

Date: \_\_\_\_\_

Name: \_\_\_\_\_

ID #: \_\_\_\_\_

# Doctor of Philosophy, post-MS Robotics Program of Study

**\*\* This form is due to the ME Graduate Advising Office (MEK 1568) at least 7 months prior to graduation.**

**No more than 9 non-matriculated credits, 6 transfer credits, or 3 independent study (ME EN 6950) credits allowed.** Need 2 consecutive semesters of at least 9 credit hours each. All classes must be graded B- or better. Courses can be waived if they were taken at the 5000 level or at another university (with committee approval), but will **not** count toward the 18 hours of course credit. Attach additional copies of this form if more lines are needed.

## 18 course credit hours

*Required Courses:*

_____	<u>Intro to Robotics</u>	<u>ME EN 6220/CS 6310</u>	_____	_____
Semester	Course Name	Course Number	Grade	Cr.
_____	<u>Intro to Robot Control</u>	<u>ME EN 6230/CS 6960-01</u>	_____	_____
Semester	Course Name	Course Number	Grade	Cr.
_____	<u>Geo. Comp. Motion Planning</u>	<u>ME EN 6225/CS 6370</u>	_____	_____
Semester	Course Name	Course Number	Grade	Cr.
<u>Fall/</u>	<u>Robotics Seminar</u>	<u>ME EN 7960-001/CS7939</u>	_____	<u>1</u>
Semester	Course Name	Course Number	Grade	Cr.
<u>Spring/</u>	<u>Robotics Seminar</u>	<u>ME EN 7960-001/CS7939</u>	_____	<u>1</u>
Semester	Course Name	Course Number	Grade	Cr.

*Perception* (choose from CS 6320 3D Computer Vision; CS 6640 Image Processing):

_____	_____	_____	_____	_____
Semester	Course Name	Course Number	Grade	Cr.

*Cognition* (choose from CS 6300 Art. Intelligence; CS 6350 Machine Learning):

_____	_____	_____	_____	_____
Semester	Course Name	Course Number	Grade	Cr.

*Action* (choose from ME EN 6960 Adv. Mechatronics; CS 6360 Virtual Reality; ME EN 7230/CS 7310 Adv. Manipulation and Locomotion; ME EN 7960-05/CS 7320 System ID for Robotics; ME EN 7960-07 Haptics):

_____	_____	_____	_____	_____
Semester	Course Name	Course Number	Grade	Cr.

*Breadth Courses* (choose from Graduate-level Math, Science, Engineering or Committee–Approved Courses):

_____	_____	_____	_____	_____
Semester	Course Name	Course Number	Grade	Cr.

_____	_____	_____	_____	_____
Semester	Course Name	Course Number	Grade	Cr.

## 14 thesis research credit hours

_____	<u>PhD Dissertation</u>	<u>ME EN 7970</u>	_____	_____
Semester	Course Name	Course Number	Grade	Cr.
_____	<u>PhD Dissertation</u>	<u>ME EN 7970</u>	_____	_____
Semester	Course Name	Course Number	Grade	Cr.
_____	<u>PhD Dissertation</u>	<u>ME EN 7970</u>	_____	_____
Semester	Course Name	Course Number	Grade	Cr.
_____	<u>PhD Dissertation</u>	<u>ME EN 7970</u>	_____	_____
Semester	Course Name	Course Number	Grade	Cr.

## Supervisory Committee:

_____	_____	_____
Chair (Your advisor)	Member 1 Name	Member 2 Name

_____	_____	_____
Chair Signature	Member 1 Signature	Member 2 Signature

_____	_____
Member 3 Name	Member 4 Name

_____	_____
Member 3 Signature	Member 4 Signature