program plan — please provide reason(s):

[Signature] Date

If all four LAS Department Chairs do not support the new program proposal, faculty developer can elevate the proposal to AASC for resolution.
As Academic Dean/Director, by signing this New Program form, the Curriculum Committee is assured of the following (check marks required):

- Identified potential opportunities and impacts of the change on other programs/departments (request DARS search from Registrar’s Office)
- Provided supporting documentation to populate Program Navigator

☐ I support this program plan  ☐ I do not support this program plan — please provide reason(s):

[Signature]

Academic Dean/Director Signature  1-17-18

If Academic Dean/Director does not support the new program proposal, faculty developer can elevate the proposal to AASC for resolution.

Upload this signed form as a PDF to WIDS Shared Document folder — Curriculum Committee

Following Curriculum Committee support, this form is completed with final signatures

[Signature]

Curriculum Committee Chair Signature  2/2/2018

[Signature]

Vice President of Student and Academic Affairs Signature  2/5/2018

[Signature]

President Signature  2/5/2018

The following steps are possible post-approval steps

New Program
Upload to MnSCU Program Navigator
- Curriculum Committee Chair electronic approval
- Vice President of Student and Academic Affairs electronic approval
- President electronic approval
- Vice President of Student and Academic Affairs electronic approval (2nd)
- MnSCU reviews for final approval
- MnSCU grants approval

Student Affairs
- ISRS; DARS; eCatalog
Scope and Sequence for Perkins Programs of Study
Federal Dept. of Education review
Higher Learning Commissions (HLC) review
## MTT-Foundation Diploma- 32 Credits

### Faribault and NM campuses

2 semesters in either order

### Manufacturing Production Technology Certificate

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Lec/Lab</th>
<th>Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMAE 1514</td>
<td>Safety Awareness</td>
<td>2</td>
<td>2-0</td>
<td>1st 8 weeks</td>
</tr>
<tr>
<td>CMAE 1526</td>
<td>Maintenance Awareness</td>
<td>2</td>
<td>2-0</td>
<td>1st 8 weeks</td>
</tr>
<tr>
<td>MATH 1050</td>
<td>Math for Technical Careers</td>
<td>3</td>
<td>3-0</td>
<td>1st 8 weeks</td>
</tr>
<tr>
<td>OTEC 1001</td>
<td>Computers for College</td>
<td>2</td>
<td>2-0</td>
<td>1st 8 weeks</td>
</tr>
<tr>
<td>CMAE 1518</td>
<td>Manufacturing Process &amp; Production</td>
<td>2</td>
<td>2-0</td>
<td>2nd 8 weeks</td>
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<tr>
<td>CMAE 1522</td>
<td>Quality Practices</td>
<td>2</td>
<td>2-0</td>
<td>2nd 8 weeks</td>
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<tr>
<td>CMAE 1510</td>
<td>Print Reading</td>
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<td>2-0</td>
<td>2nd 8 weeks</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>15</strong></td>
<td></td>
<td><strong>15/wk</strong></td>
</tr>
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</table>

### MTT Right Skills Now Certificate

<table>
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<tr>
<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
<th>Lec/Lab</th>
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<tbody>
<tr>
<td>MTT 1110</td>
<td>CNC Milling Level I</td>
<td>5</td>
<td>2-3</td>
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<tr>
<td>MTT 1120</td>
<td>CNC Turning Level I</td>
<td>5</td>
<td>2-3</td>
</tr>
<tr>
<td>MTT 1130</td>
<td>Job Planning, Benchwork and Layout Level I</td>
<td>3</td>
<td>1-2</td>
</tr>
<tr>
<td>MTT 1140</td>
<td>Measurement, Materials, and Safety Level I</td>
<td>3</td>
<td>1-2</td>
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<tr>
<td>CMAE 1528</td>
<td>Career Success Skills</td>
<td>1</td>
<td>1-0</td>
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<tr>
<td><strong>TOTAL</strong></td>
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<td><strong>17</strong></td>
<td></td>
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**Machine Tool Foundation Diploma TOTAL 32**