# WRIGHT STATE
## UNIVERSITY

## Ph.D. in Engineering
## Program of Study
## (Semester System*)

Name: __Admir Makas_____      Date: __12/14/15_____      UID: __U00810879_____

Focus Area: _____      Dissertation Advisor: __Dr. Ramana Grandhi_____

Date Entered Ph.D. Program (Term/Year): __Summer/2__015

Entered Program after:      B.S. _____
                            M.S. ___X____
                            Date M.S. Degree Awarded (Month/Year): __July/2011__
                            Name of Institution: _Arizona State University_____

*Important Notes:*
- Information must be typed.
- Please save your completed form electronically for future reference and revisions.
- For questions concerning formatting and compliance with Program rules and regulations, please see the program coordinator.
- For assistance in selecting courses, or to determine the correct placement of courses within your program of study, please consult your advisor and/or your focus area chair.  For example, your advisor and focus area chair can help you determine whether a course can be used toward your breadth requirement.

| Category | Course Number | Course Title | Credit Hours (CR) | When Taken (Term/Yr) | Grade | MS (max 30 CR) (✓) | Other or transfer (✓) | Focus area (9 CR min) (✓) |
|---|---|---|---|---|---|---|---|---|
| Core Courses (min 9 CR) | EGR 7040 | Intro to Optimization | 3 | Fall, 15 | | | | X |
| | EGR 7030 | Computational Engineering Analysis | 3 | Fall, 16 | | | | X |
| | EGR 7020 | Systems Engineering Analysis | 3 | Fall, 16 | | | | X |
| | | | | | | | | |
| | | Subtotal | 9 | | | | | |
| Major Courses (≥7000 level) (min 18 CR) | MAE 520 | Stress Analysis (ASU) | 3 | Fall, 09 | B | X | X | X |
| | MAE 524 | Elasticity (ASU) | 3 | Spring, 10 | B+ | X | X | X |
| | MAE 557 | Mechanics of Composite Materials (ASU) | 3 | Fall, 09 | A- | X | X | X |
| | ME 7160 | Non-linear Dynamics | 3 | Fall, 15 | | | | |
| | ME 7060 | Structural Reliability | 3 | Spring, 16 | | | | |
| | ME 7690 | Vibration Testing and Health Monitoring | 3 | Spring, 16 | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | Subtotal | 18 | | | | | |

| Category | Course Number | Course Title | Credit Hours (CR) | When Taken (Term/Yr) | Grade | MS (max 30 CR) (✓) | Other or transfer (✓) | Focus area (9 CR min) (✓) |
|---|---|---|---|---|---|---|---|---|
| Breadth Courses (min 6 CR) (6000-level or above) | MSE 540 | Fracture, Fatigue, & Creep (ASU) | 3 | Spring, 10 | A | X | X | |
| | MSE 523 | Structural & Mech Properties of Materials (ASU) | 3 | Fall, 10 | A- | X | X | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | Subtotal | 6 | | | | | |
| MTH or STT Courses (min 6 CR) (6000-level or above) | MAE 502 | Partial Differential Equations (PDEs), ASU | 3 | Spring, 10 | A- | X | X | |
| | MTH 6050 | Advanced Engineering Math | 3 | Spring, 17 | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | Subtotal | | | | | | |
| Other Courses (min 6 CR) | IEE 572 | Design of Engineering Experiments (ASU) | 3 | Fall, 10 | A | X | X | |
| | MAE 501 | Linear Algebra in Engineering (ASU) | 3 | Summer, 10 | A | X | X | |
| | | | | | | | | |
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| | | | | | | | | |
| | | | | | | | | |
| | | Subtotal | 6 | | | | | |
| Seminar (3 CR) | EGR 8910 | Seminar | 3 | Fall, 15 Spring, 16 Fall, 16 | | | | |
| Research (30 – 40 CR) | MAE 599 | Master Thesis Credits (ASU) | 9 | | | | | |
| | ME 8950 | Dissertation | 30 | | | | | |
| Total CR | | Minimum 90 | | | | | | |

| Approvals: | ◆◆ Must be obtained in order listed ◆◆ |
|---|---|

| | 1. Student Signature: | _____ | Date: _____ |
|---|---|---|---|
| *Format Approval* | 2. Program Coordinator: | _____ | Date: _____ |
| *Coursework Approval* | 3. Dissertation Advisor: | _____ | Date: _____ |
| *Coursework Approval* | 4. Focus Area Chair: | _____ | Date: _____ |
| *Final Approval* | 5. Program Director: | _____ | Date: _____ |